



We make
water easy

PRICE LIST
EU 50Hz
51.J 2026

Valid from January 1, 2026



RECYCLED PAPER

GUIDE TO READING THE PRICE LIST

This guide provides some information to help you read the DAB Price List.

CERTIFICATIONS /
IMPORTANT NOTES

PRICE LIST GROUPING
Unique identifier of
the product family

APPLICATIONS*

DTRON 2

7" ELECTRONIC MULTISTAGE SUBMERSIBLE PUMPS



DTRON 2



AA



7" submersible electronic multi-impeller pump designed for use in water wells, tanks or cisterns. The pump is suitable for use in residential building service for pressurization, rainwater reuse and gardening and irrigation.

The pressure switch and flow switch integrated with the electronic board, make the pump completely automatic for the switching on/off and dry running protection. It integrates a double mechanical seal, a not return valve and a handle for ease transport and installation. Built with an innovative modular design: the hydraulic part, the motor, the electrical part and the filter can be disassembled separately, simplifying the maintenance activity.

The suction height is adjustable from the bottom up to 8 cm using the special accessory supplied as standard. A float can be connected without compromising the water tightness of the pump thanks to the NFC pocket. Integrated 0.04-litre expansion vessel with no need for maintenance or refilling. The cable has a quick coupling for easier installation inside the tank/cistern. The pump is also available in X version with 1" intake and kit X which includes 1 meter suction hose and float to prevent the suction of impurities from the bottom. The whole pump is classified as IP 68. With the accessory DOC68 (supplied separately) becomes a surface pump to be used under the water level.

* Certified version for drinking water is available on request.

Flow rate maximum 7,2 m³/h.

Head up to 45 m.

Maximum immersion depth 12 m.

Type of pumped liquid Clean, free from solid or abrasive substances, not viscous, not aggressive, not crystallized and chemically neutral.

Free passage 2 mm.

Liquid temperature range from +0°C to +50°C.

Maximum immersion depth 15 m.

Set cut-in 2,4 bar (+0,2).

Outlet connection Thread 1" 1/4.

Pump maximum diameter 185 mm.

Protection class IP 68.

Motor insulation class F.

Power cable (m) and plug 15 m with plug.

Possible type of installation Fixed, horizontal or vertical. Submerged or semi-submerged. It can be installed on the surface, under the water level, or outside in a vertical position with the DOC68 accessory (supplied separately).

ACCESSORIES
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MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA															WEIGHT KG	Q.TY x PALLET	
			VOLTAGE 50 Hz	P1 kW	P2 kW	In A	HP	Q=m³h Q=l/min																	
									0	0,7	1,2	1,8	2,4	3	3,6	4,2	4,8	5,4	6	6,3	6,6	7,3			7,5
DTRON2 35/90	60195238	713	1 x 220-240 V	0,75	0,52	0,7	3,4	H (m)	37,0	35,9	35,0	33,0	30,0	26,7	22,7	18,5	13,4	7,6	0,6					11,4	15
DTRON2 45/90	60188290	770	1 x 220-240 V	0,93	0,6	0,8	4,2		45,0	43,0	41,2	38,0	34,2	29,7	24,7	20,0	15,0	9,0	2,5	0,6				11,4	15
DTRON2 35/120	60195251	770	1 x 220-240 V	0,9	0,6	0,8	4		38,0	37,6	36,3	34,0	31,5	28,9	26,0	23,2	20,0	16,3	12,0	9,8	7,5	2,2	0,7	11,4	15

X VERSION

MODEL	CODE	PRICE €
DTRON2 X 35/90	60195250	768
DTRON2 X 45/90	60195236	824
DTRON2 X 35/120	60195257	824
DTRON2 X 35/90 + 1m SUCTION KIT	60196488	1.018
DTRON2 X 45/90 + 1m SUCTION KIT	60196489	1.085
DTRON2 X 35/120 + 1m SUCTION KIT	60196490	1.085



DTRON 2
DIMENSIONS
ø 18,5 x 61 cm

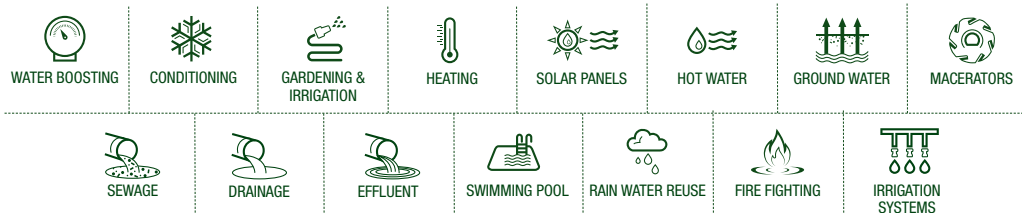
discover DTRON



DAB PUMPS reserves the right to make modifications without notice.
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The data on this example page is not up-to-date. Please refer to the relevant page for information on DTRon 2.

* Types of applications





REGULATION

EU 2019/1781 – EU 2021/341

New ecodesign requirements for single-phase electric motors

From **1st July 2023**, **EU Regulation 2019/1781**, as amended by **EU Regulation 2021/341**, has come into force at European level, establishing **new ecodesign requirements** for the placing on the market or putting into service of single-phase electric motors. The aim is to further raise the performance requirements, thereby decreasing the environmental impact and consumption of resources.

In particular, **all surface pumps with air-cooled single-phase motors with a rated power between 120 W and 1000 kW must be equipped with an IE2-efficiency motor.**

To optimise production and components has involved a number of changes, first of all the changing of product codes: we therefore invite you to pay particular attention as the codes of the products involved have been changed.

Scan the QR code to use the code replacement tool



NEW

EsyBox Pop: **Maximum pressure minimum size**

The latest revolution in the EsyBox Line:
all of DAB's technology in a new
lightweight, compact, silent and
all-in-one design.



Perfect pressure



All-in-one



Compact and light



Smart and connected



Quick maintenance



**Small size,
big performance**



Maximum versatility



Intuitive setup

**Compatible
with**





Discover more

With H2D, systems have no secrets

The smart platform for managing DAB devices remotely



Optimize time
and work



Problem fixed first
time, every time



Little or no
disruption



More service and
less urgent callouts
= increased profit



Satisfied
customers



Simplified interface
for consumption and
comfort functions



H2D is the smart platform **for professionals and end users** that manages all the new generation DAB pumps. Dedicated to those who look to the future for solutions that respect the environment while offering maximum comfort.



FEKA VS

NO. 1 FOR RELIABILITY.

EVERY TIME, IN EVERY SITUATION

NEW



OPTIMIZED HYDRAULIC
FOR SUPERIOR
EFFICIENCY



**GREATER COMPACTNESS AND
REDUCED WEIGHT COMPARED
TO THE PREVIOUS VERSION**



NEW 1500 SIZE
FOR A WIDER PERFORMANCE
RANGE



FOR WORRY-FREE
WASTEWATER HANDLING.

Feka VS is DAB's new-improved submersible pump for handling wastewater in domestic/residential and commercial settings, made entirely from stainless steel.



DAB
MAKING WATER EASY

NEW 2026

esybox pop

MAXIMUM PRESSURE MINIMUM SIZE

The latest revolution in the EsyBox Line: all of DAB's technology in a new lightweight, compact, silent and all-in-one design.

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evoplus⁺

THE BARE MAXIMUM

Meet the new face of circulation: a design that translates into reliability and efficiency, tailored to individual system needs.

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FEKA VS

DAB'S UPGRADED RANGE OF SUBMERSIBLE PUMPS FOR WASTEWATER:

as reliable as ever, with improved hydraulics.

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DAB SERVICES

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AND AIR CONDITIONING**

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SWIMMING POOL PUMPS

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DAB SERVICES



RELIABLE SUPPORT FOR
A LONG-LASTING SYSTEM

DISCOVER ►

DIGITAL SOLUTIONS MAINTENANCE PACK

CONTINUOUS MONITORING SERVICE



DIGITAL SOLUTIONS MAINTENANCE PACK

RELIABLE SUPPORT FOR AN EFFICIENT SYSTEM WITHOUT SURPRISES

GREATER EFFICIENCY

GREATER RELIABILITY

GREATER SAVINGS

GOLD AND SILVER PACKS

MAINTENANCE PACKAGES* WITH
COMPLETE REMOTE CONTROL OF YOUR SYSTEM

DAB now offers its customers two **new complete and highly professional services** based on DAB Pumps' four decades of experience, with specific support for every type of system.


GOLD PACK


SILVER PACK

FEATURES



Optimal control of set-up, specific to every pump or pumping system;



Functional control of the pump, after installation;



Quick intervention, thanks to alerts in real time;



Complete remote control of the pumps, with the DConnect app that signals any faults or errors in real time.

MAIN BENEFITS

Constant control and meticulous maintenance ensure:



GREATER EFFICIENCY



GREATER RELIABILITY



REAL ENERGY SAVINGS



GREATER DURABILITY OF THE SYSTEM

* Contact your nearest DAB branch or retailer to check availability and prices of the maintenance packages in your area of interest.



...THE EVOLUTION OF DCONNECT AND DAB LIVE!
FOR PROFESSIONALS AND END USERS

WORK JUST GOT SMARTER

H₂D SIMPLIFIES WORK ROUTINES: IT'S THE IDEAL TOOL FOR MEETING CUSTOMER NEEDS IN AN INSTANT AND GROWING YOUR BUSINESS.



H₂D TOOLS DELIVER PROFESSIONAL OUTCOMES AND BENEFITS FOR ALL

Improving workflows means freeing up time to focus on other areas of your business. By choosing H₂D, you improve customer service, reduce the number of emergencies and grow your business, effortlessly.



OPTIMIZE TIME AND WORK

On-site work is no longer always required: H₂D allows systems to be controlled remotely and, where needed, work on site is easier to plan.



LITTLE OR NO DISRUPTION

Remote monitoring reports faults in real time and allows you to address potential issues before they become a problem, and take prompt remedial action where required, ultimately reducing any disruption.



SATISFIED CUSTOMERS

With parameters optimized remotely, consistently smooth system operation is assured: the customer will never experience water issues again.



PROBLEM FIXED FIRST TIME, EVERY TIME

When there's no choice but to go to site, H₂D provides all the info you need to prepare the job beforehand for a quick and permanent fix, so the technician can get everything done in one go.



MORE SERVICE AND LESS URGENT CALLOUTS = INCREASED PROFIT

With remote control of systems, it's easy to offer 24/7 monitoring and preventive maintenance services. Systems are less prone to faults and emergencies, meanwhile your business grows.



BENEFITS FOR EVERY USER

Having satisfied customers is a real joy, as well as a point of professional pride: with H₂D, it's easy to keep house, apartment and small business owners and condominium property managers happy.

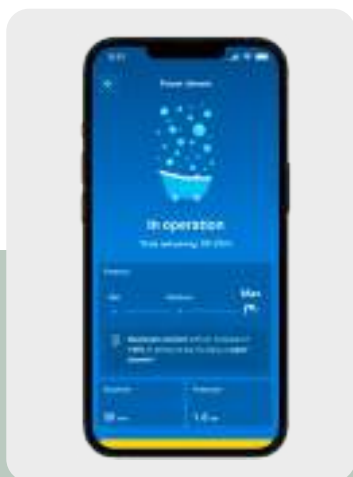
...AND FOR YOUR HOME TOO!

NOT JUST FOR PROFESSIONALS: H₂D IS FOR EVERYONE WHO LIVES IN THE HOME. THANKS TO INTELLIGENT FEATURES, IT TAKES COMFORT TO THE TOP, MONITORS CONSUMPTION AND DETECTS ANY IRREGULARITIES.



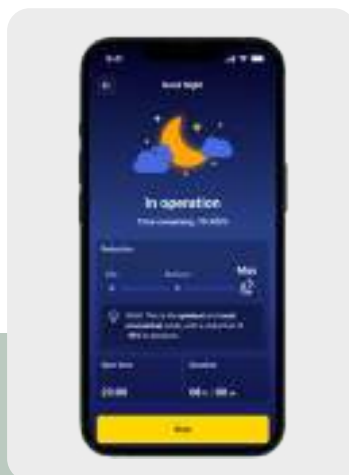
POWER SHOWER

To turn a regular shower into a "power shower", you need to boost water pressure to the max. H₂D lets you increase pressure parameters just for the time it takes to shower, while reducing usage for the rest of the day. Comfort guaranteed, every time.



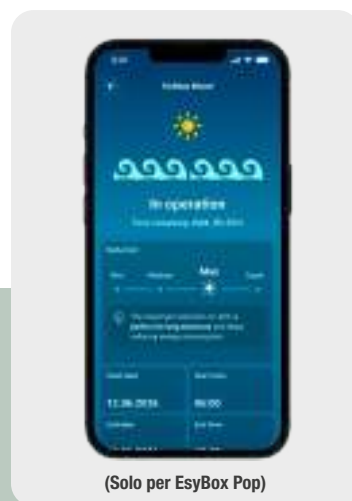
GOOD NIGHT

During the night, when even a slight buzz can sound noisy, you can turn on sleep mode, switching the already super quiet pump to whisper-quiet operation.



HOLIDAY MOOD

This important feature helps minimise device activity, thereby saving energy during vacations or extended periods when you are away.



OVERVIEW

On H₂D, you can get a real-time overview of your usage and the operating status of your system: if something's not right, contact customer support right away.



SMART HOME, TALK TO ESYBOX.

If you prefer, you can control comfort modes simply by talking to Alexa and Google Home voice assistants. Even while you're in the shower!

Activate
Good Night



Activate
Power shower

Getting started and using H₂D is easy: download the app, create your profile and off you go!



H₂D DIGITAL SERVICE

THE SMART PLATFORM FOR MANAGING DAB DEVICES REMOTELY



H₂D SUBSCRIPTIONS: BASIC AND PREMIUM PLANS

The app offers a free set of functions and becomes an irreplaceable working tool thanks to the available subscription solutions.



PROFESSIONALS

	BASIC	PREMIUM
REMOTE MONITORING BASIC PARAMETERS	✓	✓
REMOTE MONITORING AND CONTROL ALL PARAMETERS		✓
ALARMS: VIEW AND EXPORT (PDF, CSV)	Last alarm	Complete alarm log
IN-APP PUSH NOTIFICATIONS ALARMS AND EXPIRY DATES	✓	✓
SHARE OR TRANSFER INSTALLATION	Max. 2 utenti	Max. 10 utenti
COMPARE CURRENT / PREVIOUS MONTH CONSUMPTION	✓	✓
ANNUAL CONSUMPTION HISTORY (DAY, WEEK, MONTH)		✓
PDF DEVICE INSTANT REPORTING		✓



FINAL USERS

	BASIC	PREMIUM
COMPARE CURRENT / PREVIOUS MONTH CONSUMPTION	✓	✓
ANNUAL CONSUMPTION HISTORY (DAY, WEEK, MONTH)		✓
CONTROL BASIC PARAMETERS		✓
COMFORT FUNCTIONS: POWER SHOWER, GOOD NIGHT MODE	✓	✓
HOME ASSISTANTS (ALEXA, GOOGLE HOME)	✓	✓
ALARM DISPLAY	Last alarm only	Complete alarm log
IN-APP PUSH NOTIFICATIONS	✓	✓
REMOTE MONITORING BASIC PARAMETERS	✓	✓

Basic

Free

No expiration

- Real-time data
- Access to the main monitoring functions

Premium 1-1



20€*

1 year duration

- 1 month data retention
- Starter subscription option

Try it FREE for 2 months!

Premium 1-12



37€*

1 year duration

- 12 months data retention
- Advanced subscription option

Premium 3-12



80€*

3 years duration

- 12 months data retention
- Most comprehensive subscription option

* Net price - annual price per pump

For more information visit: h2d.com

ALL THE INFORMATION YOU NEED

DNA is the DAB software that allows you to find the pump model best suited to your needs in seconds



Frequent update and ease of use

Perfect support tool for engineers, installers and dealers

Provides the entire DAB spare parts list and all technical documentation

Uses two different logical selection criteria, by hydraulic performance or by pump model

It can be used on line, or downloaded for PC installation, from the **dna.dabpumps.com** website



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ELECTRONIC WET-ROTOR
CIRCULATORS

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COMPLIANT

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ErP
COMPLIANT

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EVOSTA 2 SOL
ELECTRONIC WET-ROTOR
CIRCULATORS

ErP
COMPLIANT

FA **PAGE 20**



EVOSTA 2 SAN V, R
ELECTRONIC WET-ROTOR CIRCULATORS

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EVOSTA 2 SAN
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EVOPLUS LITE
WET ROTOR ELECTRONIC CIRCULATORS

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EVOPLUS LITE SAN
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EVOPLUS SMALL
ELECTRONIC CIRCULATORS
WET ROTOR

ErP
COMPLIANT

EV **NEW** **PAGE 25**



EVOPLUS
ELECTRONIC CIRCULATORS
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EVOPLUS SMALL SAN
ELECTRONIC CIRCULATORS
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EVOPLUS SAN
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VA
WET ROTOR CIRCULATORS

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A, B, D
WET ROTOR CIRCULATORS

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BPH, BMH, DPH, DMH
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KLPE / DKLPE
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CP2E, CP2-GE / DCP2E, DCP2-GE
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CME, CM-GE / DCME, DCM-GE - MCE-C - 4 POLES
IN-LINE PUMPS
ELECTRONIC

WITH **MCE-C**

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CPE, CP-GE / DCPE, DCP-GE - MCE-C - 2 POLES
ELECTRONIC IN-LINE PUMPS

WITH **MCE-C**

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ALM, ALP
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KLM, KLP / DKLM, DKLP
IN-LINE PUMPS

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CM2, CM2-G / DCM2, DCM2-G
IN-LINE PUMPS

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CP2, CP2-G / DCP2, DCP2-G
IN-LINE PUMPS

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CM, CM-G / DCM, DCM-G
IN-LINE PUMPS

BT - BU **PAGE 67**



CP, CP-G / DCP, DCP-G
IN-LINE PUMPS

BT - BU **PAGE 72**



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**TECHNICAL
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WHICH PUMP DO YOU NEED? FOLLOW THESE STEPS:

FLOW

Since water acts as a transport medium for heat, the flow rate to be guaranteed increases as the amount of heat required increases, while it decreases as the temperature difference between the flow and return of the heat generator increases.

The following table provides the (maximum) flow rate values based on installation conditions.

$$Q [m^3/h] = P[kW] / (1,16 \times \Delta T)$$

P: power of the heat generator for heating, in kW

ΔT: temperature difference between flow and return of the heat generator, C.

TEMPERATURE DIFFERENCE BETWEEN FLOW - RETURN	HEATING BOILER SIZE		
	12 kW	25 kW	35 kW
7°C (FLOOR SYSTEM)	1,48	3,08	4,31
10°C FANCOIL	1,03	2,16	3,02
20°C (RADIATOR SYSTEM)	0,52	1,08	1,51

Flow rate in m³/h depending on temperature difference and boiler power in heating mode

HEAD

The exact calculation would involve evaluating point losses (bends, valves, diameter variations, etc..) and distributed losses (pressure losses due to friction in pipes).

If a system consists of several zones (e.g. distribution with manifolds supplying several underfloor circuits), the head should be calculated by taking as a reference the **most disadvantaged circuit** (the one with the highest pressure drop).

However, for approximate sizing, it is possible to use the empirical formula that envisages a head of 15 to 20% (depending on the diameter of the pipes and their degree of obstruction) **of the longest distance to be covered** (L, sum of the outward and return flow) from the heating plant to the terminal furthest away from it, whether horizontal or vertical.

$$H [m] = 0,15 \times L [m]$$

$$H [m] = 0,20 \times L [m] \text{ Old pipes / reduced diameter}$$

L: distance (outward + return flow) between heat generator and the most disadvantaged radiator, in m.

EXAMPLE OF SIZING

EXAMPLE	CALCULATION	INDICATIVE PUMP CHOICE
A house has a boiler with a heating power of 25 kW. The emission system consists of radiators equipped with thermostatic heads. The approximate length of the circuit (outward + return flow) is 25 metres 	$P = 25kW$ $\Delta T = 15^\circ C$ $Q = 25 / (1,16 \times 15) = 1,4 m^3/h$ $H = 0,15 \times 25 = 3,75 m$	 EVOSTA 2

EVOSTA RANGE



Only for EU markets



A new range for the market of tomorrow

Over 20 million circulators sold.

History and know-how, together with the in-house design of the mechanics and electronics and the new DAB 4.0 factory, make the new Evosta electronic wet rotor circulators utterly innovative in terms of technology, reliability and performance.



IPX5 TESTING

In this way, the infiltration of moisture is no longer an issue.

The IPX5 degree of protection is tested by firing a water jet from a 6.3 mm nozzle from every direction to ensure the water-tightness of the circulator.



For version Evosta 2 SOL protection glass IPX4

CALCIUM REMOVAL CARTRIDGE

The Evosta calcium removal system keeps the motor shaft in perfect condition, preventing the normal formation of limescale generally caused by air and water residue.



SELECTION GUIDE

					
	EVOSTA 3	EVOSTA 2	EVOSTA 2 SAN	EVOSTA 2 SAN V, R	EVOSTA 2 SOL
					
5 Years Warranty (Only for EU markets)	•	•	•	•	•
Display	•				
Quick connection plug	•				
Proportional differential pressure regulation mode	•	•	•		•
Constant differential pressure regulation mode	•	•	•		•
Fixed speed regulation mode	•	•	•	•	•
Dry run protection	•			•	
Auto-venting	•				
Air vent plug	•	•	•		•
Auto-unlock	•	•	•	•	•
Calcium removal cartridge	•	•	•		•

EVOSTA 2

ELECTRONIC WET-ROTOR CIRCULATORS



DAB's Evosta 2 is an electronic wet-rotor circulator designed for water recirculation in heating and air conditioning systems in domestic and residential installations.

Evosta 2 has a permanent magnet synchronous motor and variable frequency drive electronics that automatically adapts performance to system demands, saving energy and protecting against water hammer.

Ideal for replacing old three-speed circulators, both for its compact size and for the completeness offered in terms of performance. It offers the robustness of a mechanical circulator combined with the advantages of an electronic one.

Easy to set up: a sequential button allows you to scroll through the nine operating modes, three proportional pressure, three constant pressure, three constant speed.

All models have an air vent plug and allow manual release of the motor shaft. Threaded suction and delivery ports. Technopolymer impeller. Cataphoresis treated cast iron pump body, stainless steel motor casing. Water-resistant electronics with IPX5 protection degree.

The calcium removal cartridge included keeps the motor shaft in perfect condition, preventing the normal limescale build-up that can occur inside the circulator if air bubbles are present during initial installation.

Operating range

0.4 to 3.6 m³/h with head up to 6.9 metres.

Liquid temperature range

-10 °C to +110 °C.

Working pressure

10 bar (1000 kPa).

Protection degree

IPX5.

Insulation class

F.

Installation

with horizontal motor shaft.

Standard power supply

single-phase 1x230V/50/60 Hz.

Pumped liquid

clean, free of solids and mineral oils, non-viscous, chemically neutral, close to the characteristics of water (glycol max.

50%).

EVOSTA 2



ONLINE
TRAINING



ACCESSORIES
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MODEL	CODE	PRICE €	CENTRE DISTANCE mm	PUMP COUP.	ELECTRICAL DATA			HYDRAULIC DATA								EEI	WEIGHT KG	QTY PER PALLET	
					POWER SUPPLY 50/60 Hz	P1 MAX W	In A	Q=m³/h	0	0.3	0.6	0.9	1.8	2.4	3.0				3.6
								Q=l/min	0	5	10	15	30	40	50				60
EVOSTA2 40-70/130 (1/2")	60186047	264	130	DN15 THREADED (G 1")	1x230 V ~	35	0,043 -0,32	H (m)	6.9	6.9	5.8	5.1	3.4	2.4	1.6	0.8	≤0,18	1.86	276
EVOSTA2 40-70/130 (1")	60186046	264	130	DN25 THREADED (G 1 ½")	1x230 V ~	35	0,043 -0,32		6.9	6.9	5.8	5.1	3.4	2.4	1.6	0.8	≤0,18	2.02	276
EVOSTA2 40-70/180 (1")	60185492	264	180	DN25 THREADED (G 1 ½")	1x230 V ~	35	0,043 -0,32		6.9	6.9	5.8	5.1	3.4	2.4	1.6	0.8	≤0,18	2.19	198
EVOSTA2 40-70/180X (1"1/4)	60186050	267	180	DN32 THREADED (G 2")	1x230 V ~	35	0,043 -0,32		6.9	6.9	5.8	5.1	3.4	2.4	1.6	0.8	≤0,18	2.35	198

EVOSTA 3

ELECTRONIC WET-ROTOR CIRCULATORS



DAB's Evosta 3 is an electronic wet-rotor circulator designed for water recirculation in heating and air conditioning systems in domestic and residential installations.

It is the first circulator with protection degree IPX5. Permanent magnet synchronous motor and variable frequency drive electronics that automatically adapts performance to system demands, saving energy and protecting against water hammer.

Easy to set up: a sequential button allows you to scroll through the nine operating modes, three proportional pressure, three constant pressure, three constant curve.

All models have an air vent plug, an auto-venting function and allow manual release of the motor shaft. Threaded suction and delivery ports. Technopolymer impeller. Includes insulation shells. Cathaphoresis treated cast iron pump body, stainless steel motor casing.

Evosta 3 is equipped with a display to show the height in metres of the selected curve, instantaneous power absorption in watts, instantaneous head and instantaneous flow rate. Thanks to the new interchangeable standard Evosta 3 plug, it can also be powered from other brands' connectors without rewiring.

The calcium removal cartridge included keeps the motor shaft in perfect condition, preventing the normal limescale build-up that can occur inside the circulator if air bubbles are present during initial installation.

Operating range

0.4 - 4.2 m³/h with head up to 8 metres.

Liquid temperature range

-10 °C to +110 °C.

Working pressure

10 bar (1000 kPa).

Protection degree

IPX5.

Insulation class

F.

Installation

with horizontal motor shaft.

Standard power supply

single-phase 1x230 V~50/60 Hz.

Pumped liquid

clean, free of solids and mineral oils, non-viscous, chemically neutral, close to the characteristics of water (glycol max. 50%).

EVOSTA 3



ONLINE
TRAINING



ACCESSORIES
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MODEL	CODE	PRICE €	CENTRE DISTANCE mm	PUMP COUP.	ELECTRICAL DATA			HYDRAULIC DATA								EEI	WEIGHT KG	QTY PER PALLET	
					POWER SUPPLY 50/60 Hz	P1 MAX W	In A	Q=m³/h	0	0.4	0.6	0.9	1.2	1.8	2.1				2.9
								Q=l/min	0	6	10	15	20	30	35				48
EVOSTA3 40/130 (1/2")	60186088	306	130	DN15 THREADED (G 1")	1 x230V ~	20	0,034 -0,18	H (m)	4	4	3.5	2.9	2.5	1.7	1.3	0.5	≤0,17	1.9	168
EVOSTA3 40/130 (1")	60186086	306	130	DN25 THREADED (G 1 ½")	1x230V ~	20	0,034 -0,18		4	4	3.5	2.9	2.5	1.7	1.3	0.5	≤0,17	2.05	168
EVOSTA3 40/180 (1")	60186077	306	180	DN25 THREADED (G 1 ½")	1x230V ~	20	0,034 -0,18		4	4	3.5	2.9	2.5	1.7	1.3	0.5	≤0,17	2.22	168
EVOSTA3 40/180X (1"1/4)	60186078	310	180	DN32 THREADED (G 2")	1x230V ~	20	0,034 -0,18		4	4	3.5	2.9	2.5	1.7	1.3	0.5	≤0,17	2.38	168

MODEL	CODE	PRICE €	CENTRE DISTANCE mm	PUMP COUP.	ELECTRICAL DATA			HYDRAULIC DATA								EEI	WEIGHT KG	QTY PER PALLET	
					POWER SUPPLY 50/60 Hz	P1 MAX W	In A	Q=m³/h	0	0.6	1.2	1.5	2.1	2.4	3.0				3.6
								Q=l/min	0	9	20	25	35	40	50				60
EVOSTA3 60/130 (1/2")	60186090	344	130	DN15 THREADED (G 1")	1 x 230 V ~	35	0,042 -0,33	H (m)	6	6	4.4	3.8	2.8	2.3	1.5	0.7	≤0,18	1.9	168
EVOSTA3 60/130 (1")	60186052	344	130	DN25 THREADED (G 1 ½")	1x230 V ~	35	0,042 -0,33		6	6	4.4	3.8	2.8	2.3	1.5	0.7	≤0,18	2.05	168
EVOSTA3 60/180 (1")	60185506	344	180	DN25 THREADED (G 1 ½")	1x230 V ~	35	0,042 -0,33		6	6	4.4	3.8	2.8	2.3	1.5	0.7	≤0,18	2.22	168
EVOSTA3 60/180X (1"1/4)	60186079	350	180	DN32 THREADED (G 2")	1x230 V ~	35	0,042 -0,33		6	6	4.4	3.8	2.8	2.3	1.5	0.7	≤0,18	2.38	168

MODEL	CODE	PRICE €	CENTRE DISTANCE mm	PUMP COUP.	ELECTRICAL DATA			HYDRAULIC DATA										EEI	WEIGHT KG	QTY PER PALLET
					POWER SUPPLY 50/60 Hz	P1 MAX W	In A	Q=m³/h	0	0.6	0.9	1.2	2.7	3.3	3.9	4.2				
								Q=l/min	0	10	15	20	45	55	65	70				
EVOSTA3 80/130 (1/2")	60186091	414	130	DN15 THREADED (G 1")	1x230 V ~	55	0,053 -0,47	H(m)	8	8	7.2	6.5	3.7	2.6	1.6	1	≤0,19	1.9	168	
EVOSTA3 80/130 (1")	60186087	414	130	DN25 THREADED (G 1 ½")	1x230 V ~	55	0,053 -0,47		8	8	7.2	6.5	3.7	2.6	1.6	1	≤0,19	2.05	168	
EVOSTA3 80/180 (1")	60185505	414	180	DN25 THREADED (G 1 ½")	1x230 V ~	55	0,053 -0,47		8	8	7.2	6.5	3.7	2.6	1.6	1	≤0,19	2.22	168	
EVOSTA3 80/180X (1"1/4)	60186085	419	180	DN32 THREADED (G 2")	1x230 V ~	55	0,053 -0,47		8	8	7.2	6.5	3.7	2.6	1.6	1	≤0,19	2.38	168	

EVOSTA 2 SOL

ELECTRONIC WET-ROTOR CIRCULATORS



DAB's Evosta 2 Sol is an electronic wet-rotor circulator designed for water recirculation in solar panel heating systems in domestic and residential installations.

Equipped with a permanent magnet synchronous motor and variable frequency drive electronics that automatically adapts performance to system demands, saving energy and protecting against water hammer.

Easy to set up: a sequential button allows you to scroll through the operating modes.

All models have an air vent plug and allow manual release of the motor shaft. Threaded suction and delivery ports. Technopolymer impeller. Cataphoresis treated cast iron pump body, stainless steel motor casing.

A version with an external PWM signal is available (cable with 1.5 m connector). MOLEX power cable with 1.5 m connector. The calcium removal cartridge included keeps the motor shaft in perfect condition, preventing the normal limescale build-up that can occur inside the circulator if air bubbles are present during initial installation.

Operating range

0 - 4 m³/h with head up to 14.5 metres.

Liquid temperature range

-10°C to +110°C (130°C with 60°C ambient).

Working pressure

10 bar (1000 kPa).

Insulation class

F.

Installation

with horizontal motor shaft.

Standard power supply

single-phase 1x115-230 V~ 50/60 Hz.

Power cable

MOLEX connector with 1.5 m cable.

PWM signal cable

PWM connector with 1.5 m cable (SOL PWM versions only)

Pumped liquid clean, free of solids and mineral oils, non-viscous, chemically neutral, close to the characteristics of water (glycol max. 50%).

EVOSTA 2 SOL

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MODEL	CODE	PRICE €	CENTRE DISTANCE mm	PUMP COUP.	ELECTRICAL DATA			HYDRAULIC DATA												EEI	WEIGHT KG	QTY PER PALLET
					POWER SUPPLY 50/60 Hz	P1 MAX W	In A	Q=m³/h	0	0.5	1	1.5	2	2.5	3	3.5	4					
								Q=l/min	0	8	16	25	33	40	50	60	66					
EVOSTA2 75/130 SOL (1/2")	60188450	475	130	DN15 THREADED (G 1")	1x230 V ~	47	0,07-0,4	H (m)	7.5	7.5	6.2	5.1	4.2	3.4	2.5	1.7	0.9	≤0,20	1.91	198		
EVOSTA2 75/130 SOL (1")	60188404	475	130	DN25 THREADED (G 1 ½")	1x230 V ~	47	0,07-0,4		7.5	7.5	6.2	5.1	4.2	3.4	2.5	1.7	0.9	≤0,20	2.07	198		
EVOSTA2 75/180 SOL (1")	60188405	475	180	DN25 THREADED (G 1 ½")	1x230 V ~	47	0,07-0,4		7.5	7.5	6.2	5.1	4.2	3.4	2.5	1.7	0.9	≤0,20	2.24	198		
EVOSTA2 105/130 SOL (1/2")	60188451	507	130	DN15 THREADED (G 1")	1x230 V ~	48	0,055-0,4		10.5	9	6.8	5.4	4.1	3.2	2	0.8		≤0,20	1.91	198		
EVOSTA2 105/130 SOL (1")	60188421	507	130	DN25 THREADED (G 1 ½")	1x230 V ~	48	0,055-0,4		10.5	9	6.8	5.4	4.1	3.2	2	0.8		≤0,20	2.07	198		
EVOSTA2 105/180 SOL (1")	60188427	507	180	DN25 THREADED (G 1 ½")	1x230 V ~	48	0,055-0,4		10.5	9	6.8	5.4	4.1	3.2	2	0.8		≤0,20	2.24	198		
EVOSTA2 145/130 SOL (1/2")	60188452	537	130	DN15 THREADED (G 1")	1x230 V ~	59	0,07-0,5		14.3	10.2	8.2	6.2	5	3.8	2.2	1.2		≤0,20	1.91	198		
EVOSTA2 145/130 SOL (1")	60188429	537	130	DN25 THREADED (G 1 ½")	1x230 V ~	59	0,07-0,5		14.3	10.2	8.2	6.2	5	3.8	2.2	1.2		≤0,20	2.07	198		
EVOSTA2 145/180 SOL (1")	60188432	537	180	DN25 THREADED (G 1 ½")	1x230 V ~	59	0,07-0,5		14.3	10.2	8.2	6.2	5	3.8	2.2	1.2		≤0,20	2.24	198		

MODEL	CODE	PRICE €	CENTRE DISTANCE mm	PUMP COUP.	ELECTRICAL DATA			HYDRAULIC DATA												EEI	WEIGHT KG	QTY PER PALLET
					POWER SUPPLY 50/60 Hz	P1 MAX W	In A	Q=m³/h	0	0.5	1	1.5	2	2.5	3	3.5	4					
								Q=l/min	0	8	16	25	33	40	50	60	66					
EVOSTA2 75/130 SOL PWM (1/2")	60188453	501	130	DN15 THREADED (G 1")	1x230 V ~	47	0,07-0,4	H (m)	7.5	7.5	6.2	5.1	4.2	3.4	2.5	1.7	0.9	≤0,20	1.96	198		
EVOSTA2 75/130 SOL PWM (1")	60188443	501	130	DN25 THREADED (G 1 ½")	1x230 V ~	47	0,07-0,4		7.5	7.5	6.2	5.1	4.2	3.4	2.5	1.7	0.9	≤0,20	2.12	198		
EVOSTA2 75/180 SOL PWM (1")	60188444	501	180	DN25 THREADED (G 1 ½")	1x230 V ~	47	0,07-0,4		7.5	7.5	6.2	5.1	4.2	3.4	2.5	1.7	0.9	≤0,20	2.29	198		
EVOSTA2 105/130 SOL PWM (1/2")	60188454	531	130	DN15 THREADED (G 1")	1x230 V ~	48	0,055-0,4		10.5	9	6.8	5.4	4.1	3.2	2	0.8		≤0,20	1.96	198		
EVOSTA2 105/130 SOL PWM (1")	60188445	531	130	DN25 THREADED (G 1 ½")	1x230 V ~	48	0,055-0,4		10.5	9	6.8	5.4	4.1	3.2	2	0.8		≤0,20	2.12	198		
EVOSTA2 105/180 SOL PWM (1")	60188447	531	180	DN25 THREADED (G 1 ½")	1x230 V ~	48	0,055-0,4		10.5	9	6.8	5.4	4.1	3.2	2	0.8		≤0,20	2.29	198		
EVOSTA2 145/130 SOL PWM (1/2")	60188455	561	130	DN15 THREADED (G 1")	1x230 V ~	59	0,07-0,5		14.3	10.2	8.2	6.2	5	3.8	2.2	1.2		≤0,20	1.96	198		
EVOSTA2 145/130 SOL PWM (1")	60188448	561	130	DN25 THREADED (G 1 ½")	1x230 V ~	59	0,07-0,5		14.3	10.2	8.2	6.2	5	3.8	2.2	1.2		≤0,20	2.12	198		
EVOSTA2 145/180 SOL PWM (1")	60188449	561	180	DN25 THREADED (G 1 ½")	1x230 V ~	59	0,07-0,5		14.3	10.2	8.2	6.2	5	3.8	2.2	1.2		≤0,20	2.29	198		

EVOSTA 2 SAN V, R

ELECTRONIC WET-ROTOR CIRCULATORS



DAB's Evosta 2 San is a wet-rotor circulator designed to circulate domestic hot water in small systems in domestic and residential installations.

Synchronous motor. Threaded suction and delivery ports. Brass pump body.

V versions with fittings with built-in non-return valve and ball gate valve, R versions with threads without non-return valve and gate valve.

Consistent energy savings, the circulator consumes only 7 W.

Operating range

0 - 0.6 m³/h with head up to 1.1 metres.

Liquid temperature range

+2 °C to +75 °C.

Working pressure 10 bar (1000 kPa).

Protection degree IP42.

Motor insulation class II.

Installation

fixed with horizontal motor shaft.

Standard power supply

single-phase 1x 230 V/50/60 Hz.

Pumped liquid clean, free of solids and mineral oils, non-viscous, chemically neutral.

EVOSTA 2

SAN V/R



ONLINE
TRAINING

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MODEL	CODE	PRICE €	CENTRE DISTANCE mm	PUMP COUP.	ELECTRICAL DATA			HYDRAULIC DATA								WEIGHT KG	QTY PER PALLET
					POWER SUPPLY 50/60 Hz	P1 MAX W	In A	Q=m³/h	0	0.1	0.2	0.3	0.4	0.5	0.6		
									Q=l/min	0	1.6	3.3	5.0	6.6	8.3	10	
EVOSTA2 11/85 SAN R1/2" CIRC.	60187267	182	85	G 1/2" internal thread	1x115-230 V~ 50/60 Hz	7	0.07	H (m)	1.1	1	0.87	0.73	0.58	0.4	0.23	1.06	200
EVOSTA2 11/139 SAN V CIRC.	60187268	220	139	G 1" external thread	1x115-230 V~ 50/60 Hz	7	0.07		1.1	0.93	0.76	0.59	0.4	0.23	0.7	1.26	200

GROUPING: F9

EVOSTA 2 SAN

ELECTRONIC WET-ROTOR CIRCULATORS



DAB's Evosta 2 San is an electronic wet-rotor circulator designed to circulate domestic hot water in systems in domestic and residential installations.

The permanent magnet synchronous motor and variable frequency drive electronics automatically adapt performance to system demands, saving energy and protecting against water hammer.

Easy to set up: a sequential button allows you to scroll through the nine operating modes, three proportional pressure, three constant pressure, three constant speed curves.

All models have a brass air vent plug and allow manual release of the motor shaft. Threaded suction and delivery ports. Bronze pump body. Electronics protected against water ingress with IPX5 protection. No overload protection required.

The calcium removal cartridge included keeps the motor shaft in perfect condition, preventing the normal limescale build-up that can occur inside the circulator if air bubbles are present during initial installation.

Operating range

0.4 to 4.2 m³/h with head up to 8 metres.

Liquid temperature range

-10 °C to +110 °C.

Working pressure 10 bar (1000 kPa).

Protection degree IPX5.

Insulation class F.

Installation

fixed with horizontal motor shaft.

Standard power supply

single-phase 1x 230 V/50/60 Hz

Pumped liquid clean, free of solids and mineral oils, non-viscous, chemically neutral, close to the characteristics of water.

EVOSTA 2

SAN



ONLINE
TRAINING

ACCESSORIES
PAGE 77

MODEL	CODE	PRICE €	CENTRE DISTANCE mm	PUMP COUP.	ELECTRICAL DATA			HYDRAULIC DATA								WEIGHT KG	QTY PER PALLET
					POWER SUPPLY 50/60 Hz	P1 MAX W	In A	Q=m³/h	0	0.9	1.8	2.4	3.0	3.6	4.2		
									Q=l/min	0	15	30	40	50	60	70	
EVOSTA2 40-70/150 SAN (1")	60186164	397	150	DN25 THREADED (G 1 1/2")	1x230 V ~	35	0,043 - 0,32	H (m)	6.9	5.1	3.4	2.4	1.6	0.8		2.16	198
EVOSTA2 80/150 SAN (1")	60186588	449	150	DN25 THREADED (G 1 1/2")	1x230 V ~	55	0,053 - 0,47		8	7.2	5.4	4.2	3.2	2.1	1	2.16	198

EVOPLUS LITE

WET ROTOR ELECTRONIC CIRCULATORS



Energy-efficient circulator pump, ideally suited to heating and air-conditioning applications, designed to suit any systems demanding efficiency and reliable performance, as well as versatility. Reliable and long-lasting, once installed, it requires no further attention, outside of routine maintenance. Key to its versatility is the motor head, which can be turned to three different positions to accommodate the requirements of even the tightest spaces; there is the possibility to achieve up to six different performance levels (curves).

Increased separation between the motor and electronics with air circulating; sleep Mode function with automatic water circulating every 25 hours.

Only one plug and play connector; only one set-up button; easy to monitor thanks to intuitive interface, and the 7-LED display is easy to read.

Technopolymer impeller; aluminum motor shaft mounted on graphite bearings, lubricated by the actual fluid being pumped. Synchronous motor with permanent magnet rotor. Standard bling flange if maintenance of one of two motors is needed.

Single version available with 1 1/2" and 2" threaded connections, and with DN 32 and DN 40, PN 6 / PN 10 / PN 16 flanged connections.

Operating range from 2 to 12,5 m³/h with up to 12 meters head.

Liquid temperature range -20 °C to +110 °C.

Pumped liquid clean, free of solids and mineral oils, non-viscous, chemically neutral, properties akin to water. (max. glycol 50%).

Maximum working pressure 16 bar (1600 kPa).

Circulator protection degree IP X4.

Insulation class F.

Installation with horizontal motor shaft.

Standard flanged connections DN 32, DN 40 PN 6 / PN 10 / PN 16 (4 slots).

Maximum ambient temperature +40°C.

Required NPSH The values are given in the relevant tables.

Accessories 1/2"F, 3/4"F, 1"F, 1 1/4"F, 1 3/4" union fittings DN 32 PN 10 and DN 40 PN 10 threaded mating flanges.

Standard voltage single phase 220 - 240 V, 50/60Hz.

Standard voltage Sound pressure level: ≤ 33 dB(A).

EVOPLUS LITE



SINGLE UNIONS

MODEL	CODE	PRICE €	CENTRE DISTANCE mm	COUNTERFLANG. ON REQUEST	ELECTRICAL DATA			EEI PART 2	HYDRAULIC DATA											WEIGHT KG	Q.TY x PALLET		
					POWER INPUT 50/60 Hz	P1 MAX W	In A		Q=m³/h	0	1.8	2.4	3	4.2	5.4	6.6	7.8	9	10.2			11.4	
EVOPLUS LITE 60/180-25	60218203	602	180	-	220/240 V	98	0.78	EEI ≤ 0,20	H (m)	6.1	6.1	6	5.6	4.6	3.4	2.2	1				3.4	92	
EVOPLUS LITE 80/180-25	60218204	681	180	-	220/240 V	129	1.04	EEI ≤ 0,20		8	8	7.9	7.5	6.2	4.8	3.5	2.2	0.9				3.4	92
EVOPLUS LITE 120/180-25	60218205	774	180	-	220/240 V	184	1.49	EEI ≤ 0,20		12	12	11.5	10	8.5	7.1	5.7	4.3	2.9	1.5			3.4	92
EVOPLUS LITE 60/180-32	60218206	649	180	-	220/240 V	98	0.78	EEI ≤ 0,20		6.1	6.1	6	5.6	4.6	3.4	2.2	1					3.5	92
EVOPLUS LITE 80/180-32	60218207	756	180	-	220/240 V	129	1.04	EEI ≤ 0,20		8	8	7.9	7.5	6.2	4.8	3.5	2.2	0.9				3.5	92
EVOPLUS LITE 120/180-32	60218208	834	180	-	220/240 V	187	1.49	EEI ≤ 0,20		12	12	10.6	9.7	8.5	7.3	5.7	4.3	2.9	1.5				3.5

SINGLE WITH FLANGES

DN 32

MODEL	CODE	PRICE €	CENTRE DISTANCE mm	COUNTERFLANG. ON REQUEST	ELECTRICAL DATA			EEI PART 2	HYDRAULIC DATA												WEIGHT KG	Q.TY x PALLET
					POWER INPUT 50/60 Hz	P1 MAX W	In A		Q=m³/h	0	1.8	2.4	3	4.2	5.4	6.6	7.8	9	10.2	11.4		
EVOPLUS LITE 60/220-F32	60218209	711	220	DN32 PN 6	220/240 V	97	0.78	EEI ≤ 0,20	H (m)	6	6	6	5.5	4.5	3.5	2.6	1.6	0.7			6.3	64
EVOPLUS LITE 80/220-F32	60218210	787	220	DN32 PN 6	220/240 V	127	1.04	EEI ≤ 0,20		8	8	7.8	6.9	5.8	4.7	3.6	2.5	1.5			6.3	64
EVOPLUS LITE 120/220-F32	60218211	880	220	DN32 PN 6	220/240 V	185	1.49	EEI ≤ 0,20		12	12	10.6	9.7	8.5	7.3	6.1	4.9	3.7	2.5	1.3	6.3	64

DN 40

EVOPLUS LITE 60/250-F40	60218212	765	250	DN40 PN 10	220/240 V	97	0.78	EEI ≤ 0,20	H (m)	6	6	6	5.5	4.5	3.5	2.6	1.6	0.7			6.7	64
EVOPLUS LITE 80/250-F40	60218213	849	250	DN40 PN 10	220/240 V	128	1.04	EEI ≤ 0,20		8	8	7.9	7	5.9	4.9	3.9	2.8	1.8	0.8		6.7	64
EVOPLUS LITE 120/250-F40	60218214	948	250	DN40 PN 10	220/240 V	186	1.49	EEI ≤ 0,20		12	12	10.6	9.7	8.5	7.3	6.1	4.9	3.7	2.5	1.3	6.7	64

EVOPLUS LITE SAN

WET ROTOR ELECTRONIC CIRCULATORS



DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING



EVOPLUS⁺ LITE_{SAN}

Energy-efficient circulator pump is designed to suit any systems demanding efficiency and reliable performance, as well as versatility.

The SAN version, featuring a bronze pump casing, has been specifically developed for recirculating domestic hot water: using the constant-temperature operating mode, the temperature of the water in the recirculation piping is controlled, without the need to use thermostatic valves, thus optimizing comfort.

Reliable and long-lasting, once installed, it requires no further attention, outside of routine maintenance. Key to its versatility is the motor head, which can be turned to three different positions to accommodate the requirements of even the tightest spaces; there is the possibility to achieve up to six different performance levels (curves).

Increased separation between the motor and electronics with air circulating; sleep Mode function with automatic water circulating every 25 hours.

Only one plug and play connector; only one set-up button; easy to monitor thanks to intuitive interface, and the 7-LED display is easy to read.

Technopolymer impeller; aluminum motor shaft mounted on graphite bearings, lubricated by the actual fluid being pumped. Synchronous motor with permanent magnet rotor. Standard bling flange if maintenance of one of two motors is needed.

Single version available with 1 1/2" and 2" threaded connections, and with DN 32 and DN 40, PN 6 / PN 10 / PN 16 flanged connections.

Operating range from 2 to 12,5 m³/h with up to 12 meters head.

Liquid temperature range -20 °C to +110 °C.

Pumped liquid clean, free of solids and mineral oils, non-viscous, chemically neutral, properties akin to water. (max. glycol 50%).

Maximum working pressure 16 bar (1600 kPa).

Circulator protection degree IP X4.

Insulation class F.

Installation with horizontal motor shaft.

Standard flanged connections DN 32, DN 40 PN 6 / PN 10 / PN 16 (4 slots).

Maximum ambient temperature +40°C.

Required NPSH The values are given in the relevant tables

Accessories 1/2"F, 3/4"F, 1"F, 1 1/4"F, 1 1/2"F union fittings DN 32 PN 10 and DN 40 PN 10 threaded mating flanges.

Standard voltage single phase 220 - 240 V, 50/60Hz.

Standard voltage Sound pressure level: ≤ 33 dB(A).

SINGLE UNIONS

MODEL	CODE	PRICE €	CENTRE DISTANCE mm	COUNTERFLANG. ON REQUEST	ELECTRICAL DATA			EEI PART 2	HYDRAULIC DATA												WEIGHT KG	Q.TY x PALLET		
					POWER INPUT 50/60 Hz	P1 MAX W	In A		Q=m³/h															
									0	1.8	2.4	3	4.2	5.4	6.6	7.8	9	10.2	11.4					
										Q=l/min	0	30	40	50	70	90	110	130	150	170	190			
EVOPLUS LITE SAN 60/180-25	60218215	849	180	-	220/240 V	98	0.78	EEI ≤ 0,20	H (m)	6.1	6.1	6	5.6	4.6	3.4	2.2	1					3.7	92	
EVOPLUS LITE SAN 80/180-25	60218216	923	180	-	220/240 V	129	1.04	EEI ≤ 0,20		6.1	8	7.9	7.5	6.2	4.8	3.5	2.2	0.9					3.7	92
EVOPLUS LITE SAN 120/180-25	60218217	999	180	-	220/240 V	187	1.49	EEI ≤ 0,20		12	12	11.5	10	8.5	7.1	5.7	4.3	2.9	1.5				3.7	92

SINGLE WITH FLANGES

DN 32

MODEL	CODE	PRICE €	CENTRE DISTANCE mm	COUNTERFLANG. ON REQUEST	ELECTRICAL DATA			EEI PART 2	HYDRAULIC DATA														WEIGHT KG	Q.TY x PALLET
					POWER INPUT 50/60 Hz	P1 MAX W	In A																	
									Q=m³/h	0	1.8	2.4	3	4.2	5.4	6.6	7.8	9	10.2	11.4				
										Q=l/min	0	30	40	50	70	90	110	130	150	170	190			
EVOPLUS LITE SAN 60/220-F32	60218218	924	220	DN32 PN 6	220/240 V	97	0.78	EEI ≤ 0,20	H (m)	6	6	6	5.5	4.5	3.5	2.6	1.6	0.7			7.2	64		
EVOPLUS LITE SAN 80/220-F32	60218219	998	220	DN32 PN 6	220/240 V	127	1.04	EEI ≤ 0,20		8	8	7.8	6.9	5.8	4.7	3.6	2.5	1.5			7.2	64		
EVOPLUS LITE SAN 120/220-F32	60218220	1.075	220	DN32 PN 6	220/240 V	185	1.49	EEI ≤ 0,20		12	12	10.6	9.7	8.5	7.3	6.1	4.9	3.7	2.5	1.3	7.2	64		

DN 40

EVOPLUS LITE SAN 60/250-F40	60218221	985	250	DN40 PN10	220/240 V	97	0.78	EEI ≤ 0,20	H (m)	6	6	6	5.5	4.5	3.5	2.6	1.6	0.7				7.7	64
EVOPLUS LITE SAN 80/250-F40	60218222	1.060	250	DN40 PN10	220/240 V	128	1.04	EEI ≤ 0,20		8	8	7.9	7	5.9	4.9	3.9	2.8	1.8	0.8			7.7	64
EVOPLUS LITE SAN 120/250-F40	60218223	1.135	250	DN40 PN10	220/240 V	186	1.49	EEI ≤ 0,20		12	12	10.6	9.7	8.5	7.3	6.1	4.9	3.7	2.5	1.3		7.7	64

EVOPlus⁺

NEW

MEET THE NEW FACE OF CIRCULATION



A design that translates into **reliability and efficiency**,
tailored to individual system needs.

DAB[®]
MAKING WATER EASY

EVOPLUS SMALL

ELECTRONIC CIRCULATORS FOR SMALL COLLECTIVE SYSTEMS



NEW



EvoPlus Small electronic circulation pumps can be used in heating, ventilation and air conditioning systems for residential and commercial buildings.

These electronically controlled wet rotor pumps ensure sufficient energy at all times, in all correctly sized systems, while at the same time providing low noise, greater comfort and a significant reduction in operating costs.

All models with flanged pump body are available in both single and twin versions.

The user interface is extremely user friendly.

Circulator protection degree IP44.

Insulation class F.

Standard voltage single-phase 220/240V, 50/60Hz.

Compliance with European standards

EN 61800-3 - EN 60335-1 - EN 60335-2-51.

Operating range

2 to 12 m³/h with head up to 11 metres.

Liquid temperature range

-10 °C to +110 °C.

Pumped liquid clean, free of solids and mineral oils, non-viscous, chemically neutral, close to the characteristics of water (glycol max. 50%).

Maximum working pressure 16 bar (1600 kPa).

Standard flanging single version available with 1 ½" and 2" threaded ports, and with flanged ports DN 32 and DN 40, PN 6 / PN 10 / PN 16. Twin version available with flanged pump body DN 32 and DN 40, PN 6 / PN 10 / PN 16.

Installation with horizontal motor shaft.

Communication protocols ModBus. Single version (with multifunction expansion module). Twin version (standard).

EVOPLUS⁺ SMALL



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via web portal
and DConnect app



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SINGLE UNIONS

MODEL	CODE	PRICE €	CENTRE DISTANCE mm	PUMP COUP.	UNIONS ON REQUEST		ELECTRICAL DATA			HYDRAULIC DATA								EEI PART 2	WEIGHT KG	QTY PER PALLET
					STANDARD	SPECIAL	POWER SUPPLY 50/60 Hz	P1 MAX W	In A	Q m³/h l/min	0	2.4	3	4.2	5.4	7.2	9.6			
EVOPLUS SMALL 40/180 M	60231351	699	180	1" ½	1" F	¾" F - 1¼" M	220/240 V	68	0.52	4.2	4.2	4	3.1	2.4				EEI ≤ 0,20	4.5	104
EVOPLUS SMALL 60/180 M	60220931	783	180	1" ½	1" F	¾" F - 1¼" M	220/240 V	100	0.72	6.1	6.1	5.8	4.6	3.4				EEI ≤ 0,20	4.5	104
EVOPLUS SMALL 80/180 M	60231353	882	180	1" ½	1" F	¾" F - 1¼" M	220/240 V	130	0.95	8.2	8.2	7.7	6.2	4.8	2.9			EEI ≤ 0,20	4.5	104
EVOPLUS SMALL 110/180 M	60231354	986	180	1" ½	1" F	¾" F - 1¼" M	220/240 V	170	1.18	11.1	10.1	9.2	7.5	5.9	3.9			EEI ≤ 0,21	4.5	104
EVOPLUS SMALL 40/180 XM	60231355	758	180	2"	1¼" F	-	220/240 V	68	0.51	4.1	4.1	4	3.1	2.2				EEI ≤ 0,20	4.7	104
EVOPLUS SMALL 60/180 XM	60231356	844	180	2"	1¼" F	-	220/240 V	100	0.71	6.1	6.1	5.7	4.5	3.4				EEI ≤ 0,20	4.7	104
EVOPLUS SMALL 80/180 XM	60220932	938	180	2"	1¼" F	-	220/240 V	130	0.93	8.1	8.1	7.6	6.2	4.9	3			EEI ≤ 0,20	4.7	104
EVOPLUS SMALL 110/180 XM	60231358	1.042	180	2"	1¼" F	-	220/240 V	170	1.18	11.3	10.2	9.5	7.9	6.3	4.3	2		EEI ≤ 0,20	4.7	104

SINGLE WITH FLANGES

DN 32

MODEL	CODE	PRICE €	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	ELECTRICAL DATA			HYDRAULIC DATA								EEI PART 2	WEIGHT KG	QTY PER PALLET
					POWER SUPPLY 50/60 Hz	P1 MAX W	In A	Q m³/h l/min	0	2.4	3	4.2	5.4	7.2	9.6			
EVOPLUS SMALL 40/220.32 M	60231359	801	220	DN32 PN 6	220/240 V	68	0.55	H(m)	4.2	4.2	4.2	3.3	2.5	1.3		EEI ≤ 0,20	7.5	51
EVOPLUS SMALL 60/220.32 M	60231360	885	220	DN32 PN 6	220/240 V	100	0.75		6.1	6.1	5.6	4.6	3.6	2.2		EEI ≤ 0,20	7.5	51
EVOPLUS SMALL 80/220.32 M	60231361	985	220	DN32 PN 6	220/240 V	132	0.97		8	8	7.3	6	4.9	3.3		EEI ≤ 0,20	7.5	51
EVOPLUS SMALL 110/220.32 M	60220933	1.083	220	DN32 PN 6	220/240 V	180	1.3		11.2	10.5	9.6	8.1	6.8	5	2.6	EEI ≤ 0,20	7.5	51

DN 40

EVOPLUS SMALL 40/250.40 M	60231363	879	250	DN40 PN 10	220/240 V	70	0.55	H(m)	4.2	4.2	4.2	3.3	2.5	1.3		EEI ≤ 0,20	7.5	51
EVOPLUS SMALL 60/250.40 M	60220934	965	250	DN40 PN 10	220/240 V	100	0.75		6.1	6.1	5.6	4.6	3.6	2.2		EEI ≤ 0,20	7.5	51
EVOPLUS SMALL 80/250.40 M	60231365	1.062	250	DN40 PN 10	220/240 V	132	0.97		8	8	7.3	6	4.9	3.3		EEI ≤ 0,20	7.5	51
EVOPLUS SMALL 110/250.40 M	60231366	1.164	250	DN40 PN 10	220/240 V	180	1.3		11.2	10.5	9.6	8.1	6.8	5	2.6	EEI ≤ 0,22	7.5	51

EVOPLUS SMALL

ELECTRONIC CIRCULATORS FOR SMALL COLLECTIVE SYSTEMS



TWIN FLANGES

DN 32

MODEL	CODE	PRICE €	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	ELECTRICAL DATA			HYDRAULIC DATA								EEI PART 2	WEIGHT KG	QTY PER PALLET
					POWER SUPPLY 50/60 Hz	P1 MAX W	In A	Q m³/h l/min	0	2.4	3	4.2	5.4	7.2	9.6			
EVOPLUS SMALL D 40/220.32 M	60231367	1.882	220	DN32 PN6	220/240 V	70	0.55	H (m)	4.2	4.2	4.2	3.3	2.5	1.3		EEI ≤ 0,23	13.5	30
EVOPLUS SMALL D 60/220.32 M	60231368	2.045	220	DN32 PN6	220/240 V	95	0.75		6.1	6.1	5.6	4.6	3.6	2.2		EEI ≤ 0,23	13.5	30
EVOPLUS SMALL D 80/220.32 M	60220935	2.235	220	DN32 PN6	220/240 V	130	0.95		8	8	7.3	6	4.9	3.3		EEI ≤ 0,23	13.5	30
EVOPLUS SMALL D 110/220.32 M	60231370	2.440	220	DN32 PN6	220/240 V	190	1.3		11.2	10.5	9.6	8.1	6.8	5	2.6	EEI ≤ 0,23	13.5	30

DN 40

EVOPLUS SMALL D 40/250.40 M	60231371	2.015	250	DN40 PN10	220/240 V	75	0.55	H (m)	4.2	4.2	4.2	3.3	2.5	1.3		EEI ≤ 0,22	14.2	30
EVOPLUS SMALL D 60/250.40 M	60220936	2.179	250	DN40 PN10	220/240 V	100	0.75		6.1	6.1	5.6	4.6	3.6	2.2		EEI ≤ 0,22	14.2	30
EVOPLUS SMALL D 80/250.40 M	60231373	2.371	250	DN40 PN10	220/240 V	135	0.95		8	8	7.3	6	4.9	3.3		EEI ≤ 0,23	14.2	30
EVOPLUS SMALL D 110/250.40 M	60231374	2.572	250	DN40 PN10	220/240 V	190	1.3		11.2	10.5	9.6	8.1	6.8	5	2.6	EEI ≤ 0,22	14.2	30

DAB SERVICES

HEATING AND AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER SETS

END SUCTION AND VERTICAL MULTISTAGE PUMPS

DRAINAGE AND SEWAGE

GROUNDWATER AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

EVOPLUS

ELECTRONIC CIRCULATORS FOR COLLECTIVE SYSTEMS

NEW



Evoplus electronic circulation pumps can be used in heating, ventilation and air conditioning systems for residential and commercial buildings. These electronically controlled wet rotor pumps ensure sufficient energy at all times, in all correctly sized systems, while at the same time providing low noise, greater comfort and a significant reduction in operating costs. All models with flanged pump body are available in both single and twin versions. The user interface is extremely user friendly.

Circulator protection degree IP44.**Insulation class** F.**Standard voltage** single-phase 220/240V, 50/60Hz.**Compliance with European standards**

EN 61800-3 - EN 60335-1 - EN 60335-2-51.

Operating range

3 to 75.6 m³/h with head up to 18 metres.

Liquid temperature range

-10 °C to +110 °C.

Pumped liquid

clean, free of solids and mineral oils, non-viscous, chemically neutral, close to the characteristics of water (glycol max. 50%).

Maximum working pressure

16 bar (1600 kPa).

Standard flanging

DN 32, DN 40, DN 50, DN 65, PN 6 / PN 10 / PN 16 (4 slots), DN 80 and DN 100, PN 6 (4 slots) useable with 4-hole flanges PN10.

Special designs on request

DN 80, DN 100 PN 10 / PN 16 (8 holes)

Installation with horizontal motor shaft.**Communication protocols** ModBus (standard).

EVOPLUS⁺

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SINGLE WITH FLANGES

DN 32

MODEL	CODE	PRICE €	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	ELECTRICAL DATA			HYDRAULIC DATA																EEI PART 2	WEIGHT KG	QTY PER PALLET	
					POWER SUPPLY 50/60 Hz	P1 MAX W	In A	Q m³/h l/min	0	4.2	5.4	7.2	9.6	12	14.4	18	24	30	36	42	54	72					
									0	70	90	120	160	200	240	300	400	500	600	700	900	1200					
EVOPLUS 120/220.32M	60220908	1.742	220	DN32 PN 6	220/240 V	340	1.7	H(m)	12.1	11.5	10.7	9.5	7.9	6.3	4.7	2.2									EEI ≤0,22	24	16

DN 40

EVOPLUS 40/220.40 M	60231400	1.661	220	DN40 PN 10	220/240 V	90	0.7	H (m)	4	3.6	3.1	2.5	1.7											EEI ≤ 0,23	20.8	16
EVOPLUS 60/220.40 M	60231401	1.723	220	DN40 PN 10	220/240 V	175	1		6		5.9	5.1	4.1	3	2									EEI ≤ 0,23	20.8	16
EVOPLUS 80/220.40 M	60220909	1.781	220	DN40 PN 10	220/240 V	260	1.35		8		7.9	7.4	6.1	5	3.7	2								EEI ≤ 0,21	20.8	16
EVOPLUS 100/220.40 M	60231402	1.899	220	DN40 PN 10	220/240 V	350	1.75		10			9.7	8.3	7	5.5	3.5								EEI ≤ 0,20	20.8	16
EVOPLUS 120/250.40 M	60220910	2.042	250	DN40 PN 10	220/240 V	465	2.2		12			11.5	10.1	8.7	7.3	5.2								EEI ≤ 0,20	20	16
EVOPLUS 150/250.40 M	60231403	2.533	250	DN40 PN 10	220/240 V	610	2.9		15			14.5	12.8	11.3	9.7	7.5	3.8							EEI ≤ 0,20	20	16
EVOPLUS 180/250.40 M	60231404	2.929	250	DN40 PN 10	220/240 V	610	2.9		18		16.2	14.6	13	11.2	9.6	7.4	3.9							EEI ≤ 0,20	20	16

DN 50

EVOPLUS 40/240.50 M	60231405	1.860	240	DN50 PN 10	220/240 V	140	0.87	H (m)	4		3.9	3.6	3.1	2.6	2.1	1.4								EEI ≤ 0,23	21.4	16
EVOPLUS 60/240.50 M	60220911	2.179	240	DN50 PN 10	220/240 V	260	1.35		6				5.4	4.7	4	3.2	1.6							EEI ≤ 0,21	21.4	16
EVOPLUS 80/240.50 M	60231406	2.358	240	DN50 PN 10	220/240 V	330	0.87		8			7.4	6.6	5.9	5.2	4.2	2.6							EEI ≤ 0,21	21.4	16
EVOPLUS 100/280.50 M	60231407	2.533	280	DN50 PN 10	220/240 V	430	2.1		10			9.4	8.4	7.5	6.7	5.5	3.6	2						EEI ≤ 0,20	22	16
EVOPLUS 120/280.50 M	60220912	2.731	280	DN50 PN 10	220/240 V	530	2.5		12			11	9.9	9	8.2	6.9	4.8	3						EEI ≤ 0,19	21.8	16
EVOPLUS 150/280.50 M	60231408	3.009	280	DN50 PN 10	220/240 V	640	3		15.3			12.4	11.5	10.6	9.6	8.3	6.2	4.2						EEI ≤ 0,19	22.8	16
EVOPLUS 180/280.50 M	60220913	3.286	280	DN50 PN 10	220/240 V	750	3.45		17.1			14	13	12	11.1	9.7	7.4	5.2	3.1					EEI ≤ 0,19	22.8	16

EVOPLUS

ELECTRONIC CIRCULATORS FOR COLLECTIVE SYSTEMS



SINGLE WITH FLANGES

DN 65

MODEL	CODE	PRICE €	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	ELECTRICAL DATA			HYDRAULIC DATA																EEI PART 2	WEIGHT KG	QTY PER PALLET
					POWER SUPPLY 50/60 Hz	P1 MAX W	In A	Q m³/h l/min	0	4.2	5.4	7.2	9.6	12	14.4	18	24	30	36	42	54	72				
									0	70	90	120	160	200	240	300	400	500	600	700	900	1200				
EVOPLUS 40/340.65 M	60231409	2.338	340	DN65 PN10	220/240 V	190	1.1	H (m)	4			4	3.8	3.4	3	2.4	1.4					EEI≤0,21	23.8	8		
EVOPLUS 60/340.65 M	60220914	2.691	340	DN65 PN10	220/240 V	355	1.8		6				6	5.9	5.4	4.7	3.7	2.2				EEI≤0,20	23.8	8		
EVOPLUS 80/340.65 M	60231410	2.872	340	DN65 PN10	220/240 V	465	2.2		8				7.8	7.4	6.8	5.9	4.6	3.5	2			EEI≤0,19	24.6	8		
EVOPLUS 100/340.65 M	60231412	3.009	340	DN65 PN10	220/240 V	590	2.8		10.1				9.8	9.1	8.4	7.6	6.1	4.7	3.1			EEI≤0,18	25	8		
EVOPLUS 120/340.65 M	60220915	3.286	340	DN65 PN10	220/240 V	730	3.45		12				11.5	10.8	10	9	7.4	5.9	4.6	2.8			EEI≤0,18	24.6	8	
EVOPLUS 150/340.65 M	60220916	3.722	340	DN65 PN10	220/240 V	1210	5.5		15.2					14.9	14.7	14	12.1	10.3	8.5	6.9			EEI≤0,18	27	8	

DN 80

EVOPLUS 40/360.80 M	60231413	2.812	360	DN80 PN 10	220/240 V	330	1.65	H(m)	4							4	3.1	2.2	1.4				EEI ≤ 0,19	30.2	8
EVOPLUS 60/360.80 M	60220917	3.049	360	DN80 PN 10	220/240 V	535	2.5		6							6	5.2	4	3	2			EEI ≤ 0,20	30.2	8
EVOPLUS 80/360.80 M	60231414	3.286	360	DN80 PN 10	220/240 V	670	3		8							8	6.7	5.4	4.2	3.2			EEI ≤ 0,20	32	8
EVOPLUS 100/360.80 M	60231417	3.640	360	DN80 PN 10	220/240 V	1005	4.5		10								9.7	8.3	6.7	5.4	3		EEI ≤ 0,19	32.2	4
EVOPLUS 120/360.80 M	60220918	4.041	360	DN80 PN 10	220/240 V	1235	5.5		12.1								11.6	9.9	8.3	6.8	4.1		EEI ≤ 0,19	32.2	4

DN 100

EVOPLUS 40/450.100 M	60231418	3.286	450	DN100 PN 10	220/240 V	530	2.5	H(m)	4									3.9	3	2			EEI ≤ 0,19	37.5	4
EVOPLUS 60/450.100 M	60231419	3.565	450	DN100 PN 10	220/240 V	760	3.5		6									5.7	4.7	3.6	1.3		EEI ≤ 0,18	37.5	4
EVOPLUS 80/450.100 M	60231420	3.881	450	DN100 PN 10	220/240 V	1080	4.8		8									8	7.2	5.7	3.4		EEI ≤ 0,18	36.6	4
EVOPLUS 100/450.100 M	60231421	4.275	450	DN100 PN 10	220/240 V	1380	6		10.1									10.1	9.2	7.6	4.9	0.7	EEI ≤ 0,19	36.8	4
EVOPLUS 120/450.100 M	60220919	4.790	450	DN100 PN 10	220/240 V	1560	7		12.2									11.8	10.4	8.7	5.9	1.5	EEI ≤ 0,19	36.3	4

EVOPLUS

ELECTRONIC CIRCULATORS FOR COLLECTIVE SYSTEMS



SPECIAL VERSION *SINGLE WITH FLANGES PN 16*

DN 80

MODEL	CODE	PRICE €	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	ELECTRICAL DATA			HYDRAULIC DATA								EEI PART 2	WEIGHT KG	QTY PER PALLET	
					POWER SUPPLY 50/60 Hz	P1 MAX W	In A	Q m³/h l/min	0	18	24	30	36	42	54				72
									0	300	400	500	600	700	900				1200
EVOPLUS 40/360.80 M	60231457	2.812	360	DN80 PN 16	220/240 V	330	1.65	H (m)	4	4	3.1	2.2	1.4			EEI ≤ 0,19	30.2	8	
EVOPLUS 60/360.80 M	60231458	3.049	360	DN80 PN 16	220/240 V	535	2.5		6	6	5.2	4	3	2		EEI ≤ 0,20	30.2	8	
EVOPLUS 80/360.80 M	60231459	3.286	360	DN80 PN 16	220/240 V	670	3		8	8	6.7	5.4	4.2	3.2		EEI ≤ 0,20	32	8	
EVOPLUS 100/360.80 M	60231460	3.640	360	DN80 PN 16	220/240 V	1005	4.5		10		9.7	8.3	6.7	5.4	3	EEI ≤ 0,19	32.2	4	
EVOPLUS 120/360.80 M	60231461	4.041	360	DN80 PN 16	220/240 V	1235	5.5		12.1		11.6	9.9	8.3	6.8	4.1	EEI ≤ 0,19	32.2	4	

DN 100

EVOPLUS 40/450.100 M	60231462	3.286	450	DN100 PN 16	220/240 V	530	2.5	H (m)	4			3.9	3	2			EEI ≤ 0,19	37.5	4
EVOPLUS 60/450.100 M	60231463	3.565	450	DN100 PN 16	220/240 V	760	3.5		6			5.7	4.7	3.6	1.3		EEI ≤ 0,18	37.5	4
EVOPLUS 80/450.100 M	60231464	3.881	450	DN100 PN 16	220/240 V	1080	4.8		8			8	7.2	5.7	3.4		EEI ≤ 0,18	36.6	4
EVOPLUS 100/450.100 M	60231465	4.275	450	DN100 PN 16	220/240 V	1380	6		10.1			10.1	9.2	7.6	4.9	0.7	EEI ≤ 0,19	36.8	4
EVOPLUS 120/450.100 M	60231466	4.790	450	DN100 PN 16	220/240 V	1560	7		12.2			11.8	10.4	8.7	5.9	1.5	EEI ≤ 0,19	36.3	4



TWIN FLANGES

DN 32

MODEL	CODE	PRICE €	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	ELECTRICAL DATA			HYDRAULIC DATA													EEI PART 2	WEIGHT KG	QTY PER PALLET
					POWER SUPPLY 50/60 Hz	P1 MAX W	In A	Q m³/h l/min	0	4.2	5.4	7.2	9.6	12	14.4	18	24	30	36	42			
									0	70	90	120	160	200	240	300	400	500	600	700			
EVOPLUS D 120/220.32 M	60220920	3.137	220	DN32 PN 6	220/240 V	340	1.7	H (m)	12.1	11.5	10.7	9.5	7.9	6.3	4.7	2.2					EEI ≤ 0,22	36.2	4

DN 40

EVOPLUS D 40/220.40 M	60231422	3.055	220	DN40 PN 10	220/240 V	90	0.7	H (m)	4	3.6	3.1	2.5	1.7								EEI ≤ 0,23	38.6	4
EVOPLUS D 60/220.40 M	60220921	3.116	220	DN40 PN 10	220/240 V	175	1		6		5.9	5.1	4.1	3	2						EEI ≤ 0,23	38.6	4
EVOPLUS D 80/220.40 M	60231423	3.164	220	DN40 PN 10	220/240 V	260	1.35		8		7.9	7.4	6.1	5	3.7	2					EEI ≤ 0,23	38.6	4
EVOPLUS D 100/220.40 M	60231424	3.381	220	DN40 PN 10	220/240 V	350	1.75		10			9.7	8.3	7	5.5	3.5					EEI ≤ 0,23	38.6	4
EVOPLUS D 120/250.40 M	60220922	3.757	250	DN40 PN 10	220/240 V	465	2.2		12			11.5	10.1	8.7	7.3	5.2					EEI ≤ 0,23	38.8	4
EVOPLUS D 150/250.40 M	60231425	4.562	250	DN40 PN 10	220/240 V	610	2.9		15			14.5	12.8	11.3	9.7	7.5	3.8				EEI ≤ 0,23	38.8	4
EVOPLUS D 180/250.40 M	60231426	5.233	250	DN40 PN 10	220/240 V	610	2.9		18			16.2	14.6	13	11.2	9.6	7.4	3.9			EEI ≤ 0,23	38.8	4

EVOPLUS

ELECTRONIC CIRCULATORS FOR COLLECTIVE SYSTEMS



TWIN FLANGES

DN 50

MODEL	CODE	PRICE €	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	ELECTRICAL DATA			HYDRAULIC DATA														EEI PART 2	WEIGHT KG	QTY PER PALLET
					POWER SUPPLY 50/60 Hz	P1 MAX W	In A	Q m³/h l/min	0	4.2	5.4	7.2	9.6	12	14.4	18	24	30	36	42				
									0	70	90	120	160	200	240	300	400	500	600	700				
EVOPLUS D 40/240.50 M	60231427	3.346	240	DN50 PN 10	220/240 V	140	0.87	H (m)	4		3.9	3.6	3.1	2.6	2.1	1.4					EEI ≤ 0,23	40	4	
EVOPLUS D 60/240.50 M	60220923	3.917	240	DN50 PN 10	220/240 V	260	1.35		6				5.4	4.7	4	3.2	1.6				EEI ≤ 0,22	40	4	
EVOPLUS D 80/240.50 M	60231428	4.281	240	DN50 PN 10	220/240 V	330	1.7		8			7.4	6.6	5.9	5.2	4.2	2.6				EEI ≤ 0,22	40	4	
EVOPLUS D 100/280.50 M	60231429	4.562	280	DN50 PN 10	220/240 V	430	2.1		10			9.4	8.4	7.5	6.7	5.5	3.6	2			EEI ≤ 0,22	39.4	4	
EVOPLUS D 120/280.50 M	60231430	4.918	280	DN50 PN 10	220/240 V	530	2.5		12			11	9.9	9	8.2	6.9	4.8	3			EEI ≤ 0,22	39.6	4	
EVOPLUS D 150/280.50 M	60231432	5.652	280	DN50 PN 10	220/240 V	640	3		15.3			12.4	11.5	10.6	9.6	8.3	6.2	4.2			EEI ≤ 0,21	41.6	4	
EVOPLUS D 180/280.50 M	60220924	6.550	280	DN50 PN 10	220/240 V	750	3.45		17.1			14	13	12	11.1	9.7	7.4	5.2	3.1		EEI ≤ 0,21	41.6	4	

DN 65

EVOPLUS D 40/340.65 M	60231433	4.243	340	DN65 PN 10	220/240 V	190	1.1	H (m)	4			4	3.8	3.4	3	2.4	1.4				EEI ≤ 0,21	43.4	4
EVOPLUS D 60/340.65 M	60220925	4.846	340	DN65 PN 10	220/240 V	355	1.8		6			6	5.9	5.4	4.7	3.7	2.2				EEI ≤ 0,21	43.4	4
EVOPLUS D 80/340.65 M	60231434	5.208	340	DN65 PN 10	220/240 V	465	2.2		8			7.8	7.4	6.8	5.9	4.6	3.5	2			EEI ≤ 0,21	43.4	4
EVOPLUS D 100/340.65 M	60231435	5.533	340	DN65 PN 10	220/240 V	590	2.8		10.1			9.8	9.1	8.4	7.6	6.1	4.7	3.1			EEI ≤ 0,20	44.8	4
EVOPLUS D 120/340.65 M	60220926	5.996	340	DN65 PN 10	220/240 V	730	3.45		12			11.5	10.8	10	9	7.4	5.9	4.6	2.8		EEI ≤ 0,20	45	4
EVOPLUS D 150/340.65 M	60220927	6.898	340	DN65 PN 10	220/240 V	1210	5.5		15.2				14.9	14.7	14	12.1	10.3	8.5	6.9		EEI ≤ 0,20	49.4	4

DN 80

MODEL	CODE	PRICE €	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	ELECTRICAL DATA			HYDRAULIC DATA												EEI PART 2	WEIGHT KG	QTY PER PALLET
					POWER SUPPLY 50/60 Hz	P1 MAX W	In A	Q m³/h l/min	0	12	14.4	18	24	30	36	42	54	72				
									0	200	240	300	400	500	600	700	900	1200				
EVOPLUS D 40/360.80 M	60231436	5.218	360	DN80 PN 10	220/240 V	330	1.65	H (m)	4				4	3.1	2.2	1.4				EEI ≤ 0,20	52	4
EVOPLUS D 60/360.80 M	60220928	5.646	360	DN80 PN 10	220/240 V	535	2.5		6				6	5.2	4	3	2			EEI ≤ 0,20	52	4
EVOPLUS D 80/360.80 M	60231437	6.075	360	DN80 PN 10	220/240 V	670	3		8				8	6.7	5.4	4.2	3.2			EEI ≤ 0,20	57	4
EVOPLUS D 100/360.80 M	60231438	6.710	360	DN80 PN 10	220/240 V	1005	4.5		10					9.7	8.3	6.7	5.4	3		EEI ≤ 0,19	56	4
EVOPLUS D 120/360.80 M	60220929	7.387	360	DN80 PN 10	220/240 V	1235	5.5		12.1					11.6	9.9	8.3	6.8	4.1		EEI ≤ 0,19	56.4	4

DN 100

EVOPLUS D 40/450.100 M	60231439	6.033	450	DN100 PN 10	220/240 V	530	2.5	H (m)	4					3.9	3	2					EEI ≤ 0,19	67.8	4
EVOPLUS D 60/450.100 M	60231440	6.512	450	DN100 PN 10	220/240 V	760	3.5		6					5.7	4.7	3.6	1.3				EEI ≤ 0,19	67.8	4
EVOPLUS D 80/450.100 M	60231441	7.064	450	DN100 PN 10	220/240 V	1080	4.8		8					8	7.2	5.7	3.4				EEI ≤ 0,20	68	4
EVOPLUS D 100/450.100 M	60231442	7.777	450	DN100 PN 10	220/240 V	1380	6		10.1					10.1	9.2	7.6	4.9	0.7			EEI ≤ 0,20	68	2
EVOPLUS D 120/450.100 M	60220930	8.744	450	DN100 PN 10	220/240 V	1560	7		12.2					11.8	10.4	8.7	5.9	1.5			EEI ≤ 0,20	67.8	2

EVOPLUS

ELECTRONIC CIRCULATORS FOR COLLECTIVE SYSTEMS



SPECIAL VERSION TWIN FLANGES PN 16

DN 80

MODEL	CODE	PRICE €	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	ELECTRICAL DATA			HYDRAULIC DATA									EEI PART 2	WEIGHT KG	QTY PER PALLET
					POWER SUPPLY 50/60 Hz	P1 MAX W	In A	Q m³/h l/min	0	18	24	30	36	42	54	72			
									0	300	400	500	600	700	900	1200			
EVOPLUS D 40/360.80 M	60231467	5.218	360	DN80 PN 16	220/240 V	330	1.65	H (m)	4	4	3.1	2.2	1.4				EEI ≤ 0,20	52	4
EVOPLUS D 60/360.80 M	60231468	5.646	360	DN80 PN 16	220/240 V	535	2.5		6	6	5.2	4	3	2			EEI ≤ 0,20	52	4
EVOPLUS D 80/360.80 M	60231469	6.075	360	DN80 PN 16	220/240 V	670	3		8	8	6.7	5.4	4.2	3.2			EEI ≤ 0,20	57	4
EVOPLUS D 100/360.80 M	60231470	6.710	360	DN80 PN 16	220/240 V	1005	4.5		10		9.7	8.3	6.7	5.4	3		EEI ≤ 0,19	56	4
EVOPLUS D 120/360.80 M	60231471	7.387	360	DN80 PN 16	220/240 V	1235	5.5		12.1		11.6	9.9	8.3	6.8	4.1		EEI ≤ 0,19	56.4	4

DN 100

EVOPLUS D 40/450.100 M	60231472	6.033	450	DN100 PN 16	220/240 V	530	2.5	H (m)	4			3.9	3	2			EEI ≤ 0,19	67.8	4
EVOPLUS D 60/450.100 M	60231473	6.512	450	DN100 PN 16	220/240 V	760	3.5		6			5.7	4.7	3.6	1.3		EEI ≤ 0,19	67.8	4
EVOPLUS D 80/450.100 M	60231474	7.064	450	DN100 PN 16	220/240 V	1080	4.8		8			8	7.2	5.7	3.4		EEI ≤ 0,20	68	4
EVOPLUS D 100/450.100 M	60231475	7.777	450	DN100 PN 16	220/240 V	1380	6		10.1			10.1	9.2	7.6	4.9	0.7	EEI ≤ 0,20	68	2
EVOPLUS D 120/450.100 M	60231476	8.744	450	DN100 PN 16	220/240 V	1560	7		12.2			11.8	10.4	8.7	5.9	1.5	EEI ≤ 0,20	67.8	2

EVOPLUS SMALL SAN

ELECTRONIC CIRCULATORS FOR COLLECTIVE SYSTEMS



NEW



Circulation pump for unvented and pressurized or open vented domestic hot water systems. **Bronze pump body.** Die-cast aluminium motor casing. Technopolymer impeller. Ceramic motor shaft mounted on graphite bushings lubricated by the same pumped liquid. Stainless steel rotor liner, stator liner and closing flange. Ceramic thrust bearing ring, ethylene-propylene seal rings. Synchronous motor with permanent magnet rotor.

Operating range

2 to 12 m³/h with head up to 11 metres.

Liquid temperature range

-10 °C to +110 °C.

Pumped liquid clean, free of solids and mineral oils, non-viscous, chemically neutral, close to the characteristics of water.

Maximum working pressure

16 bar (1600 kPa).

Protection degree

IP44.

Insulation class

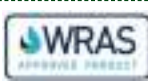
F.

Installation

with horizontal motor shaft.

Communication protocols ModBus (with multifunction expansion module).

EVOPLUS⁺ SMALL

ONLINE
TRAININGREMOTE MONITORING
via web portal
and DConnect appACCESSORIES
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* Certification being renewed.

SINGLE UNIONS

MODEL	CODE	PRICE €	CENTRE DISTANCE mm	PUMP COUP.	UNIONS ON REQUEST		ELECTRICAL DATA			HYDRAULIC DATA								WEIGH KG
					STANDARD	SPECIAL	POWER SUPPLY 50/60 Hz	P1 MAX W	In A	Q m³/h l/min	0	2.4	3	4.2	5.4	7.2	9.6	
EVOPLUS SMALL SAN 40/180 M	60231375	1.050	180	1" ½	1" F	1/2" F - 3/4" F - UNION KIT TO WELD Ø 22 / Ø 28	220/240 V	70	0.52	H (m)	4.2	4.2	4	3.1	2.4		4.5	
EVOPLUS SMALL SAN 60/180 M	60231376	1.136	180	1" ½	1" F	1/2" F - 3/4" F - UNION KIT TO WELD Ø 22 / Ø 28	220/240 V	100	0.72		6.1	6.1	5.8	4.6	3.4		4.5	
EVOPLUS SMALL SAN 80/180 M	60231377	1.236	180	1" ½	1" F	1/2" F - 3/4" F - UNION KIT TO WELD Ø 22 / Ø 28	220/240 V	135	0.95		8.2	8.2	7.7	6.2	4.8	2.9	4.5	
EVOPLUS SMALL SAN 110/180 M	60231378	1.338	180	1" ½	1" F	1/2" F - 3/4" F - UNION KIT TO WELD Ø 22 / Ø 28	220/240 V	170	1.16		11.1	10.1	9.2	7.5	5.9	3.9	4.5	

SINGLE WITH FLANGES

DN 32

MODEL	CODE	PRICE €	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	ELECTRICAL DATA			HYDRAULIC DATA								WEIGHT KG
					POWER SUPPLY 50/60 Hz	P1 MAX W	In A	Q m³/h l/min	0	2.4	3	4.2	5.4	7.2	9.6	
									0	40	50	70	90	120	160	
EVOPLUS SMALL SAN 40/220.32 M	60231380	1.155	220	DN 32 PN 6	220/240 V	85	0.55	H (m)	4.2	4.2	4.2	3.3	2.5	1.3		8.6
EVOPLUS SMALL SAN 60/220.32 M	60231381	1.237	220	DN 32 PN 6	220/240 V	110	0.75		6.1	6.1	5.6	4.6	3.6	2.2		8.6
EVOPLUS SMALL SAN 80/220.32 M	60231382	1.337	220	DN 32 PN 6	220/240 V	150	0.97		8	8	7.3	6	4.9	3.3		8.6
EVOPLUS SMALL SAN 110/220.32 M	60231383	1.439	220	DN 32 PN 6	220/240 V	200	1.3		11.2	10.5	9.6	8.1	6.8	5	2.6	8.6

DN 40

EVOPLUS SMALL SAN 40/250.40 M	60231384	1.234	250	DN 40 PN 10	220/240 V	75	0.55	H (m)	4.2	4.2	4.2	3.3	2.5	1.3			9.3
EVOPLUS SMALL SAN 60/250.40 M	60231385	1.318	250	DN 40 PN 10	220/240 V	105	0.75		6.1	6.1	5.6	4.6	3.6	2.2			9.3
EVOPLUS SMALL SAN 80/250.40 M	60231386	1.418	250	DN 40 PN 10	220/240 V	140	0.97		8	8	7.3	6	4.9	3.3			9.3
EVOPLUS SMALL SAN 110/250.40 M	60231387	1.519	250	DN 40 PN 10	220/240 V	190	1.3		11.2	10.5	9.6	8.1	6.8	5	2.6		9.3

EVOPLUS SAN

ELECTRONIC CIRCULATORS FOR COLLECTIVE SYSTEMS



NEW



Circulation pump for unvented and pressurized or open vented domestic hot water systems. **Bronze pump body.** Die-cast aluminium motor casing. Technopolymer impeller. Steel motor shaft mounted on ceramic bushings lubricated by the same pumped liquid. Stainless steel rotor liner and closing flange, carbon fibre composite stator liner. Ceramic thrust bearing ring, ethylene-propylene seal rings. Synchronous motor with permanent magnet rotor.

Operating range4 to 42 m³/h with head up to 17 metres.**Liquid temperature range**

-10 °C to +110 °C.

Pumped liquid clean, free of solids and mineral oils, non-viscous, chemically neutral, close to the characteristics of water.

Maximum working pressure

16 bar (1600 kPa).

Protection degree IP44.**Insulation class** F.**Installation** With horizontal motor shaft.

Communication protocols ModBus (standard).

EVOPLUS⁺ SAN

ONLINE
TRAININGREMOTE MONITORING
via web portal
and DConnect appACCESSORIES
PAGE 77

* Certification being renewed.

SINGLE WITH FLANGES

DN 32

MODEL	CODE	PRICE €	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	ELECTRICAL DATA			HYDRAULIC DATA														WEIGH KG
					POWER SUPPLY 50/60 Hz	P1 MAX W	In A	Q m³/h l/min	0	4.2	5.4	7.2	9.6	12	14.4	18	24	30	36	42		
									0	70	90	120	160	200	240	300	400	500	600	700		
EVOPLUS SAN 120/220.32 M	60231443	2.629	220	DN 32 PN 6	220/240 V	340	1.7	H(m)	12.1	11.5	10.7	9.5	7.9	6.3	4.7	2.2						24

DN 40

EVOPLUS SAN 120/250.40 M	60231444	2.926	250	DN 40 PN 10	220/240 V	465	2.2	H(m)	12			11.5	10.1	8.7	7.3	5.2					22
EVOPLUS SAN 150/250.40 M	60231445	2.926	250	DN 40 PN 10	220/240 V	610	2.9		15			14.5	12.8	11.3	9.7	7.5	3.8				20
EVOPLUS SAN 180/250.40 M	60231446	3.418	250	DN 40 PN 10	220/240 V	610	2.9		18		16.2	14.6	13	11.2	9.6	7.4	3.9				20

DN 50

EVOPLUS SAN 100/280.50 M	60231447	3.565	280	DN 50 PN 10	220/240 V	430	2.1	H(m)	10			9.4	8.4	7.5	6.7	5.5	3.6	2			22
EVOPLUS SAN 120/280.50 M	60231448	3.762	280	DN 50 PN 10	220/240 V	530	2.5		12			11	9.9	9	8.2	6.9	4.8	3			21.8
EVOPLUS SAN 150/280.50 M	60231449	4.041	280	DN 50 PN 10	220/240 V	640	3		15.3			12.4	11.5	10.6	9.6	8.3	6.2	4.2			22.8
EVOPLUS SAN 180/280.50 M	60231450	4.316	280	DN 50 PN 10	220/240 V	750	3.45		17.1			14	13	12	11.1	9.7	7.4	5.2	3.1		22.8

DN 65

EVOPLUS SAN 40/340.65 M	60231451	3.524	340	DN 65 PN 10	220/240 V	190	1.1	H(m)	4			4	3.8	3.4	3	2.4	1.4				27
EVOPLUS SAN 60/340.65 M	60231452	3.879	340	DN 65 PN 10	220/240 V	355	1.8		6			6	5.9	5.4	4.7	3.7	2.2				27.2
EVOPLUS SAN 80/340.65 M	60231453	4.056	340	DN 65 PN 10	220/240 V	465	2.2		8			7.8	7.4	6.8	5.9	4.6	3.5	2			27.8
EVOPLUS SAN 100/340.65 M	60231454	4.197	340	DN 65 PN 10	220/240 V	590	2.8		10.1			9.8	9.1	8.4	7.6	6.1	4.7	3.1			28
EVOPLUS SAN 120/340.65 M	60231455	4.474	340	DN 65 PN 10	220/240 V	730	3.45		12			11.5	10.8	10	9	7.4	5.9	4.6	2.8		28.2
EVOPLUS SAN 150/340.65 M	60231456	4.911	340	DN 65 PN 10	220/240 V	1210	5.5		15.2				14.9	14.7	14	12.1	10.3	8.5	6.9		30

VA

WET ROTOR CIRCULATORS



Single body consisting of a cast iron hydraulic unit. Die-cast aluminium motor casing.

Technopolymer impeller.

Alumina driving shaft mounted on graphite brushing lubricated by the pumped liquid itself.

Stainless steel protective rotor sleeve, stator sleeve and closing flange.

Ceramic thrust bearing, E.P.D.M. O-rings and brass air outlet cap.

The two-pole asynchronous motor with wet rotor is self-protected for resistance.

No overload protection required.

Three-speed operation.

Operating range from 0.5 to 3.6 m³/h with head up to 6 metres.

Liquid temperature range from -10°C to +110°C.

Pumped liquid characteristics clean, free from solids and mineral oils, not viscous, chemically neutral, close to the characteristics of water (max 30% glycol).

Maximum working pressure 10 bar (1000 kPa).

Protection degree corresponding to IP44.

Insulation class F.

Cable grommet PG 11.

Installation with motor axis horizontal. Only for extra EU markets. Please contact our sales network for more information.

ONLY FOR
EXTRA EU
MARKETS

ACCESSORIES
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MODEL	CODE	PRICE €	CENTRE DISTANCE mm	PUMP COUPLINGS	ELECTRICAL DATA			ENERGY CLASS	HYDRAULIC DATA								WEIGHT KG	Q.TY x PALLET
					VOLTAGE 50 Hz	P1 MAX W	In A		Q=m³h	0	0.6	1.2	1.8	2.4	3	4.2		
									Q=l/min	0	10	20	30	40	50	70		
VA 25/130	60182197H	198	130	1 1/2" G	1x230 V	43	0.19	B	H (m)	2.71	2.45	2.15	1.75	1.2	0.6		2.7	240
VA 25/180	60182196H	198	180	1 1/2" G	1x230 V	43	0.19	B		2.71	2.45	2.15	1.75	1.2	0.6		2.8	180
VA 25/180 X	60182195H	204	180	2" G	1x230 V	43	0.19	B		2.71	2.45	2.15	1.75	1.2	0.6		2.9	180
VA 35/130	60182186H	200	130	1 1/2" G	1x230 V	56	0.25	B		4.3	3.9	3.4	2.8	2.15	1.4		2.7	240
VA 35/130 1/2"	60182184H	200	130	1" G	1x230 V	56	0.25	B		4.3	3.9	3.4	2.8	2.15	1.4		2.6	240
VA 35/180	60182183H	200	180	1 1/2" G	1x230 V	56	0.25	B		4.3	3.9	3.4	2.8	2.15	1.4		2.8	180
VA 35/180 X	60182180H	207	180	2" G	1x230 V	56	0.25	B		4.3	3.9	3.4	2.8	2.15	1.4		2.9	180
VA 55/130	60182179H	207	130	1 1/2" G	1x230 V	70	0.3	B		5.4	4.7	4.5	3.3	2.6	1.75	0.85	2.7	240
VA 55/130 1/2"	60182175H	207	130	1" G	1x230 V	70	0.3	B		5.4	4.7	4.5	3.3	2.6	1.75	0.85	2.6	240
VA 55/180	60182171H	207	180	1 1/2" G	1x230 V	70	0.3	B		5.4	4.7	4.5	3.3	2.6	1.75	0.85	2.8	180
VA 55/180 X	60182170H	212	180	2" G	1x230 V	70	0.3	B		5.4	4.7	4.5	3.3	2.6	1.75	0.85	2.9	180
VA 65/130	60182169H	211	130	1 1/2" G	1x230 V	78	0.34	C		6.3	5.8	5.3	4.3	3.4	2.4		2.7	240
VA 65/130 1/2"	60182168H	211	130	1" G	1x230 V	78	0.34	C		6.3	5.8	5.3	4.3	3.4	2.4		2.6	240
VA 65/180	60181676H	211	180	1 1/2" G	1x230 V	78	0.34	C		6.3	5.8	5.3	4.3	3.4	2.4		2.7	180
VA 65/180 X	60182167H	218	180	2" G	1x230 V	78	0.34	C		6.3	5.8	5.3	4.3	3.4	2.4		2.9	180

A, B, D

WET ROTOR CIRCULATORS



DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING



Pump body in cast iron and motor casing in die-cast aluminium. Technopolymer impeller and tempered stainless steel driving shaft mounted on graphite brushing lubricated by the pumped liquid itself.

Flanged vents, (threaded series A), provided with threaded connectors for controlling gauges.

Stainless steel protective rotor sleeve, stator sleeve and closing flange.

Ceramic thrust bearing, E.P.D.M. "O" rings and brass air outlet cap. The two-pole asynchronous motor with wet rotors designed for three-speed operation, single-phase version, for two-speed operation, for three-phase version.

Thermal overload protection incorporated in the single phase version.

In the twin version an automatic clapet type valve and blank flange are provided.

Operating range from 1 to 12 m³/h with head up to 11 metres.

Liquid temperature range from -10°C to +110°C.

Pumped liquid characteristics clean, free from solids and mineral oils, not viscous, chemically neutral, close to the characteristics of water (max 30% glycol).

Maximum working pressure 10 bar (1000 kPa).

Protection degree IP 44.

Insulation class F.

Cable grommet PG 11.

Installation with motor axis horizontal. Only for extra EU markets. Please contact our sales network for more information.

ONLY FOR
EXTRA EU
MARKETS

ACCESSORIES
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A SINGLE WITH UNIONS

MODEL	CODE	PRICE €	CENTRE DISTANCE mm	PUMP COUPLINGS	ELECTRICAL DATA			HYDRAULIC DATA												WEIGHT KG	Q.TY x PALLET
					VOLTAGE 50 Hz	P1 MAX W	In A	Q=m³/h	0	0.6	1.2	1.8	2.4	3	4.2	7.2	12				
								Q=l/min	0	10	20	30	40	50	70	120	200				
A50/180 M	505803001	406	180	1 1/2"G	1 x 230 V ~	195	0.95	H (m)	5.7	5.6	5.4	5.3	5.1	4.8	4.2	2.6		5.3	115		
A50/180 XM	505802041	417	180	2"G	1 x 230 V ~	189	0.92		5.7	5.6	5.4	5.3	5.1	4.8	4.2	2.6		5	115		
A50/180 T	505803601	484	180	1 1/2"G	3x400 V ~	197	0.52		5.6	5.6	5.6	5.5	5.43	5.4	4.9	2.8		5.2	115		
A50/180 XT	505802671	494	180	2"G	3x400 V ~	201	0.5		5.9	5.85	5.8	5.6	5.5	5.2	4.6	2.9		5.3	115		
A56/180 M	505805001	446	180	1 1/2"G	1 x 230 V ~	287	1.3		6.35	6.3	6.2	6.18	6	5.9	5.5	4.2	1.2	5.3	115		
A56/180 XM	505804041	456	180	2"G	1 x 230 V ~	294	1.32		6.35	6.3	6.2	6.18	6	5.9	5.5	4.2	1.2	5.3	115		
A56/180 T	505805601	522	180	1 1/2"G	3x400 V ~	294	0.6		6.42	6.42	6.41	6.4	6.4	6.4	6.1	4.8		5.3	115		
A56/180 XT	505804671	536	180	2"G	3x400 V ~	291	0.6		6.4	6.3	6.2	6.1	6	5.9	5.7	4.4		5.2	115		
A80/180 M	505807001	464	180	1 1/2"G	1 x 230 V ~	264	1.15		8.25	8	7.6	7.4	7.2	6.9	6.3	3.8		5.3	115		
A80/180 XM	505806041	472	180	2"G	1 x 230 V ~	260	1.17		8.25	8	7.6	7.4	7.2	6.9	6.3	3.8		5.3	115		
A80/180 T	505807601	542	180	1 1/2"G	3x400 V ~	271	0.57		8.2	7.9	7.6	7.3	7	6.8	6.1	3.7		5.3	115		
A80/180 XT	505806671	553	180	2"G	3x400 V ~	272	0.57		8.2	7.9	7.6	7.3	7	6.8	6.1	3.7		5.2	115		
A110/180 M	505808001	586	180	1 1/2"G	1 x 230 V ~	410	1.77		11.3	11	10.8	10.5	10	9.8	8.9	6.7		5.3	54		
A110/180 XM	505809001	597	180	2"G	1 x 230 V ~	410	1.77		11.3	11	10.8	10.5	10	9.8	9.2	7	1.7	5.3	54		
A110/180 T	505808601	670	180	1 1/2"G	3x400 V ~	403	0.9		11.3	11	10.8	10.5	10	9.8	8.9	6.6		5.2	54		
A110/180 XT	505809601	681	180	2"G	3x400 V ~	403	0.9		11.3	11	10.8	10.5	10	9.8	9.2	7	1.6	5.2	54		

A, B, D

WET ROTOR CIRCULATORS

**B SINGLE WITH FLANGES**

MODEL	CODE	PRICE €	CENTRE DISTANCE mm	PUMP COUPLINGS	ELECTRICAL DATA			HYDRAULIC DATA											WEIGHT KG	Q.TY x PALLET
					VOLTAGE 50 Hz	P1 MAX W	In A	Q=m³h	0	0.6	1.2	1.8	2.4	3	4.2	7.2	12			
								Q=l/min	0	10	20	30	40	50	70	120	200			
B 50/250.40 M	505812041	431	250	DN 40	1x230V ~	195	0.95	H(m)	5.7	5.6	5.4	5.3	5.1	4.8	4.2	2.6		9.1	42	
B 50/250.40 T	505812671	512	250	DN 40	3x400V ~	201	0.5		5.9	5.85	5.8	5.6	5.5	5.2	4.6	2.9		9.3	42	
B 56/250.40 M	505814041	519	250	DN 40	1x230V ~	294	1.32		6.35	6.3	6.2	6.18	6	5.9	5.5	4.2	1.2	9.3	42	
B 56/250.40 T	505814671	598	250	DN 40	3x400V ~	291	0.6		6.4	6.3	6.2	6.1	6	5.9	5.7	4.4		9.2	42	
B 80/250.40 M	505816041	542	250	DN 40	1x230V ~	260	1.17		8.25	8	7.6	7.4	7.2	6.9	6.3	3.8		9.3	42	
B 80/250.40 T	505816671	621	250	DN 40	3x400V ~	272	0.57		8.2	7.9	7.6	7.3	7	6.8	6.1	3.7		9.3	42	
B 110/250.40 M	505818001	651	250	DN 40	1x230V ~	410	1.77		11.3	11	10.8	10.5	10	9.8	9.2	7	1.7	9.2	42	
B 110/250.40 T	505818601	734	250	DN 40	3x400V ~	403	0.9		11.3	11	10.8	10.5	10	9.8	9.2	7	1.6	9.3	42	

D TWIN WITH FLANGES

MODEL	CODE	PRICE €	CENTRE DISTANCE mm	PUMP COUPLINGS	ELECTRICAL DATA			HYDRAULIC DATA											WEIGHT KG	Q.TY x PALLET
					VOLTAGE 50 Hz	P1 MAX W	In A	Q=m³h	0	0.6	1.2	1.8	2.4	3	4.2	7.2	12			
								Q=l/min	0	10	20	30	40	50	70	120	200			
D 50/250.40 M	505822041	832	250	DN 40 - PN 10	1x230V ~	195	0.95	H(m)	5.7	5.6	5.4	5.3	5.1	4.8	4.2	2.6		15.3	24	
D 50/250.40 T	505822671	991	250	DN 40 - PN 10	3x400V ~	201	0.5		5.9	5.85	5.8	5.6	5.5	5.2	4.6	2.9		15.8	24	
D 56/250.40 M	505824041	1.003	250	DN 40 - PN 10	1x230V ~	294	1.32		6.35	6.3	6.2	6.18	6	5.9	5.5	4.2	1.2	15.8	24	
D 56/250.40 T	505824671	1.165	250	DN 40 - PN 10	3x400V ~	291	0.6		5.9	5.85	5.8	5.6	5.5	5.2	4.6	2.9		15.4	24	
D 80/250.40 M	505826041	1.046	250	DN 40 - PN 10	1x230V ~	260	1.17		8.25	8	7.6	7.4	7.2	6.9	6.3	3.8		15.8	24	
D 80/250.40 T	505826671	1.206	250	DN 40 - PN 10	3x400V ~	272	0.57		8.2	7.9	7.6	7.3	7	6.8	6.1	3.7		15.8	24	
D 110/250.40 M	505828001	1.273	250	DN 40 - PN 10	1x230V ~	410	1.77		11.3	11	10.8	10.5	10	9.8	9.2	7	1.7	16	24	
D 110/250.40 T	505828601	1.466	250	DN 40 - PN 10	3x400V ~	403	0.9		11.3	11	10.8	10.5	10	9.8	9.2	7	1.6	15.8	24	

BPH, BMH, DPH, DMH

WET ROTOR CIRCULATORS



DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING



Pump for circulating hot water in small closed and pressurised or open tank civil and industrial community heating systems.

Cast iron body and wet rotor motor.

Die-cast aluminium motor casing.

Flanged inlet and delivery mouths, fitted with threaded unions for pressure gauges.

Technopolymer impeller, tempered stainless steel driving shaft.

Stainless steel protective rotor sleeve and stator sleeve.

Four pole asynchronous motor for the BMH and DMH versions, two pole motor for the BPH and DPH versions.

The single-phase circulator has been designed to work at three speeds - 230 V, while the Three-phase circulator has been designed to work at two speeds - 230 V and at three speeds - 400 V.

Thermal overload protection incorporated in the single-phase version.

For the three-phase version the motor must be connected to the power supply through an external contactor.

An automatic clapet type valve is incorporated into the delivery mouth of the twin version in order to prevent water from recirculating while the unit is not working; a blank flange is also supplied standard if one of the two motors must be serviced.

Protection level IP44 three-phase; IP42 single-phase.

Operating range from 1.5 to 78 m³/h with head up to 18 metres.

Liquid temperature range for three-phase version: from -10°C to +120°C (for the models BPH, DPH 150/340.65 T and BPH, DPH 150/360.80 T; BPH, DPH 150-180/280.50 T; BPH, DPH 180/340.65 T; BPH, DPH 180/360.80 T: from -10°C to +110°C). For single-phase version: from -10°C to +110°C.

Characteristics of pumped liquid clean, free from solids and mineral oils, not viscous, chemically neutral, close to the characteristics of water (max. glycol 30%).

Maximum working pressure 10 bar (1000 kPa).

Standard flanging DN 40, DN 50, DN 65, DN 80 in PN 6/PN 10 (4 holes).

Flanging on request DN 80 in PN 10/PN 16 (8 holes).

Installation with motor axis horizontal.

Cable grommet PG 11. Only for extra EU markets. Please contact our sales network for more information.

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SINGLE WITH FLANGES

MODEL	CODE	PRICE €	CENTRE DISTANCE mm	PUMP COUPLINGS	ELECTRICAL DATA			HYDRAULIC DATA																	WEIGHT KG	Q.TY x PALLET	
					VOLTAGE 50 Hz	P1 MAX W	In A	Q=m³/h	0	1.8	2.4	3	4.2	5.4	7.2	9.6	12	14.4	18	24	30	36	42	54			72
								Q=l/min	0	30	40	50	70	90	120	160	200	240	300	400	500	600	700	900			1200
BMH 30/250.40T	505900622	956	250	DN40	3x230V ~ 3x400V ~	100 192	0,48 0,78	H (m)	3.3	3.1	2.95	2.85	2.5	2.1	1.15											17.5	24
BPH 60/250.40M	505904002	1.162	250	DN40	1x230V ~	316	1.43		7.2	6.8	6.7	6.5	6.2	5.8	5	3.7	2									17.5	24
BPH 60/250.40T	505904622	1.127	250	DN40	3x230V ~ 3x400V ~	253 348	0,81 0,99		7.65	7.4	7.3	7.2	6.8	6.4	5.45	3.9	2.25									17.5	24
BPH 120/250.40M	505907002	1.186	250	DN40	1x230V ~	510	2.24		11	10.3	10.1	9.8	9.2	8.6	7.65	6.2	4.35	2.4								17.5	24
BPH 120/250.40T	505907622	1.151	250	DN50	3x230V ~ 3x400V ~	395 536	1,2 1,16		12		11	10.7	10.1	9.5	8.4	6.8	4.7	2.2								17.5	24
BMH 30/280.50T	505920622	1.127	280	DN50	3x230V ~ 3x400V ~	148 255	0,7 1,12		3.15		3.02	3	2.93	2.85	2.65	2.3	1.75	1.2								24	24
BMH 60/280.50T	505923622	1.350	280	DN50	3x230V ~ 3x400V ~	272 410	0,94 1,2		5.83		5.65	5.6	5.49	5.35	5.1	4.75	4.2	3.65	2.62							24	24
BPH 60/280.50M	505924002	1.285	280	DN50	1x230V ~	595	2.79		7.65	7.5	7.45	7.4	7.3	7.2	6.98	6.7	6.2	5.75	4.6	2.3						24	24
BPH 60/280.50T	505924622	1.199	280	DN50	3x230V ~ 3x400V ~	464 589	1,35 1,31		7.95		7.75	7.7	7.6	7.5	7.35	6.92	6.45	5.85	4.65	2.4						24	24
BPH 120/280.50M	505927002	1.479	280	DN50	1x230V ~	870	3.97		11.3				10.8	10.5	10.3	9.9	9.4	8.5	7.2	4.8	2.1					24	24
BPH 120/280.50T	505927622	1.414	280	DN50	3x230V ~ 3x400V ~	683 898	1,95 1,67		11.7				11.3	11	10.75	10.25	9.6	8.9	7.75	5.4	2.6					26	24
BPH 150/280.50T	505928622	1.456	280	DN50	3x230V ~ 3x400V ~	1130 1470	3,22 2,9		15				14.6	14.4	14	13.6	12.7	11.8	10.5	7.5						26	24
BPH 180/280.50T	505929622	1.495	280	DN50	3x230V ~ 3x400V ~	1230 1630	3,5 3		18.4						17.4	17	16.4	15.6	14.4	12	8.8	5.2				26	24
BMH 30/340.65T	505940622	1.391	340	DN65	3x230V ~ 3x400V ~	170 270	0,73 1,12		3.15				3.09	3.02	2.98	2.85	2.55	2.25	1.65							27.5	12
BMH 60/340.65T	505943622	1.442	340	DN65	3x230V ~ 3x400V ~	295 445	1 1,2		5.4				5.15	5.05	4.9	4.7	4.45	4.1	3.45	2.25						27.5	12
BPH 60/340.65M	505944002	1.484	340	DN65	1x230V ~	735	3.37		6.8	6.79	6.75	6.7	6.6	6.57	6.5	6.35	6.2	5.95	5.5	4.35	2.85	1.2				27.5	12
BPH 60/340.65T	505944622	1.441	340	DN65	3x230V ~ 3x400V ~	582 756	1,67 1,5		7.4				7.35	7.3	7.24	7.1	6.9	6.65	6.15	4.9	3.3	1.4				30.5	12
BPH 120/340.65T	505947622	1.557	340	DN65	3x230V ~ 3x400V ~	1001 1275	2,85 2,64		10.9				10.75	10.68	10.6	10.5	10.38	10.2	9.8	8.7	7.15	5.2	3			32.5	12
BPH 150/340.65T	505948622	1.605	340	DN65	3x230V ~ 3x400V ~	1345 1796	3,8 3,25		14.9				14.88	14.83	14.75	14.65	14.55	14.3	13.88	12.65	11	9.35	7.15			32.5	12
BPH 180/340.65T	505949622	1.648	340	DN65	3x230V ~ 3x400V ~	1730 2760	4,85 4,2		17.9						17.8	17.7	17.5	17.3	16.8	15.7	14.1	12.1	10			32.5	12
BMH 30/360.80T	505960122	1.614	360	DN80	3x230V ~ 3x400V ~	313 484	1,05 1,23	3.9						3.85	3.8	3.75	3.65	3.48	3.1	2.45	1.75				31	12	
BMH 60/360.80T	505963122	1.655	360	DN80	3x230V ~ 3x400V ~	535 763	1,82 2,04	5.7						5.66	5.61	5.59	5.5	5.4	5	4.55	3.9	3.1			40	12	
BPH 120/360.80T	505967122	1.818	360	DN80	3x230V ~ 3x400V ~	1410 1820	3,95 3,3	11.8						11.65	11.58	11.5	11.4	11.25	10.75	10.2	9.39	8.37	5.65		40	12	
BPH 150/360.80T	505968122	1.869	360	DN80	3x230V ~ 3x400V ~	1984 2870	5,62 4,64	15.3						15.1	15.06	14.99	14.92	14.75	14.5	14	13.4	12.4	10.3	6	40	12	
BPH 180/360.80T	505969122	1.913	360	DN80	3x230V ~ 3x400V ~	1670 2310	4,7 4	17.5						17.4	17.25	17.1	16.8	16.25	15	13.7	12	10.1	5.5		40	12	

BPH, BMH, DPH, DMH

WET ROTOR CIRCULATORS



TWIN WITH FLANGES

MODEL	CODE	PRICE €	CENTRE DISTANCE mm	PUMP COUPLINGS	ELECTRICAL DATA			HYDRAULIC DATA																			WEIGHT KG	Q.TY x PALLET
					VOLTAGE 50 Hz	P1 MAX W	In A	Q=m³/h	0	1.8	2.4	3	4.2	5.4	7.2	9.6	12	14.4	18	24	30	36	42	54	72			
								Q=l/min	0	30	40	50	70	90	120	160	200	240	300	400	500	600	700	900	1200			
DMH 30/250.40 T	505910622	1.803	250	DN 40	3x230V ~ 3x400V ~	100 192	0,48 0,78	H(m)	3.3	3.1	2.95	2.85	2.5	2.1	1.15										32	12		
DPH 60/250.40 M	505914002	2.198	250	DN 40	1x230V ~	316	1.43		7.2	6.8	6.7	6.5	6.2	5.8	5	3.7	2								32	12		
DPH 60/250.40 T	505914622	2.132	250	DN 40	3x230V ~ 3x400V ~	253 348	0,81 0,99		7.65	7.4	7.3	7.2	6.8	6.4	5.45	3.9	2.25								32	12		
DPH 120/250.40 M	505917002	2.252	250	DN 40	1x230V ~	510	2.24		11	10.3	10.1	9.8	9.2	8.6	7.65	6.2	4.35	2.4							32	12		
DPH 120/250.40 T	505917622	2.193	250	DN 40	3x230V ~ 3x400V ~	395 536	1,2 1,16		12		11	10.7	10.1	9.5	8.4	6.8	4.7	2.2							32	12		
DMH 30/280.50 T	505930622	2.132	280	DN 50	3x230V ~ 3x400V ~	148 255	0,7 1,12		3.15		3.02	3	2.93	2.85	2.65	2.3	1.75	1.2							51.5	8		
DMH 60/280.50 T	505933622	2.573	280	DN 50	3x230V ~ 3x400V ~	272 410	0,94 1,2		5.83		5.65	5.6	5.49	5.35	5.1	4.75	4.2	3.65	2.62						44.5	8		
DPH 60/280.50 M	505934002	2.442	280	DN 50	1x230V ~	595	2.79		7.65	7.5	7.45	7.4	7.3	7.2	6.98	6.7	6.2	5.75	4.6	2.3					44.5	8		
DPH 60/280.50 T	505934622	2.298	280	DN 50	3x230V ~ 3x400V ~	464 589	1,35 1,31		7.95		7.75	7.7	7.6	7.5	7.35	6.92	6.45	5.85	4.65	2.4					44.5	8		
DPH 120/280.50M	505937002	2.803	280	DN 50	1x230V ~	870	3.97		11.3				10.8	10.5	10.3	9.9	9.4	8.5	7.2	4.8	2.1				44.5	8		
DPH 120/280.50 T	505937622	2.677	280	DN 50	3x230V ~ 3x400V ~	683 898	1,95 1,67		11.7				11.3	11	10.75	10.25	9.6	8.9	7.75	5.4	2.6				49	8		
DPH 150/280.50T	505938622	2.773	280	DN 50	3x230V ~ 3x400V ~	1130 1470	3,22 2,9		15				14.6	14.4	14	13.6	12.7	11.8	10.5	7.5					49	8		
DPH 180/280.50T	505939622	2.851	280	DN 50	3x230V ~ 3x400V ~	1230 1630	3,5 3		18.4						17.4	17	16.4	15.6	14.4	12	8.8	5.2			49	8		
DMH 30/340.65 T	505950622	2.648	340	DN 65	3x230V ~ 3x400V ~	170 270	0,73 1,12		3.15				3.09	3.02	2.98	2.85	2.55	2.25	1.65						57	8		
DMH 60/340.65 T	505953622	2.734	340	DN 65	3x230V ~ 3x400V ~	295 445	1 1,2		5.4				5.15	5.05	4.9	4.7	4.45	4.1	3.45	2.25					50	8		
DPH 60/340.65 M	505954002	2.815	340	DN 65	1x230V ~	735	3.37		6.8	6.79	6.75	6.7	6.6	6.57	6.5	6.35	6.2	5.95	5.5	4.35	2.85	1.2			50	8		
DPH 60/340.65 T	505954622	2.731	340	DN 65	3x230V ~ 3x400V ~	582 756	1,67 1,5		7.4				7.35	7.3	7.24	7.1	6.9	6.65	6.15	4.9	3.3	1.4			50	8		
DPH 120/340.65 T	505957622	2.959	340	DN 65	3x230V ~ 3x400V ~	1001 1275	2,85 2,64		10.9				10.75	10.68	10.6	10.5	10.38	10.2	9.8	8.7	7.15	5.2	3		59	8		
DPH 150/340.65 T	505958622	3.050	340	DN 65	3x230V ~ 3x400V ~	1345 1796	3,8 3,25		14.9				14.88	14.83	14.75	14.65	14.55	14.3	13.88	12.65	11	9.35	7.15		59	8		
DPH 180/340.65 T	505959622	3.134	340	DN 65	3x230V ~ 3x400V ~	1730 2760	4,85 4,2		17.9						17.8	17.7	17.5	17.3	16.8	15.7	14.1	12.1	10		59	8		
DMH 30/360.80 T	505970122	3.078	360	DN 80	3x230V ~ 3x400V ~	313 484	1,05 1,23		3.9						3.85	3.8	3.75	3.65	3.48	3.1	2.45	1.75			54.5	8		
DMH 60/360.80 T	505973122	3.152	360	DN 80	3x230V ~ 3x400V ~	535 763	1,82 2,04		5.7						5.66	5.61	5.59	5.5	5.4	5	4.55	3.9	3.1		72	8		
DPH 120/360.80 T	505977122	3.451	360	DN 80	3x230V ~ 3x400V ~	1410 1820	3,95 3,3		11.8						11.65	11.58	11.5	11.4	11.25	10.75	10.2	9.39	8.37	5.65	72	8		
DPH 150/360.80 T	505978122	3.549	360	DN 80	3x230V ~ 3x400V ~	1984 2870	5,62 4,64		15.3						15.1	15.06	14.99	14.92	14.75	14.5	14	13.4	12.4	10.3	6	72	8	
DPH 180/360.80 T	505979122	3.641	360	DN 80	3x230V ~ 3x400V ~	1670 2310	4,7 4		17.5						17.4	17.25	17.1	16.8	16.25	15	13.7	12	10.1	5.5	72	8		

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

VS**WET-ROTOR CIRCULATORS**

DAB SERVICES

HEATING AND
AIR CONDITIONING

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SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING



Circulation pump for unvented and pressurized or open vented domestic hot water systems. Also suitable for solar energy systems. **Bronze pump body.** Die-cast aluminium motor casing. Technopolymer impeller. Ceramic motor shaft mounted on graphite bushings lubricated by the same pumped liquid. Stainless steel rotor liner, stator liner and closing flange. Ceramic thrust bearing ring, ethylene-propylene seal rings. The two- or four-pole, asynchronous, wet-rotor motor is protected for resistance and **requires no overload protection.**

Operating range

0.6 to 3.7 m³/h with head up to 6 metres.

Liquid temperature range

-10°C to +85°C (for domestic hot water systems).

+110°C (for other uses).

Pumped liquid clean, free of solids and mineral oils, non-viscous, chemically neutral, close to the characteristics of water.**Maximum working pressure**

10 bar (1000 kPa).

Protection degree IP 44.**Insulation class** F.**Cable grommet** PG 11.**Installation** with horizontal motor shaft.**ACCESSORIES**
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MODEL	CODE	PRICE €	CENTRE DISTANCE mm	PUMP COUP.	UNIONS ON REQUEST	ELECTRICAL DATA			HYDRAULIC DATA							WEIGHT KG	QTY PER PALLET
						POWER SUPPLY 50/60 Hz	P1 MAX W	In A	Q=m³/h	0	0.6	1.2	1.8	2.4	3		
									Q=l/min	0	10	20	30	40	50		
VS 8/150 M	60182217H	307	150	1 ½"	Brass 1/2" F - 3/4" F - 1" F COPPER d22 and d28	1x230 V	35	0.19	H (m)	0.83	0.75	0.52	0.22			2.6	180
VS 16/150 M	60182216H	324	150	1 ½"	Brass 1/2" F - 3/4" F - 1" F COPPER d22 and d28	1x230 V	41	0.19		1.82	1.75	1.65	1.44	1.07	0.6	2.6	180
VS 35/150 M	60182215H	340	150	1 ½"	Brass 1/2" F - 3/4" F - 1" F COPPER d22 and d28	1x230 V	55	0.24		4.1	3.7	3.3	2.82	2.2	1.3	2.6	180
VS 65/150 M	60182213H	351	150	1 ½"	Brass 1/2" F - 3/4" F - 1" F COPPER d22 and d28	1x230 V	78	0.34		6	5.55	5.05	4.25	3.4	2.6	2.6	180

NOTES

INLINE PUMPS

DESIGNED TO MAKE
YOUR JOB EASIER



NOW WITH **IE5** EFFICIENCY CLASS



DAB[®]
MAKING WATER EASY

KLPE / DKLPE

ELECTRONIC IN-LINE PUMPS



DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING



Hot or cold water circulation pumps with in-line ports, suitable for installation directly on pipes in civil and industrial heating, air conditioning, refrigeration and domestic hot water systems.

The pumps are IE5 certified, which currently indicates the highest degree of energy efficiency. The combination of the permanent magnet motor with the capabilities of the NgDrive controller guarantees both flawless performance and effective energy savings with a consequent, tangible reduction in consumption.

Remote monitoring and management via DConnect.

Cast iron pump body and motor support.

Flanged suction and delivery ports PN 10. To facilitate interchangeability in existing installations, the pump can accept PN 6 counter-flanges. Technopolymer impeller. In the twin design a clapet valve is built into the delivery port to prevent water recirculation in the unit at rest. In addition, a blank flange is supplied as standard in case one of the two motors needs to be serviced. The twin design allows alternating pump operation when a spare unit or simultaneous operation of the two pumps is required. The motor is asynchronous, four-pole and externally cooled for the KLME and DKLME versions and two-pole for the KLPE and DKLPE versions.

The rotor is mounted on ball bearings greased for life and oversized to ensure low noise and durability. Built-in thermo-amperometric protection. Construction according to CEI 2-3 standards. New AISI 316 motor shaft and new silicon carbide/silicon carbide mechanical seal for increased reliability.

Flow rate 2 m³/h to 84 m³/h.

Head 23.4 m

Type of liquid pumped

clean, free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised.

Maximum glycol percentage 50%

Liquid temperature -15 °C to +120 °C.

Maximum ambient temperature +40 °C.

Maximum working pressure

10 bar (1000 kPa).

Flanging or threading

DN 40, 50, 65, 80 with PN10, PN16 (4 holes).

Motor protection degree IPX5.

Motor insulation class F.

Efficiency index IE5.

Impeller construction material
technopolymer.

Single-phase power supply 230 V 50 Hz.

Three-phase power supply

3x230 V 50 Hz / 3x400 V 50 Hz.

Maximum RPM 2950 for KLPE - 1400 for KLME.

Type of installation possible fixed horizontal or vertical with motor above pump.



REMOTE MONITORING
Via web portal and
H2D App



H2D
PAGE 11

KLPE SINGLE WITH FLANGES WITH NGDRIVE VARIABLE FREQUENCY DRIVE

MODEL	FLANGE DIMENSIONS (mm)		CENTRE DISTANCE	POLES	POWER SUPPLY 50/60 HZ - 1x230 ~ V							POWER SUPPLY 50 HZ - 3x400 ~ V						
	DNA	DNM			CODE	PRICE €	CONTROL UNIT MODEL	P2 NOMINAL		In A	WEIGHT (kg)	CODE	PRICE €	CONTROL UNIT MODEL	P2 NOMINAL		In A	WEIGH (kg)
								kW	HP						kW	HP		
KLPE 40-1600	40	40	250	-	60217558	3.245	Ngdrive 6A M/T 220-240V 50/60	0.7	0.94	4.2	26	-	-	-	-	-	-	-
KLPE 40-1800	40	40	250	-	60217559	3.654	Ngdrive 6A M/T 220-240V 50/60	0.8	1.07	4.8	28	-	-	-	-	-	-	-
KLPE 50-1200	50	50	280	-	60217573	3.487	Ngdrive 6A M/T 220-240V 50/60	0.7	0.9	4.3	31	-	-	-	-	-	-	-
KLPE 50-1600	50	50	280	-	60217574	3.296	Ngdrive 6A M/T 220-240V 50/60	1	1.3	6.2	33	-	-	-	-	-	-	-
KLPE 50-2000	50	50	280	-	60217575	3.752	Ngdrive 6A M/T 220-240V 50/60	1.8	2.4	10.1	35	60217576	3.760	Ngdrive 8A T/T 380-480V 50/60	1.8	2.4	4.07	35
KLPE 65-900	65	65	340	-	60217577	4.223	Ngdrive 6A M/T 220-240V 50/60	1.1	1.5	4.2	35	-	-	-	-	-	-	-
KLPE 65-1200	65	65	340	-	60217578	4.449	Ngdrive 6A M/T 220-240V 50/60	1.1	1.5	5.7	37	-	-	-	-	-	-	-
KLPE 65-1600	65	65	340	-	60217579	4.635	Ngdrive 6A M/T 220-240V 50/60	1.6	2.15	8.7	45	60217580	4.326	Ngdrive 8A T/T 380-480V 50/60	2.2	2.95	3.4	45
KLPE 65-2000	65	65	340	-	-	-	-	-	-	-	-	60217581	4.811	Ngdrive 8A T/T 380-480V 50/60	2	2.68	4.2	47
KLPE 80-900	80	80	380	-	60217582	4.532	Ngdrive 6A M/T 220-240V 50/60	1.8	2.4	6.4	47	60217583	4.326	Ngdrive 8A T/T 380-480V 50/60	1.8	2.4	2.7	47
KLPE 80-1200	80	80	380	-	60217584	5.502	Ngdrive 6A M/T 220-240V 50/60	1.8	2.4	10.1	47	60217585	5.356	Ngdrive 8A T/T 380-480V 50/60	1.8	2.41	3.8	47
KLPE 80-1600	80	80	380	-	-	-	-	-	-	-	-	60217586	5.459	Ngdrive 8A T/T 380-480V 50/60	2.5	3.35	5.8	47
KLPE 80-2000 *	80	80	380	2	-	-	-	-	-	-	-	60214712	6.545	MCE55/C	3.67	5	9.07	60

* IE3

KLPE / DKLPE

ELECTRONIC IN-LINE PUMPS

DKLPE TWIN FLANGES WITH NGDRIVE VARIABLE FREQUENCY DRIVE

MODEL	FLANGE DIMENSIONS (mm)		CENTRE DISTANCE	POLES	POWER SUPPLY 50/60 HZ - 1x230 ~ V							POWER SUPPLY 50 HZ - 3x400 ~ V						
	DNA	DNM			CODE	PRICE €	CONTROL UNIT MODEL	P2 NOMINAL		In A	WEIGHT (kg)	CODE	PRICE €	CONTROL UNIT MODEL	P2 NOMINAL		In A	WEIGHT (kg)
								kW	HP						kW	HP		
DKLPE 40-1600	40	40	250	-	60217613	6.077	Ngdrive 6A M/T 220-240V 50/60	0.7	0.94	4.2	55	-	-	-	-	-	-	-
DKLPE 40-1800	40	40	250	-	60217614	6.321	Ngdrive 6A M/T 220-240V 50/60	0.8	1.07	4.8	59	-	-	-	-	-	-	-
DKLPE 50-1200	50	50	280	-	60217628	7.142	Ngdrive 6A M/T 220-240V 50/60	0.7	0.9	4.3	65	-	-	-	-	-	-	-
DKLPE 50-1600	50	50	280	-	60217629	7.107	Ngdrive 6A M/T 220-240V 50/60	1	1.3	6.2	69	-	-	-	-	-	-	-
DKLPE 50-2000	50	50	280	-	60217630	7.903	Ngdrive 6A M/T 220-240V 50/60	1.8	2.4	10.1	74	60217631	7.931	Ngdrive 8A T/T 380-480V 50/60	1.8	2.4	4.07	74
DKLPE 65-900	65	65	340	-	60217632	7.416	Ngdrive 6A M/T 220-240V 50/60	1.1	1.5	4.2	74	-	-	-	-	-	-	-
DKLPE 65-1200	65	65	340	-	60217633	7.713	Ngdrive 6A M/T 220-240V 50/60	1.1	1.5	5.7	78	-	-	-	-	-	-	-
DKLPE 65-1600	65	65	340	-	60217634	7.828	Ngdrive 6A M/T 220-240V 50/60	1.6	2.15	8.7	95	60217635	7.622	Ngdrive 8A T/T 380-480V 50/60	2.2	2.95	3.4	95
DKLPE 65-2000	65	65	340	-	-	-	-	-	-	-	-	60217636	8.418	Ngdrive 8A T/T 380-480V 50/60	2	2.68	4.2	101
DKLPE 80-900	80	80	380	-	60217637	7.313	Ngdrive 6A M/T 220-240V 50/60	1.8	2.4	6.4	99	60217638	7.519	Ngdrive 8A T/T 380-480V 50/60	1.8	2.4	2.7	101
DKLPE 80-1200	80	80	380	-	60217639	9.657	Ngdrive 6A M/T 220-240V 50/60	1.8	2.4	10.1	99	60217640	7.725	Ngdrive 8A T/T 380-480V 50/60	1.8	2.41	3.8	101
DKLPE 80-1600	80	80	380	-	-	-	-	-	-	-	-	60217641	8.034	Ngdrive 8A T/T 380-480V 50/60	2.5	3.35	5.8	101
DKLPE 80-2000 *	80	80	380	2	-	-	-	-	-	-	-	60214722	10.472	MCE55/C	3.67	5	9.07	125

* IE3

ELECTRONIC IN-LINE PUMPS

SELECTION TABLES

KLPE - HEATING, AIR CONDITIONING, REFRIGERATION, SOLAR AND DHW

MODEL	Q (m³/h) (L/min)	0	5	10	15	20	25	30	35	40	50	60	80
		0	83	167	250	333	417	500	583	667	833	1000	1333
KLPE 40-1600	H(m)	16.36	15.66	14.19	11.31	6.78	0.75	-	-	-	-	-	-
KLPE 40-1800		18.59	17.7	16.06	12.87	7.85	1.29	-	-	-	-	-	-
KLPE 50-1200		12.3	12.3	11.9	11.1	9.7	7.7	5.3	2.4	-	-	-	-
KLPE 50-1600		16.3	16.5	16.1	15.3	13.9	11.9	9.4	6.5	-	-	-	-
KLPE 50-2000		23.1	23.8	23.7	22.7	21	18.9	16.2	13.2	9.9	2.7	-	-
KLPE 65-900		9.2	8.9	8.8	8.6	8.1	7.1	5.7	3.9	1.8	-	-	-
KLPE 65-1200		12.1	12	12.1	12	11.5	10.5	9.1	7.1	4.7	-	-	-
KLPE 65-1600		16.3	16.6	16.7	16.6	16.1	15.1	13.8	12	9.8	-	-	-
KLPE 65-2000		20.3	20.7	20.8	20.6	20.1	19.2	18	16.5	14.5	-	-	-
KLPE 80-900		16	-	16.6	-	16.8	-	16.7	-	16.2	15.2	13.8	-
KLPE 80-1200		11.8	-	11.9	-	12	-	11.8	-	11.1	9.8	7.9	-
KLPE 80-1600		8.8	-	8.7	-	8.4	-	8	-	7.1	5.6	3.2	-
KLPE 80-2000*		20.6	21	21.2	21.1	20.9	20.5	20.1	19.7	19.3	18.4	17.3	13.2

DKLPE - HEATING, AIR CONDITIONING, REFRIGERATION, SOLAR AND DHW

MODEL	Q (m³/h) (L/min)	0	5	10	15	20	25	30	35	40	50	60	80
		0	83	167	250	333	417	500	583	667	833	1000	1333
DKLPE 40-1600	H(m)	16.19	15.32	13.51	10.24	5.05	-	-	-	-	-	-	-
DKLPE 40-1800		18.64	17.53	15.48	11.75	6.06	-	-	-	-	-	-	-
DKLPE 50-1200		12.3	12.3	11.6	10.4	8.6	6.3	3.6	0.5	-	-	-	-
DKLPE 50-1600		16.5	16.5	15.7	14.3	12.5	10.1	7.3	4	-	-	-	-
DKLPE 50-2000		23	23.5	23	21.6	19.6	17.2	14.3	11	-	-	-	-
DKLPE 65-900		9.5	9.3	9	8.6	7.7	6.3	4.5	2.4	0.3	-	-	-
DKLPE 65-1200		12.3	12.4	12.4	11.9	11	9.6	7.6	5.2	2.4	-	-	-
DKLPE 65-1600		16.7	17.1	17.1	16.7	15.8	14.6	12.8	10.6	7.9	-	-	-
DKLPE 65-2000		20.6	21.3	21.3	20.7	19.6	18.1	16.3	14.1	11.4	-	-	-
DKLPE 80-900		9	-	8.7	-	8.3	-	7.5	-	6.2	4.2	1.5	-
DKLPE 80-1200		12	-	11.9	-	11.7	-	11	-	9.8	8	5.6	-
DKLPE 80-1600		16.2	-	16.3	-	16.2	-	15.6	-	14.5	12.8	10.5	-
DKLPE 80-2000*		20.3	20.3	20.3	20.3	20.1	19.9	19.5	18.9	18.1	16.1	13.9	-

CP2E, CP2-GE / DCP2E, DCP2-GE

ELECTRONIC IN-LINE PUMPS



In-line pumps for circulation in heating and air conditioning systems in commercial and residential buildings. Also available in twin versions (D versions).

The impeller is made of cast iron or technopolymer, depending on the model. The silicon carbide mechanical seal and EPDM seals maximises the pump's performance and durability, and allows the pump to work with up to 50% glycol, enabling it to operate in environments where temperatures are particularly low.

The pumps can be adapted to different installation standards: thanks to a spacer that is easily installed, the length of the mechanical seal can be changed as required.

The centre distance has a standard length to allow for the replacement of obsolete products in existing systems.

The pumps are IE5 certified, which currently indicates the highest degree of energy efficiency. The combination of the permanent magnet motor with the capabilities of the NgDrive controller guarantees both flawless performance and effective energy savings with a consequent, tangible reduction in consumption.

Remote monitoring and management with DConnect.

Flow rate up to 105 m³/h.

Head up to 110 m.

Type of liquid pumped clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral, similar to the characteristics of water.

Maximum glycol percentage 50%

Liquid temperature -15°C to +140°C

Maximum ambient temperature +50°C

Maximum working pressure

1600 kPa / 16 bar

Flanging or threading

flanging PN10/16

Motor efficiency

IE5 up to 2.2 kW; IE3 3 kW

Motor protection degree IP55

Motor insulation class F

Impeller construction material

cast iron or technopolymer

Three-phase power supply

3x230 V 50 Hz / 3x400 V 50 Hz

Maximum RPM 2910 rpm

Three-phase power supply

fixed horizontal or vertical as long as the motor is positioned above the pump.

Vertical installation only for power outputs above 7.5 kW.



REMOTE MONITORING
Via web portal and
H2D App



H2D
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CP2E, CP2-GE SINGLE WITH FLANGES WITH NGDRIVE VARIABLE FREQUENCY DRIVE

MODEL	FLANGE DIMENSIONS (mm)		CENTRE DISTANCE	POLES	POWER SUPPLY 50/60 HZ - 1x230 ~ V							POWER SUPPLY 50 HZ - 3x400 ~ V						
	DNA	DNM			CODE	PRICE €	VARIABLE FREQUENCY DRIVE	P2 NOMINAL		In A	WEIGHT (kg)	CODE	PRICE €	VARIABLE FREQUENCY DRIVE	P2 NOMINAL		In A	WEIGHT (kg)
								kW	HP						kW	HP		
CP2E 32-1400 IE5	32	32	260	-	60217536	3.029	Ngdrive 6A M/T 220-240V 50/60	0.7	0.9	5.1	31	-	-	-	-	-	-	-
CP2E 32-2100 IE5	32	32	260	-	60217537	3.086	Ngdrive 6A M/T 220-240V 50/60	0.7	0.9	5	31	-	-	-	-	-	-	-
CP2E 32-1800 IE5	32	32	260	-	60217538	3.148	Ngdrive 6A M/T 220-240V 50/60	1.1	1.5	6.64	31	-	-	-	-	-	-	-
CP2E 32-2200 IE5	32	32	260	-	60217539	3.266	Ngdrive 6A M/T 220-240V 50/60	1.5	2	8.8	31	-	-	-	-	-	-	-
CP2E 32-2700 IE5	32	32	320	-	-	-	-	-	-	-	-	60217540	3.408	Ngdrive 8A T/T 380-480V 50/60	2.2	3	5.3	41.5
CP2E 32-3600 IE3	32	32	320	2	-	-	-	-	-	-	-	60217541	3.605	MCE55	3	4	8.9	52.7
CP2E 32-4000 IE3	32	32	320	2	-	-	-	-	-	-	-	60217542	3.811	MCE55	4	5.4	10.2	52.7
CP2-GE 32-4800 IE3	32	32	320	2	-	-	-	-	-	-	-	60217543	4.120	MCE55	5.5	7.4	12.5	87.8

MODEL	FLANGE DIMENSIONS (mm)		CENTRE DISTANCE	POLES	POWER SUPPLY 50/60 HZ - 1x230 ~ V								POWER SUPPLY 50 HZ - 3x400 ~ V							
	DNA	DNM			CODE	PRICE €	VARIABLE FREQUENCY DRIVE	P2 NOMINAL		In A	WEIGHT (kg)	CODE	PRICE €	VARIABLE FREQUENCY DRIVE	P2 NOMINAL		In A	WEIGHT (kg)		
								kW	HP						kW	HP				
CP2E 40-1900 IE5	40	40	320	-	60217547	4.404	Ngdrive 6A M/T 220-240V 50/60	1.5	2	8.9	42.5	-	-	-	-	-	-			
CP2E 40-2200 IE5	40	40	320	-	-	-	-	-	-	-	-	60217548	4.967	Ngdrive 8A T/T 380-480V 50/60	2.2	3	5.3	42.5		
CP2E 40-2800 IE3	40	40	320	2	-	-	-	-	-	-	-	60217549	5.067	MCE30	3	4	7.2	48.9		
CP2E 40-3300 IE3	40	40	320	2	-	-	-	-	-	-	-	60217550	5.677	MCE55	4	5.4	9.2	47.9		
CP2-GE 40-4000 IE3	40	40	320	2	-	-	-	-	-	-	-	60217551	5.844	MCE55	5.5	7.4	10.8	82.6		
CP2-GE 40-5000 IE3	40	40	440	2	-	-	-	-	-	-	-	60217552	6.521	MCE150	7.5	10.1	19.7	93		
CP2-GE 40-6600 IE3	40	40	440	2	-	-	-	-	-	-	-	60217553	7.348	MCE150	11	14.8	26.2	82.6		
CP2-GE 40-8200 IE3	40	40	440	2	-	-	-	-	-	-	-	60217554	10.130	MCE150	15	20.1	31.8	82.6		

CP2E, CP2-GE / DCP2E, DCP2-GE

ELECTRONIC IN-LINE PUMPS



CP2E, CP2-GE SINGLE WITH FLANGES WITH NGDRIVE VARIABLE FREQUENCY DRIVE

MODEL	FLANGE DIMENSIONS (mm)		CENTRE DISTANCE	POLES	POWER SUPPLY 50/60 HZ - 1x230 ~ V							POWER SUPPLY 50 HZ - 3x400 ~ V						
	DNA	DNM			CODE	PRICE €	VARIABLE FREQUENCY DRIVE	P2 NOMINAL		In A	WEIGHT (kg)	CODE	PRICE €	VARIABLE FREQUENCY DRIVE	P2 NOMINAL		In A	WEIGHT (kg)
CP2E 50-800 IE5	50	50	280	-	60217561	3.493	Ngdrive 6A M/T 220-240V 50/60	0.5	0.7	4.1	32	-	-	-	-	-	-	-
CP2E 50-1100 IE5	50	50	280	-	60217562	3.646	Ngdrive 6A M/T 220-240V 50/60	0.7	0.9	6.9	32	-	-	-	-	-	-	-
CP2E 50-1400 IE5	50	50	280	-	60217563	3.807	Ngdrive 6A M/T 220-240V 50/60	1.5	2	10.1	39	-	-	-	-	-	-	-
CP2E 50-1800 IE5	50	50	280	-	-	-	-	-	-	-	-	60217564	4.520	Ngdrive 8A T/T 380-480V 50/60	2.2	3	4.9	39
CP2E 50-2100 IE3	50	50	280	2	-	-	-	-	-	-	-	60217565	5.010	MCE55	3	4	6.7	49
CP2E 50-2800 IE3	50	50	340	2	-	-	-	-	-	-	-	60217566	5.150	MCE55	4	5.4	8.7	49
CP2-GE 50-3300 IE3	50	50	340	2	-	-	-	-	-	-	-	60217567	5.779	MCE55	5.5	7.4	10.3	78
CP2-GE 50-4400 IE3	50	50	340	2	-	-	-	-	-	-	-	60217568	6.774	MCE150	7.5	10.1	14.6	80
CP2-GE 50-5200 IE3	50	50	440	2	-	-	-	-	-	-	-	60217569	7.632	MCE150	11	14.8	26.8	152
CP2-GE 50-6600 IE3	50	50	440	2	-	-	-	-	-	-	-	60217570	7.931	MCE150	15	20.1	31.3	152

DCP2E, DCP2-GE TWIN FLANGES

MODEL	FLANGE DIMENSIONS (mm)		CENTRE DISTANCE	POLES	POWER SUPPLY 50/60 HZ - 1x230 ~ V							POWER SUPPLY 50 HZ - 3x400 ~ V						
	DNA	DNM			CODE	PRICE €	VARIABLE FREQUENCY DRIVE	P2 NOMINAL		In A	WEIGHT (kg)	CODE	PRICE €	VARIABLE FREQUENCY DRIVE	P2 NOMINAL		In A	WEIGHT (kg)
DCP2E 32-1400 IE5	32	32	260	-	60217591	6.210	Ngdrive 6A M/T 220-240V 50/60	0.7	0.9	5.1	55	-	-	-	-	-	-	-
DCP2E 32-2100 IE5	32	32	260	-	60217592	6.325	Ngdrive 6A M/T 220-240V 50/60	0.7	0.9	5	55	-	-	-	-	-	-	-
DCP2E 32-1800 IE5	32	32	260	-	60217593	6.452	Ngdrive 6A M/T 220-240V 50/60	1.1	1.5	6.64	55	-	-	-	-	-	-	-
DCP2E 32-2200 IE5	32	32	260	-	60217594	6.695	Ngdrive 6A M/T 220-240V 50/60	1.5	2	8.8	77.5	-	-	-	-	-	-	-
DCP2E 32-2700 IE5	32	32	320	-	-	-	-	-	-	-	-	60217595	6.983	Ngdrive 8A T/T 380-480V 50/60	2.2	3	5.3	77.5
DCP2E 32-3600 IE3	32	32	320	2	-	-	-	-	-	-	-	60217596	7.390	MCE55	3	4	8.9	52.7
DCP2E 32-4000 IE3	32	32	320	2	-	-	-	-	-	-	-	60217597	7.813	MCE55	4	5.4	10.2	52.7
DCP2-GE 32-4800 IE3	32	32	320	2	-	-	-	-	-	-	-	60217598	8.446	MCE55	5.5	7.4	12.5	87.8

MODEL	FLANGE DIMENSIONS (mm)		CENTRE DISTANCE	POLES	POWER SUPPLY 50/60 HZ - 1x230 ~ V							POWER SUPPLY 50 HZ - 3x400 ~ V						
	DNA	DNM			CODE	PRICE €	VARIABLE FREQUENCY DRIVE	P2 NOMINAL		In A	WEIGHT (kg)	CODE	PRICE €	VARIABLE FREQUENCY DRIVE	P2 NOMINAL		In A	WEIGHT (kg)
DCP2E 40-1900 IE5	40	40	320	-	60217602	9.249	Ngdrive 6A M/T 220-240V 50/60	1.5	2	8.9	80.5	-	-	-	-	-	-	-
DCP2E 40-2200 IE5	40	40	320	-	-	-	-	-	-	-	-	60217603	10.430	Ngdrive 8A T/T 380-480V 50/60	2.2	3	5.3	80.5
DCP2E 40-2800 IE3	40	40	320	2	-	-	-	-	-	-	-	60217604	10.640	MCE30	3	4	7.2	100.7
DCP2E 40-3300 IE3	40	40	320	2	-	-	-	-	-	-	-	60217605	11.922	MCE55	4	5.4	9.2	100.7
DCP2-GE 40-4000 IE3	40	40	320	2	-	-	-	-	-	-	-	60217606	12.272	MCE55	5.5	7.4	10.8	217.2
DCP2-GE 40-5000 IE3	40	40	440	2	-	-	-	-	-	-	-	60217607	13.694	MCE150	7.5	10.1	19.7	217.2
DCP2-GE 40-6600 IE3	40	40	440	2	-	-	-	-	-	-	-	60217608	15.430	MCE150	11	14.8	26.2	303.2
DCP2-GE 40-8200 IE3	40	40	440	2	-	-	-	-	-	-	-	60217609	21.273	MCE150	15	20.1	31.8	303.2

CP2E, CP2-GE / DCP2E, DCP2-GE

ELECTRONIC IN-LINE PUMPS



DCP2E, DCP2-GE TWIN FLANGES

MODEL	FLANGE DIMENSIONS (mm)		CENTRE DISTANCE	POLES	POWER SUPPLY 50/60 HZ - 1x230 ~ V							POWER SUPPLY 50 HZ - 3x400 ~ V						
	DNA	DNM			CODE	PRICE €	VARIABLE FREQUENCY DRIVE	P2 NOMINAL		In A	WEIGHT (kg)	CODE	PRICE €	VARIABLE FREQUENCY DRIVE	P2 NOMINAL		In A	WEIGHT (kg)
DCP2E 50-800 IE5	50	50	280	-	60217616	7.684	Ngdrive 6A M/T 220-240V 50/60	0.5	0.7	4.1	54	-	-	-	-	-	-	-
DCP2E 50-1100 IE5	50	50	280	-	60217617	8.022	Ngdrive 6A M/T 220-240V 50/60	0.7	0.9	6.9	54	-	-	-	-	-	-	-
DCP2E 50-1400 IE5	50	50	280	-	60217618	8.375	Ngdrive 6A M/T 220-240V 50/60	1.5	2	10.1	68	-	-	-	-	-	-	-
DCP2E 50-1800 IE5	50	50	280	-	-	-	-	-	-	-	-	60217619	9.944	Ngdrive 8A T/T 380-480V 50/60	2.2	3	4.9	68
DCP2E 50-2100 IE3	50	50	280	2	-	-	-	-	-	-	-	60217620	11.022	MCE55	3	4	6.7	49
DCP2E 50-2800 IE3	50	50	340	2	-	-	-	-	-	-	-	60217621	11.330	MCE55	4	5.4	8.7	49
DCP2-GE 50-3300 IE3	50	50	340	2	-	-	-	-	-	-	-	60217622	12.714	MCE55	5.5	7.4	10.3	78
DCP2-GE 50-4400 IE3	50	50	340	2	-	-	-	-	-	-	-	60217623	14.903	MCE150	7.5	10.1	14.6	80
DCP2-GE 50-5200 IE3	50	50	440	2	-	-	-	-	-	-	-	60217624	16.791	MCE150	11	14.8	26.8	152
DCP2-GE 50-6600 IE3	50	50	440	2	-	-	-	-	-	-	-	60217625	17.448	MCE150	15	20.1	31.3	152

CP2E, CP2-GE / DCP2E, DCP2-GE

ELECTRONIC IN-LINE PUMPS

CP2E,CP2-GE - HEATING, AIR CONDITIONING, REFRIGERATION, SOLAR AND DHW

MODEL	Q (m³/h) (l/min)	0	10	15	20	30	35
		0	167	250	333	500	583
CP2E 32-1400 IE5	H (m)	14.2	12.6	11.1	9	-	-
CP2E 32-2100 IE5		22.7	17.6	10	-	-	-
CP2E 32-1800 IE5		17.8	16.4	14.8	12.6	6.3	-
CP2E 32-2200 IE5		22.5	21.3	19.7	17.3	10.5	5.9
CP2E 32-2700 IE5		26.7	26.2	24.8	22.8	17.1	13.3
CP2E 32-3600 IE3		36.4	35.5	33.5	31	24.8	-
CP2E 32-4000 IE3		40.3	39.4	37.4	34.9	28.4	24.5
CP2-GE 32-4800 IE3		48.7	48.1	46.5	44.2	37.9	33.8

MODEL	Q (m³/h) (l/min)	0	10	15	20	30	40	50	70
		0	167	250	333	500	667	833	1167
CP2E 40-1900 IE5	H (m)	19.1	19.4	19.3	18.4	13.9	7.4	-	-
CP2E 40-2200 IE5		22.3	22.8	22.4	21.7	19.2	15.5	-	-
CP2E 40-2800 IE3		27.6	27.8	27.2	26.3	23.5	19.8	-	-
CP2E 40-3300 IE3		33.1	33.5	32.9	32	29.2	25.3	-	-
CP2-GE 40-4000 IE3		38.5	39	38.9	38.3	35.7	30.9	-	-
CP2-GE 40-5000 IE3		48.8	49.2	49	48.6	46.9	44.3	-	-
CP2-GE 40-6600 IE3		66.2	66.4	66.1	65.6	63.6	60.5	-	-
CP2-GE 40-8200 IE3		82	82.1	81.8	81.2	78.9	74.9	69.1	52.9

MODEL	Q (m³/h) (l/min)	0	10	20	30	40	50	60	70
		0	167	250	333	500	667	833	1167
CP2E 50-800 IE5	H (m)	8	7.7	6.5	4.6	-	-	-	-
CP2E 50-1100 IE5		11.3	11.2	10.5	9	6.7	4	1.3	-
CP2E 50-1400 IE5		14.1	14.2	13.8	12.6	10.7	7.9	4.3	-
CP2E 50-1800 IE5		17.4	17.8	17.5	16.5	14.8	12.4	9.1	-
CP2E 50-2100 IE3		21.4	21.8	21.4	20.1	18.1	15.3	11.6	6.8
CP2E 50-2800 IE3		27.9	27.6	26.6	24.9	22.4	19.1	15.2	10.5
CP2-GE 50-3300 IE3		33.8	33.9	33	31.2	28.6	25.2	21.1	16.1
CP2-GE 50-4400 IE3		43.7	44	43.2	41.5	38.8	35.1	30.5	25
CP2-GE 50-5200 IE3		52	53.2	52.9	51.7	49.8	47.3	44.2	40.6
CP2-GE 50-6600 IE3		65.5	67.2	66.8	65.2	62.9	60.3	57.6	54.5

CP2E, CP2-GE / DCP2E, DCP2-GE

ELECTRONIC IN-LINE PUMPS

DCP2E, DCP2-GE - HEATING, AIR CONDITIONING, REFRIGERATION, SOLAR AND DHW

MODEL	Q (m³/h) (l/min)	0	10	15	20	30	35
		0	167	250	333	500	583
DCP2E 32-1400 IE5	H (m)	14.2	12.3	10.3	7.2	-	-
DCP2E 32-2100 IE5		23	17.3	9.1	-	-	-
DCP2E 32-1800 IE5		17.6	15.9	13.8	10.8	1.5	-
DCP2E 32-2200 IE5		22.8	21.4	19.3	16.1	6.5	0.4
DCP2E 32-2700 IE5		27	25.7	24.3	22.1	16.4	12.6
DCP2E 32-3600 IE3		36.9	35	33.1	30.4	22.6	-
DCP2E 32-4000 IE3		40.9	39.1	37	34.1	25.9	21
DCP2-GE 32-4800 IE3		49.4	47.8	46.2	43.7	34.9	28.9

MODEL	Q (m³/h) (l/min)	0	10	15	20	30	40	50	70
		0	167	250	333	500	667	833	1167
DCP2E 40-1900 IE5	H (m)	19	19.2	18.7	17.7	14.4	9	-	-
DCP2E 40-2200 IE5		22.9	23.5	23	22.2	19.2	14.5	-	-
DCP2E 40-2800 IE3		27.7	28.2	27.9	27.1	24.1	19.2	-	-
DCP2E 40-3300 IE3		33.4	33.9	33.5	32.8	29.9	25.2	-	-
DCP2-GE 40-4000 IE3		39.2	39.5	39.4	38.9	36.3	31.1	-	-
DCP2-GE 40-5000 IE3		49.3	49.4	49	48.4	45.9	41.7	-	-
DCP2-GE 40-6600 IE3		67.9	67.6	67	66.2	63.3	58.7	-	-
DCP2-GE 40-8200 IE3		83.4	84.3	83.8	82.7	79.2	74.1	67.4	46.1

MODEL	Q (m³/h) (l/min)	0	10	20	30	40	50	60	70
		0	167	250	333	500	667	833	1167
DCP2E 50-800 IE5	H (m)	8.1	7.7	6.1	4	-	-	-	-
DCP2E 50-1100 IE5		11.4	11.2	10.1	8.1	5.5	-	-	-
DCP2E 50-1400 IE5		14.7	14.5	13.7	12.1	9.6	6.4	2.5	-
DCP2E 50-1800 IE5		17.4	17.5	16.9	15.6	13.4	10.2	5.9	-
DCP2E 50-2100 IE3		22.1	22.4	21.7	20.1	17.8	14.6	10.5	5.2
DCP2E 50-2800 IE3		28.6	28.1	26.9	24.8	21.7	17.6	12.5	6.7
DCP2-GE 50-3300 IE3		34.6	34.5	33.5	31.5	28.4	24.3	19.2	12.9
DCP2-GE 50-4400 IE3		44.3	44.5	43.7	41.9	38.8	34.5	29	22.5
DCP2-GE 50-5200 IE3		53.3	54.1	53.7	52.4	50.1	47.1	43.3	38.8
DCP2-GE 50-6600 IE3		67.2	68.8	68.4	66.8	64.4	61.5	58.2	54.4

CME, CM-GE / DCME, DCM-GE - MCE-C - 4 POLES

ELECTRONIC IN-LINE PUMPS FOR CIRCULATION SYSTEMS



Circulation pumps with in-line ports, designed for heating, air conditioning, refrigeration and domestic hot water systems.

Particularly versatile thanks to the use of the **MCE-C variable frequency drive**, it guarantees performance that can automatically adapt to different system requirements while maintaining constant differential pressures.

Available in single and twin versions.

Flanged suction and delivery ports PN 16.

Cast iron pump body and motor support, cast iron or technopolymer impeller depending on model (bronze on request, only from DN 65 to DN 150).

Stainless steel motor shaft.

Sealing device: standardised mechanical seal as per DIN 24960

made of carbon/silicon carbide with EPDM O-rings.

Three-phase, 4-pole, asynchronous motor with external ventilation. Rotor mounted on ball bearings oversized to ensure low noise and durability.

Operating range

1.2 to 360 m³/h with head up to 34 metres.

Liquid temperature range

-10 °C ÷ +140 °C for DN 65 - 150.

Pumped liquid clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Installation fixed horizontal or vertical as long as the motor is positioned above the pump.

Maximum ambient temperature +40°C.

Maximum working pressure 16 bar.

Protection degree IP55.

Insulation class F.

Standard flanging PN 16.

REMOTE MONITORING
via web portal
and DConnect app



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CME, CM-GE SINGLE WITH FLANGES WITH MCE-C VARIABLE FREQUENCY DRIVE

MODEL	FLANGE DIMENSIONS (mm)		CENTRE DISTANCE	POWER SUPPLY 50/60 HZ - 1x230 - V							POWER SUPPLY 50 HZ - 3x400 - V						
				CODE	PRICE €	MODEL MCE	P2 NOMINAL		In A	WEIGHT (kg)	CODE	PRICE €	MODEL MCE	P2 NOMINAL		In A	WEIGHT (kg)
	DNA	DNM					KW	HP						KW	HP		
CM-GE 65-660	65	65	360	60206461 *	4.386	MCE11/C	0.55	0.75	7.3	62	-	-	-	-	-	-	-
CM-GE 65-920	65	65	360	60191977 *	4.430	MCE11/C	0.75	1	9.8	64	60191994 *	5.858	MCE30/C	0.75	1	1.8	64
CM-GE 65-1200	65	65	475	60191978 *	5.172	MCE11/C	1.5	2	13.9	91	60191995 *	6.079	MCE30/C	1.5	2	3.6	91
CM-GE 65-1680	65	65	475	-	-	-	-	-	-	-	60191979 *	6.359	MCE30/C	3	4	6.8	101
CM-GE 65-2380	65	65	475	-	-	-	-	-	-	-	60191980 *	7.266	MCE55/C	4	5.5	8.2	115
CM-GE 80-650	80	80	360	60191981 *	4.780	MCE11/C	0.75	1	9.8	67	60191996	6.204	MCE30/C	0.75	1	1.8	69.6
CM-GE 80-890	80	80	440	60191982 *	5.523	MCE11/C	1.5	2	13.9	98	60191997 *	6.430	MCE30/C	1.5	2	3.6	98
CM-GE 80-1530	80	80	500	-	-	-	-	-	-	-	60191983 *	6.713	MCE30/C	3	4	6.8	134
CM-GE 80-1700	80	80	500	-	-	-	-	-	-	-	60191984 *	7.618	MCE55/C	4	5.5	8.2	147
CM-GE 80-2410	80	80	620	-	-	-	-	-	-	-	60191985 *	8.559	MCE55/C	5.5	7.5	10.6	175
CM-GE 80-2700	80	80	620	-	-	-	-	-	-	-	60167282	10.748	MCE110/C	7.5	10	14.4	205
CM-GE 80-3420	80	80	620	-	-	-	-	-	-	-	60167283 *	11.346	MCE110/C	11	15	22.4	222
CM-GE 100-510	100	100	500	60191986 *	5.189	MCE11/C	0.75	1	9.7	104	60191998	6.614	MCE30/C	0.75	1	1.8	106.6
CM-GE 100-865	100	100	550	60191987 *	6.286	MCE22/C	1.5	2	20.7	123	60191999	6.836	MCE30/C	2.2	3	5.9	126
CM-GE 100-1020	100	100	550	-	-	-	-	-	-	-	60191988 *	7.116	MCE30/C	3	4	6.8	118
CM-GE 100-1320	100	100	550	-	-	-	-	-	-	-	60191989 *	8.029	MCE30/C	4	5.5	8.2	150
CM-GE 100-1650	100	100	550	-	-	-	-	-	-	-	60191990 *	8.963	MCE55/C	5.5	7.5	10.6	172
CM-GE 100-2050	100	100	670	-	-	-	-	-	-	-	60167284	11.152	MCE110/C	7.5	10	14.4	252
CM-GE 100-2550	100	100	670	-	-	-	-	-	-	-	60167285 *	11.751	MCE110/C	11	15	22.4	255
CM-GE 100-3290	100	100	670	-	-	-	-	-	-	-	60167286 *	14.275	MCE150/C	15	20	30.5	350
CM-GE 125-1075	125	125	620	-	-	-	-	-	-	-	60191991 *	8.739	MCE55/C	4	5.5	8.2	207
CM-GE 125-1270	125	125	620	-	-	-	-	-	-	-	60191992 *	9.678	MCE55/C	5.5	7.5	10.6	209
CM-GE 125-1560	125	125	620	-	-	-	-	-	-	-	60167287 *	11.860	MCE110/C	7.5	10	14.4	228
CM-GE 125-2100	125	125	800	-	-	-	-	-	-	-	60167288	12.461	MCE110/C	11	15	22.4	307
CM-GE 125-2550	125	125	800	-	-	-	-	-	-	-	60167289 *	14.981	MCE150/C	15	20	30.5	363
CM-GE 150-955	150	150	800	-	-	-	-	-	-	-	60191993	10.362	MCE55/C	5.5	7.5	10.6	274
CM-GE 150-1322	150	150	800	-	-	-	-	-	-	-	60167290	12.727	MCE110/C	7.5	10	14.4	294
CM-GE 150-1600	150	150	800	-	-	-	-	-	-	-	60167291 *	13.487	MCE110/C	11	15	22.4	306
CM-GE 150-1950	150	150	800	-	-	-	-	-	-	-	60167292 *	15.812	MCE150/C	15	20	30.5	356

* Proportional differential pressure control mode ΔP-v also available.

CME, CM-GE / DCME, DCM-GE - MCE-C - 4 POLES

ELECTRONIC IN-LINE PUMPS FOR CIRCULATION SYSTEMS



DCME, DCM-GE TWIN FLANGES WITH MCE-C VARIABLE FREQUENCY DRIVE

MODEL	FLANGE DIMENSIONS (mm)		CENTRE DISTANCE	POWER SUPPLY 50/60 HZ - 1x230 - V							POWER SUPPLY 50 HZ - 3x400 - V						
				CODE	PRICE €	MODEL MCE	P2 NOMINAL		In A	WEIGHT (kg)	CODE	PRICE €	MODEL MCE	P2 NOMINAL		In A	WEIGHT (kg)
	DNA	DNM					kW	HP						kW	HP		
DCM-GE 65-660	65	65	360	60206465 *	9.009	MCE11/C	0.55	0.75	7.3	141	-	-	-	-	-	-	-
DCM-GE 65-920	65	65	360	60192000 *	9.138	MCE11/C	0.75	1	9.8	144	60192020 *	12.018	MCE30/C	0.75	1	1.8	146
DCM-GE 65-1200	65	65	475	60192002 *	10.653	MCE11/C	1.5	2	15.4	193	60192025 *	12.485	MCE30/C	1.5	2	3.6	195
DCM-GE 65-1680	65	65	475	-	-	-	-	-	-	-	60192003 *	13.081	MCE30/C	3	4	6.8	206
DCM-GE 65-2380	65	65	475	-	-	-	-	-	-	-	60192004 *	14.934	MCE55/C	4	5.5	8.2	233
DCM-GE 80-650	80	80	360	60192005 *	9.883	MCE11/C	0.75	1	9.8	134	60192021 *	12.759	MCE30/C	0.75	1	1.8	136
DCM-GE 80-890	80	80	440	60192006 *	11.152	MCE11/C	1.5	2	13.9	211	60192022 *	12.988	MCE30/C	1.5	2	3.6	213
DCM-GE 80-1530	80	80	500	-	-	-	-	-	-	-	60192007 *	13.558	MCE30/C	3	4	6.8	251
DCM-GE 80-1700	80	80	500	-	-	-	-	-	-	-	60192008 *	15.390	MCE55/C	4	5.5	10.3	277
DCM-GE 80-2410	80	80	620	-	-	-	-	-	-	-	60192009 *	17.288	MCE55/C	5.5	7.5	10.6	442
DCM-GE 80-2700	80	80	620	-	-	-	-	-	-	-	60167293	21.708	MCE110/C	7.5	10	14.4	499
DCM-GE 80-3420	80	80	620	-	-	-	-	-	-	-	60167294 *	22.918	MCE110/C	11	15	22.4	533
DCM-GE 100-510	100	100	500	60192012 *	10.483	MCE11/C	0.75	1	9.7	218	60192023	13.361	MCE30/C	0.75	1	1.8	220
DCM-GE 100-865	100	100	550	60192013 *	12.700	MCE22/C	2.2	3	20.7	261	60192024 *	13.810	MCE30/C	1.5	2	5.9	263
DCM-GE 100-1020	100	100	550	-	-	-	-	-	-	-	60192014 *	14.379	MCE30/C	3	4	6.8	264
DCM-GE 100-1320	100	100	550	-	-	-	-	-	-	-	60192015 *	16.220	MCE55/C	4	5.5	8.2	308
DCM-GE 100-1650	100	100	550	-	-	-	-	-	-	-	60192016 *	18.109	MCE55/C	5.5	7.5	10.6	351
DCM-GE 100-2050	100	100	670	-	-	-	-	-	-	-	60167295 *	22.528	MCE110/C	7.5	10	14.4	558
DCM-GE 100-2550	100	100	670	-	-	-	-	-	-	-	60167296 *	23.736	MCE110/C	11	15	22.4	565
DCM-GE 100-3290	100	100	670	-	-	-	-	-	-	-	60167297 *	28.833	MCE150/C	15	20	30.5	753
DCM-GE 125-1075	125	125	620	-	-	-	-	-	-	-	60192017 *	17.649	MCE55/C	4	5.5	8.2	501
DCM-GE 125-1270	125	125	620	-	-	-	-	-	-	-	60192018 *	19.549	MCE55/C	5.5	7.5	10.6	503
DCM-GE 125-1560	125	125	620	-	-	-	-	-	-	-	60167298 *	23.957	MCE110/C	7.5	10	14.4	538
DCM-GE 125-2100	125	125	800	-	-	-	-	-	-	-	60167299	25.174	MCE110/C	11	15	22.4	768
DCM-GE 125-2550	125	125	800	-	-	-	-	-	-	-	60167301 *	30.264	MCE150/C	15	20	30.5	880
DCM-GE 150-955	150	150	800	-	-	-	-	-	-	-	60192019	20.931	MCE55/C	5.5	7.5	10.6	658
DCM-GE 150-1322	150	150	800	-	-	-	-	-	-	-	60167302	25.709	MCE110/C	7.5	10	14.4	693
DCM-GE 150-1600	150	150	800	-	-	-	-	-	-	-	60167303 *	27.240	MCE110/C	11	15	22.4	719
DCM-GE 150-1950	150	150	800	-	-	-	-	-	-	-	60167304 *	31.942	MCE150/C	15	20	30.5	818

* Proportional differential pressure control mode ΔP-v also available.

CME, CM-GE / DCME, DCM-GE - MCE-C - 4 POLES

SELECTION TABLES



CME, CM-GE - HEATING, AIR CONDITIONING, REFRIGERATION, SOLAR AND DHW

MODEL	P2 NOMINAL		Q (m³/h) (l/min)	0	1.2	2.4	3	3.6	4.5	4.8	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210	240	250	270	330	360		
	kW	HP		0	20	40	50	60	75	80	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500	4000	4167	4500	5500	6000		
CM-GE 65-660	0.55	0.75	H (m)	6.6							6.5	6.2	5.7	4.8																								
CM-GE 65-920	0.75	1		9.2							9.2	9	8.4	7.4	5.7																							
CM-GE 65-1200	1.5	2		12								12	11.9	11.5	10.8	10.1	8.9																					
CM-GE 65-1680	3	4		16.8								16.8	16.5	16.1	15.5	14.6	13.6	12.4	10.9																			
CM-GE 65-2380	4	5.5		23.8								24	23.8	23.4	22.7	21.6	20.4	19	17.1																			
CM-GE 80-650	0.75	1		6.5								6.3	6.1	5.8	5.5	5	4.5	3.9																				
CM-GE 80-890	1.5	2		8.9									8.8	8.7	8.6	8.3	8	7.6	7.2	6.6	6																	
CM-GE 80-1530	3	4		15.3											15.4	15.3	15	14.6	14.1	13.5	12.9	12.2	11.3															
CM-GE 80-1700	4	5.5		17											17.2	17.2	17.1	16.8	16.5	16.2	15.7	15.1	14.3	13.6	12.6													
CM-GE 80-2410	5.5	7.5		24.1											23.8	23.6	23.3	22.8	22.3	21.5	20.8	19.7	18.6	17.3														
CM-GE 80-2700	7.5	10		27														26	25.5	25	24.5	23.6	22.7	21.5	20.2	19												
CM-GE 80-3420	11	15		34.2														33.2	33	32.5	32	31.5	30.7	29.8	29	28	25	21.7										
CM-GE 100-510	0.75	1		5.1								4.9	4.8	4.7	4.7	4.4	4.2	3.8	3.4	3																		
CM-GE 100-865	1.5	2		8.6												8.3	8.2	8.1	7.9	7.7	7.5	7.3	7.1	6.8	6.5	6.2	5.6	4.8										
CM-GE 100-1020	3	4		10.2												10.2	10.1	10	9.9	9.8	9.7	9.5	9.3	9	8.8	8.6	7.9	7.2	6.7									
CM-GE 100-1320	4	5.5		13.2														13.2	13.2	13.1	12.9	12.7	12.4	12	11.7	11.3	10.4	9.3	8.7									
CM-GE 100-1650	5.5	7.5		16.5														16.6	16.5	16.4	16.2	16.1	16	15.7	15.4	15	14.3	13.3	12.7									
CM-GE 100-2050	7.5	10		20.5														21	21	21	20.7	20.5	20	19.8	19.5	19	18	16.7	16									
CM-GE 100-2550	11	15		25.5														25.5	25.5	25.5	25.1	25	25	24.6	24.2	24	23	21.5	21									
CM-GE 100-3290	15	20		32.9																33.1	33	32.9	32.8	32.4	32	31.6	30.5	29.5	28.9	24								
CM-GE 125-1075	4	5.5		10.8																	10.1	10.1	10	9.9	9.7	9.5	9.1	8.5	8.3	7	5.4							
CM-GE 125-1270	5.5	7.5		12.7																	12.6	12.6	12.5	12.5	12.4	12.3	12	11.5	11.4	10.1	8.5							
CM-GE 125-1560	7.5	10		15.6																	15.4	15.4	15.3	15.2	15.1	15	14.7	14.5	14.3	13.3	11.6	9.8						
CM-GE 125-2100	11	15		21																	21.5	21.5	21.5	21.4	21.2	21	20.9	20	19.8	18	16							
CM-GE 125-2550	15	20		25.5																	25.5	25.5	25.5	25.3	25.1	25.1	25	24.5	24	22.5	20.5	17.5						
CM-GE 150-955	5.5	7.5		9.6																						9.6	9.5	9.4	9.3	8.7	7.8	6.7	5.9	5.5				
CM-GE 150-1322	7.5	10		13.2																						13	12.8	12.6	12.5	11.9	11.1	10.1	8.9	8.5				
CM-GE 150-1600	11	15		16																							15.5	15.5	15.4	14.8	14	13	11.8	11	10.5	9.2		
CM-GE 150-1950	15	20		19.5																			</															

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETS

END SUCTION AND
VERTICAL MULTISTAGE PUMPS

DRAINAGE
AND SEWAGE

GROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

CME, CM-GE / DCME, DCM-GE - MCE-C - 4 POLES

SELECTION TABLES



DCME, DCM-GE - HEATING, AIR CONDITIONING, REFRIGERATION, SOLAR AND DHW

MODEL	P2 NOMINAL		Q (m³/h) (l/min)	0	3	4.5	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114
	kW	HP		0	50	75	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900
DCM-GE 65-660	0.55	0.75	H(m)	6.5	-	-	6.4	5.9	4.4	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-
DCM-GE 65-920	0.75	1		9.1	-	-	9.1	8.8	7.4	5.8	3.5	-	-	-	-	-	-	-	-	-	-	-	-
DCM-GE 65-1200	1.5	2		12	-	-	-	11.9	11.6	11	10	9	7.6	-	-	-	-	-	-	-	-	-	-
DCM-GE 65-1680	3	4		16.8	-	-	-	16.7	16.3	15.7	14.9	13.7	12.4	11	9.3	-	-	-	-	-	-	-	-
DCM-GE 65-2380	4	5.5		23.8	-	-	-	23.9	23.5	22.8	21.8	20.3	18.6	16.8	14.5	-	-	-	-	-	-	-	-
DCM-GE 80-650	0.75	1		6.5	-	-	-	6.2	5.8	5.2	4.5	3.7	2.9	2.1	-	-	-	-	-	-	-	-	-
DCM-GE 80-890	1.5	2		8.5	-	-	-	-	-	8.3	8	7.5	6.8	6.1	5.3	4.4	3.5	-	-	-	-	-	-
DCM-GE 80-1530	3	4		14.4	-	-	-	-	-	14.1	13.7	13	12.2	11.3	10.2	9.2	8	6.8	-	-	-	-	-
DCM-GE 80-1700	4	5.5		16	-	-	-	-	-	15.7	15.5	15.3	14.6	14	13.2	12.3	11.2	10	8.9	7.7	-	-	-
DCM-GE 80-2410	5.5	7.5		24.1	-	-	-	-	-	-	-	23.3	22.7	22	21.1	20.2	18.9	17.6	16.2	-	-	-	-
DCM-GE 80-2700	7.5	10		27	-	-	-	-	-	-	-	26.1	26.1	25.5	24.9	24.2	23.2	22.1	20.7	19.3	17.9	-	-
DCM-GE 80-3420	11	15		34.2	-	-	-	-	-	-	-	33.3	33.3	32.9	32.3	31.8	30.9	29.9	29	27.8	24.4	22	20.8
DCM-GE 100-510	0.75	1		4.9	-	-	-	4.8	4.7	4.6	4.5	4	3.7	3.2	2.6	2.1	-	-	-	-	-	-	-

MODEL	P2 NOMINAL		Q (m³/h) (l/min)	0	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210	240	250	270	330	360
	kW	HP		0	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500	4000	4167	4500	5500	6000
DCM-GE 100-865	1.5	2	H(m)	8.6	8.4	8.3	8.1	7.9	7.6	7.4	7.1	6.8	6.4	6	5.6	4.7	3.5									
DCM-GE 100-1020	3	4		10.2	10.2	10	9.8	9.6	9.5	9.3	8.9	8.5	8	7.5	7.1	5.9	4.7	4								
DCM-GE 100-1320	4	5.5		13.2			13.2	13.1	13	12.8	12.4	11.9	11.3	10.8	10.2	8.8	7.4	6.6								
DCM-GE 100-1650	5.5	7.5		16.5			16.5	16.4	16.3	16	15.8	15.5	14.9	14.4	13.7	12.4	10.8	10								
DCM-GE 100-2050	7.5	10		19.3					19.2	18.8	18.5	17.9	17.6	17.2	16.6	15.5	14.1	13.3								
DCM-GE 100-2550	11	15		24					23.3	22.8	22.6	22.4	21.9	21.4	21	19.8	18.1	17.5								
DCM-GE 100-3290	15	20		30.9					30.5	30.3	30.1	29.9	29.4	28.8	28.3	27	25.8	25.1	20							
DCM-GE 125-1075	4	5.5		10					9.5	9.4	9.2	9	8.7	8.4	7.7	6.8	6.5	4.4	2.4							
DCM-GE 125-1270	5.5	7.5		11.7					11.8	11.7	11.5	11.4	11.1	10.8	10.2	9.2	8.9	6.4	3.8							
DCM-GE 125-1560	7.5	10		14.4					14.6	14.6	14.4	14.2	14	13.8	13.2	12.7	12.3	10.2	7.5	4.9						
DCM-GE 125-2100	11	15		20.1										19.9	19.6	19.3	18.2	17.8	15.4	12.7						
DCM-GE 125-2550	15	20		24.5										23.8	23.7	23.4	22.7	22.1	20	17.4	13.9					
DCM-GE 150-955	5.5	7.5		9.6														8.1	7	6.2	4.9	3.5	2.8			
DCM-GE 150-1322	7.5	10		11.8											11.5	11.5	11.4	11	10	8.5	7.2	6	5.5			
DCM-GE 150-1600	11	15		14.8												14.2	14.2	14	13.4	12.5	11.4	10.1	9.4	8.8		
DCM-GE 150-1950	15	20		18.1													17.9	17.8	17.7	17.5	16.9	15.9	14.8	14	13.5	10.5

CPE, CP-GE / DCPE, DCP-GE - MCE-C - 2 POLES

ELECTRONIC IN-LINE PUMPS FOR CIRCULATION SYSTEMS



Circulation pumps with in-line ports, designed for heating, air conditioning, refrigeration and domestic hot water systems.

Particularly versatile thanks to the use of the MCE-C variable frequency drive, it guarantees performance that can automatically adapt to different system requirements while maintaining constant differential pressures.

Flanged suction and delivery ports PN 16 with threaded holes for control gauges.

Cast iron pump body and motor support, cast iron or technopolymer impeller depending on model (bronze on request, only from DN 65 to DN 150).

Stainless steel motor shaft.

Sealing device: standardised mechanical seal as per DIN 24960 made of carbon/silicon carbide with EPDM O-rings.

Three-phase, 2-pole, asynchronous motor with external ventilation. Rotor mounted on ball bearings oversized to ensure low noise and durability.

Construction according to CEI 2-3 standards.

Operating range

1.2 to 230 m³/h with head up to 56 metres.

Liquid temperature range

-15°C to +120°C for DN 40 - 50 and all DCPE.

-10 °C ÷ +140 °C for DN 65 - 150.

Pumped liquid clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Installation fixed horizontal or vertical as long as the motor is positioned above the pump.

Maximum ambient temperature +40°C.

Maximum working pressure 16 bar.

Protection degree IP55.

Insulation class F.

Standard flanging PN 16.

Counterflanges on request DN 40 - DN 50 - DN 65 - DN 80 - DN 100 - DN 125 - DN 150; PN 16.80 - DN 100 - DN 125 - DN 150; PN 16.

REMOTE MONITORING
via web portal
and DConnect app



MCE-C
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CPE, CP-GE SINGLE WITH FLANGES WITH MCE-C VARIABLE FREQUENCY DRIVE

MODEL	FLANGE DIMENSIONS (mm)		CENTRE DISTANCE	POWER SUPPLY 50/60 HZ - 1x230 ~ V							POWER SUPPLY 50 HZ - 3x400 ~ V						
				CODE	PRICE €	MODEL MCE	P2 NOMINAL		In A	WEIGHT (kg)	CODE	PRICE €	MODEL MCE	P2 NOMINAL		In A	WEIGHT (kg)
	DNA	DNM					kW	HP						kW	HP		
CP-GE 65-1470	65	65	360	60192030*	5.135	MCE11/C	1.5	2	14.5	67	60192041*	6.042	MCE30/C	1.5	2	3	69.6
CP-GE 65-2280	65	65	360	-	-	-	-	-	-	-	60192031*	6.420	MCE30/C	3	4	5.6	88
CP-GE 65-2640	65	65	360	-	-	-	-	-	-	-	60192032*	7.382	MCE30/C	4	5.5	8.2	95
CP-GE 65-3400	65	65	360	-	-	-	-	-	-	-	60191938*	7.569	MCE55/C	5.5	7.5	10.2	128
CP-GE 65-4100	65	65	360	-	-	-	-	-	-	-	60167307*	9.427	MCE110/C	7.5	10	14.4	131
CP-GE 65-4700	65	65	475	-	-	-	-	-	-	-	60167308*	10.544	MCE110/C	11	15	19.9	209
CP-GE 65-5500	65	65	475	-	-	-	-	-	-	-	60167309*	13.292	MCE150/C	15	20	26.8	227
CP-GE 80-1400	80	80	360	60192033*	5.869	MCE15/C	2.2	3	20.7	86	60192042*	6.420	MCE30/C	2.2	3	4.6	88.6
CP-GE 80-2050	80	80	360	-	-	-	-	-	-	-	60192034*	7.528	MCE55/C	4	5.5	8.2	99
CP-GE 80-2400	80	80	360	-	-	-	-	-	-	-	60192035*	7.997	MCE55/C	5.5	7.5	10.2	133
CP-GE 80-2770	80	80	440	-	-	-	-	-	-	-	60167310*	9.952	MCE110/C	7.5	10	14.4	88
CP-GE 80-3250	80	80	440	-	-	-	-	-	-	-	60167311	10.624	MCE110/C	11	15	19.9	98
CP-GE 80-4000	80	80	440	-	-	-	-	-	-	-	60167313	13.472	MCE150/C	15	20	26.8	103
CP-GE 100-1600	100	100	500	-	-	-	-	-	-	-	60192036*	8.244	MCE55/C	4	5.5	8.2	86
CP-GE 100-1950	100	100	500	-	-	-	-	-	-	-	60192037	8.710	MCE55/C	5.5	7.5	10.2	92
CP-GE 100-2350	100	100	500	-	-	-	-	-	-	-	60167315*	10.668	MCE110/C	7.5	10	14.4	110
CP-GE 100-2400	100	100	550	-	-	-	-	-	-	-	60167316	11.340	MCE110/C	11	15	19.9	120
CP-GE 100-3050	100	100	550	-	-	-	-	-	-	-	60167317*	12.074	MCE150/C	15	20	26.8	159

* Proportional differential pressure control mode P-v also available.

CPE, CP-GE / DCPE, DCP-GE - MCE-C - 2 POLES

ELECTRONIC IN-LINE PUMPS FOR CIRCULATION SYSTEMS



DCPE, DCP-GE TWIN FLANGES WITH MCE-C VARIABLE FREQUENCY DRIVE

MODEL	FLANGE DIMENSIONS (mm)		CENTRE DISTANCE	POWER SUPPLY 50/60 HZ - 1x230 ~ V							POWER SUPPLY 50 HZ - 3x400 ~ V						
				CODE	PRICE €	MODEL MCE	P2 NOMINAL		In A	WEIGHT (kg)	CODE	PRICE €	MODEL MCE	P2 NOMINAL		In A	WEIGHT (kg)
	DNA	DNM					kW	HP						kW	HP		
DCP-GE65-1470	65	65	360	60192043 *	10.162	MCE11/C	1.5	2	14.5	148	60192056 *	12.003	MCE30/C	1.5	2	3	150
DCP-GE65-2280	65	65	360	-	-	-	-	-	-	-	60192044 *	12.719	MCE30/C	3	4	5.6	193
DCP-GE65-2640	65	65	360	-	-	-	-	-	-	-	60192045 *	14.638	MCE55/C	4	5.5	8.2	206
DCP-GE65-3400	65	65	360	-	-	-	-	-	-	-	60192055 *	15.579	MCE55/C	5.5	7.7	10.2	272
DCP-GE65-4100	65	65	360	-	-	-	-	-	-	-	60167318 *	19.376	MCE110/C	7.5	10	14.4	284
DCP-GE65-4700	65	65	475	-	-	-	-	-	-	-	60167319 *	21.756	MCE110/C	11	15	19.9	423
DCP-GE65-5500	65	65	475	-	-	-	-	-	-	-	60167320 *	27.413	MCE150/C	15	20	26.8	459
DCP-GE80-1400	80	80	360	60192049 *	11.852	MCE22/C	2.2	3	20.7	177	60192057 *	12.970	MCE30/C	2.2	3	4.6	179
DCP-GE80-2050	80	80	360	-	-	-	-	-	-	-	60192050 *	15.208	MCE55/C	4	5.5	8.2	195
DCP-GE80-2400	80	80	360	-	-	-	-	-	-	-	60192051 *	16.151	MCE55/C	5.5	7.5	10.2	264
DCP-GE80-2770	80	80	440	-	-	-	-	-	-	-	60167321 *	20.099	MCE55/C	7.5	10	14.4	186
DCP-GE80-3250	80	80	440	-	-	-	-	-	-	-	60167322	21.463	MCE110/C	11	15	19.9	204
DCP-GE80-4000	80	80	440	-	-	-	-	-	-	-	60167323 *	27.214	MCE150/C	15	20	26.8	214
DCP-GE100-1600	100	100	500	-	-	-	-	-	-	-	60192052	15.572	MCE55/C	4	5.5	8.2	183
DCP-GE100-1950	100	100	500	-	-	-	-	-	-	-	60192053	16.365	MCE55/C	5.5	7.5	10.2	197
DCP-GE100-2350	100	100	500	-	-	-	-	-	-	-	60167324 *	20.621	MCE110/C	7.5	10	14.4	230
DCP-GE100-2400	100	100	550	-	-	-	-	-	-	-	60167325	22.909	MCE110/C	11	15	19.9	273
DCP-GE100-3050	100	100	550	-	-	-	-	-	-	-	60167326 *	24.390	MCE150/C	15	20	26.8	352

* Proportional differential pressure control mode P-v also available.

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

ELECTRONIC IN-LINE PUMPS

SELECTION TABLES

CPE, CP-GE - HEATING, AIR CONDITIONING, REFRIGERATION, SOLAR AND DHW

MODEL	P2 NOMINAL		Q (m³/h) (l/min)	0	3.6	4.8	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210
	kW	HP		0	60	80	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500
CP-GE 65-1470	1.5	2	H(m)	14.7			14.5	14.3	13.8	13	11.8	10.5	8.6	7													
CP-GE 65-2280	3	4		22.8			22.5	22.3	22	21.2	20.2	19	17.4	15.5	13.5												
CP-GE 65-2640	4	5.5		26.4			26.2	26	25.6	25	24	23	21.5	19.5	17.5	15											
CP-GE 65-3400	5.5	7.5		34					34	33.5	32.5	31	29.5	27	24												
CP-GE 65-4100	7.5	10		41	-	-	-	-	41	41	40	39	37.5	35.5	33	30	26.5	-	-	-	-	-	-	-	-	-	-
CP-GE 65-4700	11	15		47	-	-	-	-	-	-	45.5	45	44.3	43.3	42	40.8	39	37	35	32.3	-	-	-	-	-	-	-
CP-GE 65-5500	15	20		55	-	-	-	-	-	-	56	55.5	54	53.5	52	51	49	47.5	45.5	43	41	-	-	-	-	-	-
CP-GE 80-1400	2.2	3		14	-	-	-	-	-	13.8	13.3	12.9	12.5	12.1	11.4	10.8	10	9.2	8.3	7.5	-	-	-	-	-	-	-
CP-GE 80-2050	4	5.5		20.5	-	-	-	-	-	20	19.5	19.1	18.5	18	17.5	16.5	15.8	14.8	14	12.5	11.5	-	-	-	-	-	-
CP-GE 80-2400	5.5	7.5		24	-	-	-	-	-	23.6	23.5	23.2	22.8	22.2	21.5	21	20	19.1	18.5	17.5	16.5	13.4	-	-	-	-	-
CP-GE 80-2770	7.5	10		27.7	-	-	-	-	-	-	-	-	-	27.5	27.3	27.1	26.7	25.8	25.6	24.9	24.5	23	21.2	20.1	-	-	-
CP-GE 80-3250	11	15		32.5	-	-	-	-	-	-	-	-	-	32.2	32	31.8	31.3	30.2	30	29.2	28.7	27	24.8	23.6	-	-	-
CP-GE 80-4000	15	20		40	-	-	-	-	-	-	-	-	-	40.2	40	39.8	39.5	39	38.5	38.2	37.5	36	34.5	33.5	26.9	-	-
CP-GE 100-1600	4	5.5		16	-	-	-	-	-	-	-	15	14.6	14.2	13.7	13.3	12.8	12.3	11.7	11	10.4	9.3	8	-	-	-	-
CP-GE 100-1950	5.5	7.5		19.5	-	-	-	-	-	-	-	19	18.9	18.7	18.4	18.1	17.5	17.2	16.9	16.5	15.8	14.5	13	12	-	-	-
CP-GE 100-2350	7.5	10		23.5	-	-	-	-	-	-	-	23.1	23	22.8	22.6	22.5	22	21.6	21.1	20.7	20.2	19	17.5	14.8	12	-	-
CP-GE 100-2400	11	15		24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	21.4	20.4	20	17.4	16.8	12
CP-GE 100-3050	15	20		30.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	28.4	27.5	27	24.5	21.3	18.3

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETS

END SUCTION AND
VERTICAL MULTISTAGE PUMPS

DRAINAGE
AND SEWAGE

GROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

ELECTRONIC IN-LINE PUMPS

SELECTION TABLES

DCPE, DCP-GE - HEATING, AIR CONDITIONING, REFRIGERATION, SOLAR AND DHW

MODEL	P2 NOMINAL		Q (m³/h) (l/min)	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210
	KW	HP		0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500
DCP-GE 65-1470	1.5	2	H (m)	14.4	14.2	13.8	13.1	12	10.6	9	7	5.3	-	-	-	-	-	-	-	-	-	-	-	-	-
DCP-GE 65-2280	3	4		22.3	-	-	21.1	19.9	18.4	16.8	14.7	12.5	10.2	-	-	-	-	-	-	-	-	-	-	-	-
DCP-GE 65-2640	4	5.5		25.9	-	-	24.6	23.7	22.2	20.7	18.8	16.4	14	11.4	-	-	-	-	-	-	-	-	-	-	-
DCP-GE 65-3400	5.5	7.7		33.3	-	-	32.5	31.4	29.7	27.4	25	21.7	18.2	-	-	-	-	-	-	-	-	-	-	-	-
DCP-GE 65-4100	7.5	10		40.2	-	-	39.6	39	37.4	35.7	33.4	30.7	27.5	23.9	20.1	-	-	-	-	-	-	-	-	-	-
DCP-GE 65-4700	11	15		46.4	-	-	-	-	44.3	43.6	42.6	41.3	39.6	38.1	35.9	33.6	31.3	-	-	-	-	-	-	-	-
DCP-GE 65-5500	15	20		54.3	-	-	-	-	54.7	53.9	52.1	51.2	49.4	48	45.6	43.7	41.3	38.4	36.1	-	-	-	-	-	-
DCP-GE 80-1400	2.2	3		13.7	-	-	-	14.3	13.7	13	12.3	11.4	10.3	9.1	7.8	6.5	5.2	4	-	-	-	-	-	-	-
DCP-GE 80-2050	4	5.5		20.1	-	-	-	20.8	20.1	19.5	18.4	17.4	16.2	14.6	13.1	11.3	9.7	7.7	6.1	-	-	-	-	-	-
DCP-GE 80-2400	5.5	7.5		23.5	-	-	-	24.5	24.4	23.9	23.1	22.1	20.8	19.6	17.9	16.3	14.8	13	11.2	7.1	-	-	-	-	-
DCP-GE 80-2770	7.5	10		27.1	-	-	-	-	-	-	-	26.6	26	25.3	24.3	22.8	21.9	20.5	19.3	16.2	13	11.3	-	-	-
DCP-GE 80-3250	11	15		31.9	-	-	-	-	-	-	-	31.2	30.5	29.7	28.5	26.7	25.6	24	22.6	19.1	15.2	13.2	-	-	-
DCP-GE 80-4000	15	20		39.2	-	-	-	-	-	-	-	39.7	39.1	38.5	37.7	36.7	35.6	34.6	33.2	30.1	26.9	25.1	15.1	-	-
DCP-GE 100-1600	4	5.5		16	-	-	-	-	-	15.8	15.2	14.5	13.6	12.8	11.8	10.8	9.6	8.4	7.3	5.1	3	-	-	-	-
DCP-GE 100-1950	5.5	7.5		19.5	-	-	-	-	-	20.1	19.8	19.2	18.5	17.7	16.5	15.5	14.5	13.3	11.8	9	6	4.5	-	-	-
DCP-GE 100-2350	7.5	10		23.5	-	-	-	-	-	24.5	24.4	24	23.6	23.1	22.2	21.4	20.4	19.4	18.3	15.7	12.9	11.7	4.5	-	-
DCP-GE 100-2400	11	15		23.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.9	21	19.7	19.1	15.5	13.4	8.2
DCP-GE 100-3050	15	20		30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28.9	27.9	26.5	25.8	21.8	17	12.5

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

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END SUCTION AND
VERTICAL MULTISTAGE PUMPS

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AND SEWAGE

GROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

ALM, ALP

IN-LINE PUMPS



Circulation pumps with in-line ports, designed for civil and industrial heating, air conditioning and domestic hot water systems. Technopolymer impeller. Asynchronous motor, two-pole for ALP series and four-pole for ALM series. Built-in thermo-amperometric protection and permanently inserted capacitor for the single-phase version. For the protection of the three-phase motor, we recommend the use of a motor protector in accordance with current standards. Bronze pump body and motor support.

New AISI 316 motor shaft and new silicon carbide/silicon carbide mechanical seal for increased reliability.

Operating range

0.6 to 6.5 m³/h with head up to 7.7 metres.

Liquid temperature range

-15 °C to +120 °C.

Pumped liquid clean free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral close to the characteristics of water.

Maximum ambient temperature +40 °C.

Maximum working pressure

10 bar (1000 kPa).

Protection degree IP55.

Insulation class F.

THREE-PHASE MOTORS	P2	< 0.75 kW	IE2
		≥ 0.75 kW < 75 kW	IE3
		≥ 75 kW	IE4*

* Available soon

ACCESSORIES
PAGE 77

ALM 200, ALP 800

ALM - 1400 rpm 1/min - 4 poles

ALP - 2800 rpm 1/min - 2 poles

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA				HYDRAULIC DATA							WEIGHT KG	QTY PER PALLET
					POWER SUPPLY 50Hz	P2 NOMINAL		In A	Q=m³/h	0	1.2	2.4	3.6	4.8	6		
						kW	HP		Q=l/min	0	20	40	60	80	100		
ALM 200 M	60214693	634	180	1 ½"	1x220-240 V ~	0.059	0.08	0.7	H (m)	1.9	1.65	1				7.5	39
ALM 200 T	60214694	558	180	1 ½"	3x230-400V~	0.059	0.08	0,53-0,3		1.9	1.65	1				7.5	39
ALP 800 M	60214695	549	180	1 ½"	1x220-240 V ~	0.103	0.13	1.4		7.7	7.2	6.3	5.8	3.9	2	7.5	39
ALP 800 T	60214701	512	180	1 ½"	3x230-400V~	0.14	0.19	1,7 - 0,9		7.7	7.2	6.3	5.8	3.9	2	7.5	39

GROUPING: BQ

ALM, ALP

IN-LINE PUMPS



Circulation pumps with in-line ports, designed for civil and industrial heating, air conditioning and domestic hot water systems. Technopolymer impeller. Asynchronous motor, two-pole for ALP series and four-pole for ALM series. Built-in thermo-amperometric protection and permanently inserted capacitor for the single-phase version. For the protection of the three-phase motor, we recommend the use of a motor protector in accordance with current standards. Cast iron pump body and motor support.

New AISI 316 motor shaft and new silicon carbide/silicon carbide mechanical seal for increased reliability

Operating range

1.5 to 8.4 m³/h with head up to 21 metres.

Liquid temperature range

-15 °C to +120 °C.

Pumped liquid clean free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral close to the characteristics of water.

Maximum ambient temperature +40 °C.

Maximum working pressure

10 bar (1000 kPa).

Protection degree IP55.

Insulation class F.

THREE-PHASE MOTORS	P2	< 0.75 kW	IE2	SINGLE-PHASE MOTORS	P2	≥ 120 W	IE2
		≥ 0.75 kW < 75 kW	IE3				
		≥ 75 kW	IE4*				

* Available soon

ACCESSORIES
PAGE 77

ALM 500, ALP 2000

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA					HYDRAULIC DATA								WEIGHT KG	QTY PER PALLET	
					POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOMINAL		In A	Q=m³/h	0	1.2	2.4	3.6	4.8	6	7.2			8.4
							kW	HP		Q=l/min	0	20	40	60	80	100	120			140
ALM 500 M	60214696	742	250	2" G-M	1x220-240 V ~	0.22	0.097	0.13	0.93	H(m)	5.5	5.4	5.3	4.8	4.1	3	1.5		14.5	21
ALM 500 T	60214697	672	250	2" G-M	3x230-400V~	0.19	0.25	0.33	1-0.6		5.5	5.4	5.3	4.8	4.1	3	1.5		14.5	21
ALP 2000 M	60212472	785	250	2" G-M	1x230V	0.75	0.75	1	3.7		21.1	20.6	19.6	18	16	13.8	10.5	5.3	14.5	21
ALP 2000 T	60214699	719	250	2" G-M	3x230-400V~	0.74	0.53	0.71	2,3-1,3		21.1	20.6	19.6	18	16	13.8	10.5	5.3	14.5	21

KLM, KLP / DKLM, DKLP

IN-LINE PUMPS



In-line pumps designed for air conditioning, heating, water circulation in thermal solar panel systems (solar collectors) and for domestic hot water circulation in civil and commercial installations. Cast iron pump body and motor support, technopolymer impeller. Pumps marked KLM and KLP are single, those marked DKLM and DKLP are twin.

All models have an air-cooled motor. KLM versions have a four-pole motor, KLP versions a two-pole motor.

New AISI 316 motor shaft and new silicon carbide/silicon carbide mechanical seal for increased reliability.

Operating range

2 to 67 m³/h with head up to 13.7 metres.

Liquid temperature range

-15 °C to +120 °C.

Pumped liquid clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Maximum ambient temperature +40 °C.

Maximum working pressure

10 bar (1000 kPa).

Protection degree IP55.

Insulation class F.

Flanging PN 10/PN 6.

Counterflanges threaded or with collar to be welded on request.

THREE-PHASE MOTORS	P2	< 0.75 kW	IE2
		≥ 0.75 kW < 75 kW	IE3
		≥ 75 kW	IE4*

SINGLE-PHASE MOTORS	P2	≥ 120 W	IE2

* Available soon

ACCESSORIES
PAGE 77

KLM, KLP SINGLE WITH FLANGES

KLM - 1400 rpm 1/min - 4 poles
KLP - 2800 rpm 1/min - 2 poles

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA					HYDRAULIC DATA															WEIGHT KG	QTY PER PALLET			
					POWER SUPPLY 50Hz	P1 MAX KW	P2 NOMINAL		In A	Q=m³/h	0	3.6	4.8	6	9.6	12	14.4	16.8	18	24	30	36	48	60			72	84	
							kW	HP		Q=l/min	0	60	80	100	160	200	240	280	300	400	500	600	800	1000			1200	1400	
KLM 40-300 M	60214754	906	250	DN 40	1x220-240V~	0.2	0.1	0.14	1.12	H (m)	4.1	3.7	3.5	3.1	1.5												21.1	12	
KLM 40-300 T	60214753	818	250	DN 40	3x230-400V~	0.16	0.1	0.14	1,04-0.6		4.1	3.7	3.5	3.1	1.5													20.1	12
KLP 40-600 M	60212461	952	250	DN 40	1x230V	0.5	0.75	1	2.5		8.3	8	7.9	7.7	6.6	5.4	3.8	2										22.5	12
KLP 40-600 T	60214723	858	250	DN 40	3x230-400V~	0.49	0.3	0.41	2,13-1,23		8.3	8	7.9	7.7	6.6	5.4	3.8	2										22.5	12
KLP 40-900 M	60212460	952	250	DN 40	1x230V	0.6	0.75	1	2.9		10.6	10.4	10.3	10	8.8	7.6	6	4.4	3.4									22.5	12
KLP 40-900 T	60214725	858	250	DN 40	3x230-400V~	0.63	0.41	0.56	2,37-1,37		10.6	10.4	10.3	10	8.8	7.6	6	4.4	3.4									22.5	12
KLP 40-1200 M	60212459	1.009	250	DN 40	1x230V	0.79	0.75	1	3.6		13.9	13.2	13	12.6	11.3	9.9	8.2	6.2	5									23.2	12
KLP 40-1200 T	60214727	921	250	DN 40	3x230-400V~	0.82	0.54	0.73	2,70-1,56		13.9	13.2	13	12.6	11.3	9.9	8.2	6.2	5									23.2	12
KLP 40-1600 M	60212451	1.009	250	DN 40	1x230V	0.91	0.75	1	4.1		16.5	15.9	15.6	15.3	14	12.9	11.3	9.3	8									23.5	12
KLP 40-1600 T	60214730	968	250	DN 40	3x230-400V~	0.96	0.75	1.01	3,44-1,91		16.5	15.9	15.6	15.3	14	12.9	11.3	9.3	8									23.5	12
KLP 40-1800 M	60212441	1.009	250	DN 40	1x230V	1	0.75	1	4.4		18.9	18.2	17.8	17.5	16	14.7	13	11	9.9	2.7								24.5	12
KLP 40-1800 T	60214732	968	250	DN 40	3x230-400V~	1.09	0.85	1.15	3,29-1,88		18.9	18.2	17.8	17.5	16	14.7	13	11	9.9	2.7								24.5	12
KLM 50-300 M	60214756	1.352	280	DN 50	1x220-240V~	0.21	0.11	0.15	1.1		3	2.9	2.9	2.8	2.3	1.8	1.2	0.5										24.2	12
KLM 50-300 T	60214755	1.248	280	DN 50	3x230-400V~	0.17	0.11	0.15	1,02-0,59		3	2.9	2.9	2.8	2.3	1.8	1.2	0.5										24.2	12
KLM 50-600 T	60214757	1.248	280	DN 50	3x230-400V~	0.34	0.22	0.3	1,28-0,74		5.8	5.7	5.6	5.5	5	4.5	4	3.2	2.8									24.6	12
KLP 50-900 M	60212507	1.450	280	DN 50	1x230V	0.75	0.75	1	3.4		9.3	9.3	9.2	9	8.5	8	7.5	6.8	6.3	3.8								26.5	12
KLP 50-900 T	60214733	1.462	280	DN 50	3x230-400V~	0.67	0.51	0.69	3,39-1,96		9.3	9.3	9.2	9	8.5	8	7.5	6.8	6.3	3.8								26.5	12
KLP 50-1200 M	60212508	1.450	280	DN 50	1x230V	0.99	0.75	1	4.3		12.2	12.2	12.1	12	11.5	11	10.3	9.5	9.1	6.6	3.8							26.6	12
KLP 50-1200 T	60214739	1.462	280	DN 50	3x230-400V~	0.92	0.72	0.97	3,72-2,15		12.2	12.2	12.1	12	11.5	11	10.3	9.5	9.1	6.6	3.8							26.6	12
KLP 50-1600 M	60211870	1.479	280	DN 50	1x230V	1.53	1.4	1.9	6.9		16.2	15.9	15.8	15.6	15.1	14.6	13.9	13	12.6	10	7.1	3.9						26.7	4
KLP 50-1600 T	60214742	1.526	280	DN 50	3x230-400V~	1.32	1.01	1.38	4,05-2,32		16.2	15.9	15.8	15.6	15.1	14.6	13.9	13	12.6	10	7.1	3.9						26.7	12
KLP 50-2000 M	60211905	1.514	280	DN 50	1x230V	2.4	1.4	1.9	10.7		23.4	23.3	23.2	23.2	22.8	22.3	21.7	21	20.6	18.2	15.3	12						33	4
KLP 50-2000 T	60214744	1.733	280	DN 50	3x230-400V~	2.34	1.83	2.49	6,77-3,9		23.4	23.3	23.2	23.2	22.8	22.3	21.7	21	20.6	18.2	15.3	12						33	8
KLM 65-300 T	60214759	1.263	340	DN 65	3x230-400V~	0.22	0.15	0.2	1,07-0,62		3.1	3	3	3	2.8	2.5	2.2	1.7	1.5									29.3	8
KLM 65-600 T	60214760	1.263	340	DN 65	3x230-400V~	0.36	0.24	0.33	1,30-0,75		5.1	5.1	5.1	5	4.8	4.5	4.2	3.8	3.6	2.1								29.5	8
KLP 65-900 T	60214748	1.530	340	DN 65	3x230-400V~	0.99	0.8	1.09	5,05-2,92		9.3	9.4	9.4	9.4	9.3	9.2	9.1	8.9	8.7	7.7	6	3.6						35	8
KLP 65-1200 T	60214745	1.530	340	DN 65	3x230-400V~	1.34	1.12	1.52	5,64-3,26		12.3	12.3	12.3	12.3	12.2	12.2	12.1	12	12	11	9.2	6.8						35.1	8
KLP 65-1600 T	60214747	1.526	340	DN 65	3x230-400V~	1.99	1.65	2.25	6,49-3,75		17.2	17.2	17.2	17.2	17.2	17.2	17.2	17	16.9	15.8	14.1	11.9	6.3					35.2	8
KLP 65-2000 T	60214596	1.733	340	DN 65	3x230-400V~	2.51	2	2.72	7,7-4,5		20.6	20.7	20.7	20.7	20.6	20.5	20.3	20	19.8	18.8	17.2	15.1	9.7					38.2	4
KLM 80-300 T	60214761	1.275	360	DN 80	3x230-400V~	0.36	0.25	0.33	1,2-0,7		3.1	3.1	3.1	3.1	3.1	3.1	3	3	3	2.5	2	1.1						32.5	8
KLM 80-600 T	60214762	1.482	360	DN 80	3x230-400V~	0.75	0.75	1	2,8-1,6		5.6	5.7	5.8	5.8	5.8	5.8	5.8	5.7	5.7	5.4	5	4.3	2.4					36.7	8
KLP 80-900 T	60214749	1.869	360	DN 80	3x230-400V~	1.4	1.84	2.5	5,2-3,51		8.8	8.8	8.8	8.8	8.7	8.7	8.7	8.6	8.6	8.4	8	7.5	6	3.6				40	8
KLP 80-1200 T	60214750	1.869	360	DN 80	3x230-400V~	2.1	1.84	2.5	6,6-4,31		11.8	11.7	11.7	11.7	11.7	11.6	11.6	11.6	11.6	11.5	11.3	11	9.8	7.4	4.2			41	8
KLP 80-1600 T	60214751	2.236	360	DN 80	3x230-400V~	3.2	2.55	3.5	10,28-5,94		16.2	16.2	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.2	16	15.5	14	11.5	8.7	5.3		42	4
KLP 80-2000 T	60214619	2.591	360	DN 80	3x230-400V~	4.72	3.67	5	14,9-8,42		20.8	20.9	21	21	21	21.1	21.1	21.1	21.1	21.1	21.1	21	20.6	19.3	17.4	14.8	11.7		48

KLM, KLP / DKLM, DKLP

IN-LINE PUMPS



DKLM, DKLP

 DKLM - 1400 rpm 1/min - 4 poles
 DKLP - 2800 rpm 1/min - 2 poles

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA					HYDRAULIC DATA																WEIGHT KG	QTY PER PALLET	
					POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOMINAL		In A	Q=m³/h	0	3.6	4.8	6	9.6	12	14.4	16.8	18	24	30	36	48	60	72			
							kW	HP		Q=l/min	0	60	80	100	160	200	240	280	300	400	500	600	800	1000	1200			
DKLM 40-300 M	60214795	1.777	250	DN 40	1x220-240V~	0.19	0.1	0.14	1.12	H (m)	3.6	3.2	2.9	2.6	1											38.2	8	
DKLM 40-300 T	60214794	1.624	250	DN 40	3x230-400V~	0.14	0.1	0.14	1,04-0,6		3.6	3.2	2.9	2.6	1												38.2	8
DKLP 40-600 M	60212503	1.865	250	DN 40	1x230 V	0.5	0.75	1	2.5		8.3	7.8	7.5	7.1	5.4	3.9	1.9										41.8	8
DKLP 40-600 T	60214764	1.705	250	DN 40	3x230-400V~	0.39	0.3	0.41	2,13-1,23		8.3	7.8	7.5	7.1	5.4	3.9	1.9										41.8	8
DKLP 40-900 M	60212504	1.865	250	DN 40	1x230 V	0.6	0.75	1	2.9		10.6	10.2	10	9.7	8	6.4	4.5	2.5									41.8	8
DKLP 40-900 T	60214765	1.705	250	DN 40	3x230-400V~	0.45	0.41	0.56	2,37-1,37		10.6	10.2	10	9.7	8	6.4	4.5	2.5									41.8	8
DKLP 40-1200 M	60212505	1.944	250	DN 40	1x230 V	0.79	0.75	1	3.6		14.3	13.6	13.2	12.8	11.1	9.4	7.5	5.3	4.1								41.8	8
DKLP 40-1200 T	60214767	1.763	250	DN 40	3x230-400V~	0.87	0.54	0.73	2,70-1,56		14.3	13.6	13.2	12.8	11.1	9.4	7.5	5.3	4.1								41.8	8
DKLP 40-1600 M	60212555	1.975	250	DN 40	1x230 V	0.91	0.75	1	4.1		16.5	16	15.6	15.2	13.5	11.9	9.8	7.5	6.1								45.8	8
DKLP 40-1600 T	60214770	1.880	250	DN 40	3x230-400V~	1.04	0.75	1.01	3,44-1,91		16.5	16	15.6	15.2	13.5	11.9	9.8	7.5	6.1								45.8	8
DKLP 40-1800 M	60212554	1.975	250	DN 40	1x230 V	1	0.75	1	4.4		19.1	18.2	17.8	17.3	15.4	13.6	11.5	9.1	7.7								45.8	8
DKLP 40-1800 T	60214772	1.880	250	DN 40	3x230-400V~	1.03	0.85	1.15	3,29-1,88		19.1	18.2	17.8	17.3	15.4	13.6	11.5	9.1	7.7								45.8	8
DKLM 50-300 M	60214797	2.600	280	DN 50	1x220-240V~	0.21	0.11	0.15	1.1		3	2.8	2.6	2.5	1.8	1.2	0.5										51	2
DKLM 50-300 T	60214796	2.401	280	DN 50	3x230-400V~	0.16	0.11	0.15	1,02-0,59		3	2.8	2.6	2.5	1.8	1.2	0.5										51	2
DKLM 50-600 T	60214798	2.401	280	DN 50	3x230-400V~	0.32	0.22	0.3	1,28-0,74		5.7	5.4	5.3	5.1	4.2	3.6	2.9	2	1.6								52	2
DKLP 50-900 M	60212552	2.776	280	DN 50	1x230 V	0.75	0.75	1	3.4		9.5	9.2	9	8.8	8	7.4	6.6	5.7	5.2	2.4							54	2
DKLP 50-900 T	60214773	2.831	280	DN 50	3x230-400V~	0.63	0.51	0.69	3,39-1,96		9.5	9.2	9	8.8	8	7.4	6.6	5.7	5.2	2.4							54	2
DKLP 50-1200 M	60212509	2.776	280	DN 50	1x230 V	0.99	0.75	1	4.3		12.3	11.9	11.7	11.5	10.8	10.1	9.3	8.4	7.9	5							54.2	2
DKLP 50-1200 T	60214775	2.831	280	DN 50	3x230-400V~	0.87	0.72	0.97	3,72-2,15		12.3	11.9	11.7	11.5	10.8	10.1	9.3	8.4	7.9	5							54.2	2
DKLP 50-1600 M	60211888	2.841	280	DN 50	1x230 V	1.53	1.4	1.9	6.9		16.1	16.5	15.3	15	14.1	13.3	12.4	11.4	10.8	7.6	3.6						54.5	2
DKLP 50-1600 T	60214778	2.839	280	DN 50	3x230-400V~	1.35	1.01	1.38	4,05-2,32		16.1	16.5	15.3	15	14.1	13.3	12.4	11.4	10.8	7.6	3.6						54.5	2
DKLP 50-2000 M	60211889	2.906	280	DN 50	1x230 V	2.4	1.4	1.9	10.7		23.2	22.8	22.6	22.3	21.3	20.4	19.5	18.5	17.9	14.8	11.2	7					58.5	2
DKLP 50-2000 T	60214780	3.223	280	DN 50	3x230-400V~	2.3	1.83	2.49	6,77-3,9		23.2	22.8	22.6	22.3	21.3	20.4	19.5	18.5	17.9	14.8	11.2	7					58.5	2
DKLM 65-300 T	60214788	2.446	340	DN 65	3x230-400V~	0.2	0.15	0.2	1,07-0,62		3.2	3.1	3.1	3.1	2.9	2.6	2.3	2	1.7								55	2
DKLM 65-600 T	60214789	2.446	340	DN 65	3x230-400V~	0.36	0.24	0.33	1,30-0,75		5.1	5.1	5	5	4.5	4.2	3.8	3.3	3.1	1.7							62	2
DKLP 65-900 T	60214781	2.968	340	DN 65	3x230-400V~	0.9	0.8	1.09	5,05-2,92		9.5	9.5	9.5	9.4	9.2	9.1	8.9	8.6	8.4	7.3	5.6	3.5					66	2
DKLP 65-1200 T	60214782	2.968	340	DN 65	3x230-400V~	1.2	1.12	1.52	5,64-3,26		12.4	12.3	12.2	12.1	12	11.9	11.7	11.5	11.4	10.2	8.3	6					66.2	2
DKLP 65-1600 T	60214783	2.963	340	DN 65	3x230-400V~	1.97	1.65	2.25	6,49-3,75		17	16.9	16.9	16.8	16.6	16.4	16.2	16	15.8	14.6	12.7	10.4	5.1				66.5	2
DKLP 65-2000 T	60214784	3.363	340	DN 65	3x230-400V~	2.57	2	2.72	7,7-4,5		20.4	20.1	20	20	19.8	19.7	19.4	19.1	19	17.5	15.5	13	7.8				72.5	2
DKLM 80-300 T	60214790	2.475	360	DN 80	3x230-400V~	0.36	0.25	0.33	1,2-0,7		3.5	3.4	3.4	3.4	3.2	3.1	3	2.8	2.7	2.2	1.5						62	2
DKLM 80-600 T	60214791	2.834	360	DN 80	3x230-400V~	0.75	0.75	1	2,8-1,6		5.6	5.6	5.6	5.6	5.5	5.4	5.3	5.2	5	4.6	3.9	3.1					70	2
DKLP 80-900 T	60214785	3.594	360	DN 80	3x230-400V~	1.5	1.84	2.5	5,2-3		8.9	8.8	8.7	8.7	8.5	8.3	8.2	8	7.9	7.3	6.6	5.7	3.4				78	2
DKLP 80-1200 T	60214786	3.594	360	DN 80	3x230-400V~	2.1	1.84	2.5	6,6-3,8		11.9	11.8	11.8	11.7	11.6	11.5	11.3	11.2	11.1	10.5	9.7	8.8	4.5	3.9			78	2
DKLP 80-1600 T	60214792	4.295	360	DN 80	3x230-400V~	3.3	2.55	3.5	10,28-5,94		16.3	16.2	16.1	16	15.8	15.6	15.5	15.3	15.2	14.9	14.4	13.7	11.6	8.7	5.1	81.2	2	
DKLP 80-2000 T	60214793	4.976	360	DN 80	3x230-400V~	4.7	3.67	5	14,9-8,42		20.3	20.3	20.3	20.3	20.3	20.3	20.2	20.2	20.1	19.9	19.4	18.8	16.8	13.9	10.4	93.2	2	

Blank flange supplied as standard for twin version.

CM2, CM2-G/DCM2, DCM2-G

IN-LINE PUMPS



In-line pumps for circulation in heating and air conditioning systems in commercial and residential buildings. Also available in twin versions (D versions).

The impeller is made of cast iron or technopolymer, depending on the model. The silicon carbide mechanical seal and EPDM seals maximises the pump's performance and durability, and allows the pump to work with up to 50% glycol, enabling it to operate in environments where temperatures are particularly low.

The pumps can be adapted to different installation standards: thanks to a spacer that is easily installed, the length of the mechanical seal can be changed as required.

The centre distance has a standard length to allow for the replacement of obsolete products in existing systems.

Flow rate up to 105 m³/h

Head up to 110 m

Type of liquid pumped clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral, similar to the characteristics of water.

Maximum glycol percentage 50%

Liquid temperature -15 °C +140 °C

Maximum ambient temperature +50 °C

Maximum working pressure

1600 kPa / 16 bar

Flanging or threading

Flanging to PN10/16

Motor efficiency IE2 up to 0.55 kW; IE3 > 0.75 kW

Motor protection degree IP55

Motor insulation class F

Impeller construction material

Cast iron or technopolymer

Three-phase power supply

3x230 V 50 Hz / 3x400 V 50 Hz

Maximum RPM 2910 rpm

Type of installation possible

fixed horizontal or vertical as long as the motor is positioned above the pump. Vertical installation only for power outputs above 7.5 kW.

THREE-PHASE MOTORS	P2	< 0.75 kW	IE2
		≥ 0.75 kW < 75 kW	IE3
		≥ 75 kW	IE4*

* Available soon

CM2, CM2-G SINGLE WITH FLANGES

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA						HYDRAULIC DATA					WEIGHT KG
					POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMIN.		In (A)		Q=m³/h	0	5	10	15	
							kW	HP	230	400		Q=l/min	0	83	167	250
CM2 32-450 T	60209861	834	260	DN32	3x230-400V~	0.26	0.25	0.4	1.2	0.7	H (m)	4.7	4.3	3.2	1.5	21.9
CM2 32-600 T	60209862	916	260		3x230-400V~	0.33	0.25	0.4	1.3	0.8		6	5.6	4.4	2.4	21.6
CM2 32-800 T	60209863	1.030	320		3x230-400V~	0.51	0.37	0.6	2	1.2		7.8	7.6	6.5	4.9	27
CM2 32-1200 T	60209864	1.144	320		3x230-400V~	0.73	0.55	0.9	2.4	1.4		10.9	10.6	9.4	7.4	27

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA						HYDRAULIC DATA						WEIGHT KG
					POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMIN.		In (A)		Q=m³/h	0	10	20	25	30	
							kW	HP	230	400		Q=l/min	0	167	333	417	500
CM2 40-450 T	60213569	850	320	DN40	3x230-400V~	0.26	0.25	0.33	1.3	0.77	H (m)	4.6	4.1	2	-	-	31.7
CM2 40-650 T	60213570	979	320		3x230-400V~	0.51	0.37	0.55	2	1.13		6.4	6	4.1	2.5	-	31.7
CM2 40-850 T	60213571	1.082	320		3x230-400V~	0.73	0.55	0.75	2.3	1.34		8.5	7.9	5.9	4.3	-	31.7
CM2 40-1000 T	60213572	1.288	320		3x230-400V~	0.73	0.55	0.75	3.1	1.79		9.7	9.7	7.9	6.2	4.1	33.2
CM2 40-1200 T	60215243	1.690	440		3x230-400V~	1.68	2.2	3	7.6	4.4		11.9	12	11	10.2	9.1	66
CM2 40-1450 T	60215244	1.889	440		3x230-400V~	1.9	2.2	3	8.1	4.7		14.5	14.4	13.2	12.3	11	66
CM2 40-1650 T	60215245	2.060	440		3x230-400V~	2.23	2.2	3	8.5	4.9		16.7	16.4	15.1	14	12.7	66
CM2 40-2050 T	60215246	2.163	440		3x230-400V~	2.5	2.2	3	9.2	5.3		20.5	20.2	18.4	16.9	15	66

CM2, CM2-G/DCM2, DCM2-G

IN-LINE PUMPS



CM2, CM2-G SINGLE WITH FLANGES

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA						HYDRAULIC DATA								WEIGHT KG
					POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMIN.		In (A)		Q=m³/h	0	10	20	30	35	40	50	
							kW	HP	230	400		Q=l/min	0	167	333	500	583	667	833
CM2 50-400 T	60215263	979	280	DN50	3x230-400V~	0.36	0.25	0.33	1.4	0.8	H (m)	3.9	3.7	2.7	1	-	-	-	28.2
CM2 50-530 T	60215264	1.133	280		3x230-400V~	0.52	0.55	0.75	2.1	1.2		5.3	5.2	4.3	2.6	1.4	-	-	28.2
CM2 50-670 T	60215265	1.265	340		3x230-400V~	0.64	0.55	0.75	2.3	1.3		6.7	6.3	5.2	3.4	2.1	-	-	34.5
CM2 50-850 T	60215269	1.391	340		3x230-400V~	0.87	0.75	1	2.9	1.7		8.5	8.3	7.1	5.2	3.9	-	-	36
CM2 50-1000 T	60215270	1.545	340		3x230-400V~	1.18	1.1	1.5	6.9	4		10.5	10.4	9.5	7.4	6	4.4	-	52.6
CM2 50-1300 T	60215271	1.990	440		3x230-400V~	2.3	2.2	3	8.7	5		13.1	13.1	12.5	11.1	10.2	9.1	-	68.9
CM2 50-1700 T	60215272	2.013	440		3x230-400V~	3.18	2.2	3	10.6	6.1		16.8	16.8	16.1	14.7	13.7	12.6	9.8	68.9
CM2-G 50-2200 T	60215277	2.215	440		3x230-400V~	4.4	3	4	7.2	4.2		22.1	22	21.4	20.1	19.2	18	15.2	98
CM2-G 50-2700 T	60215278	2.287	440		3x230-400V~	4.7	4	5.5	8.3	4.8		27.2	26.8	25.7	23.8	22.5	20.9	17	99.5

DCM2, DCM2-G TWIN FLANGES

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA						HYDRAULIC DATA					WEIGHT KG
					POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMIN.		In (A)		Q=m³h	0	5	10	15	
							kW	HP	230	400	Q=l/min	0	83	167	250	
DCM2 32-450 T	60209876	1.667	260	DN32	3x230-400V~	0.26	0.25	0.4	1.2	0.7	H (m)	4.4	4.2	3	0.3	46
DCM2 32-600 T	60209877	1.664	260		3x230-400V~	0.33	0.25	0.4	1.3	0.8		6	5.6	4.3	2.2	46
DCM2 32-800 T	60209878	2.517	320		3x230-400V~	0.51	0.37	0.6	2	1.2		7.87	7.6	5.97	4.6	54.5
DCM2 32-1200 T	60209879	2.723	320		3x230-400V~	0.73	0.55	0.9	2.4	1.4		11.6	10.5	10.3	7.2	54.5

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA						HYDRAULIC DATA						WEIGHT KG
					POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMIN.		In (A)		Q=m³/h	0	10	20	25	30	
							kW	HP	230	400		Q=l/min	0	167	333	417	500
DCM2 40-450 T	60213573	2.014	320	DN40	3x230-400V~	0.26	0.25	0.33	1.2	0.77	H (m)	4.6	3.9	1.1	-	-	65.2
DCM2 40-650 T	60213574	2.251	320		3x230-400V~	0.51	0.37	0.55	1.9	1.13		6.4	5.8	3.2	0.8	-	65.2
DCM2 40-850 T	60213575	2.487	320		3x230-400V~	0.73	0.55	0.75	2.3	1.34		8.3	7.7	5	2.9	-	65.2
DCM2 40-1000 T	60213576	2.961	320		3x230-400V~	0.73	0.55	0.75	2.9	1.79		9.6	9.4	7.2	5.2	2.8	68.2
DCM2 40-1200 T	60215247	3.887	440		3x230-400V~	1.58	2.2	3	7.6	4.4		12.5	12.1	10.6	9.2	7.3	128.9
DCM2 40-1450 T	60215248	4.345	440		3x230-400V~	1.9	2.2	3	8	4.7		14.9	14.5	12.9	11.5	9.5	128.9
DCM2 40-1650 T	60215249	4.738	440		3x230-400V~	2.12	2.2	3	8.5	4.9		16.9	16.6	14.8	13.2	11.1	128.9
DCM2 40-2050 T	60215250	4.975	440		3x230-400V~	2.49	2.2	3	9.2	5.3		20.7	20.2	18.1	16.2	13.6	128.9

CM2, CM2-G/DCM2, DCM2-G

IN-LINE PUMPS

DCM2, DCM2-G *TWIN FLANGES*

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA						HYDRAULIC DATA								WEIGHT KG
					POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOMIN.		In (A)		Q=m³/h	0	10	20	30	35	40	50	
							kW	HP	230	400		Q=l/min	0	167	333	500	583	667	833
DCM2 50-400 T	60215266	2.251	280	DN50	3x230-400V~	0.34	0.2	0.27	1.3	0.77	H (m)	4.1	3.7	2.6	0.4	-	-	-	58.2
DCM2 50-530 T	60215267	2.606	280		3x230-400V~	0.49	0.55	0.75	1.9	1.1		5.5	5.3	4.3	2.4	1	-	-	58.2
DCM2 50-670 T	60215268	2.909	340		3x230-400V~	0.59	0.55	0.75	2.1	1.2		6.8	6.3	5	2.7	0.9	-	-	70.8
DCM2 50-850 T	60215273	3.198	340		3x230-400V~	0.83	0.75	1	2.9	1.7		8.6	8.3	7	4.6	2.9	-	-	73.8
DCM2 50-1000 T	60215274	3.554	340		3x230-400V~	1.11	1.1	1.5	6.9	4		10.7	10.5	9.3	6.9	5.2	3.3	-	107
DCM2 50-1300 T	60215275	4.577	440		3x230-400V~	2.15	2.2	3	8.3	4.8		13.2	13.2	12.4	10.7	9.5	8.2	4.7	134.7
DCM2 50-1700 T	60215276	4.629	440		3x230-400V~	3.3	3	4	10	5.8		17	16.9	16	14.3	13.1	11.7	8.1	134.7
DCM2-G 50-2200 T	60215279	5.093	440		3x400 V	4.2	3	4	-	4.3		22.5	22.5	21.7	20.1	19	17.6	14.3	185.6
DCM2-G 50-2700 T	60215280	5.259	440		3x400 V	4.7	4	5.5	-	4.8		27.7	27.3	26.3	24.4	23	21.3	17.1	188.6

CP2, CP2-G / DCP2, DCP2-G

IN-LINE PUMPS



In-line pumps for circulation in heating and air conditioning systems in commercial and residential buildings. Also available in twin versions (D versions).

The impeller is made of cast iron or technopolymer, depending on the model. The silicon carbide mechanical seal and EPDM seals maximises the pump's performance and durability, and allows the pump to work with up to 50% glycol, enabling it to operate in environments where temperatures are particularly low.

The pumps can be adapted to different installation standards: thanks to a spacer that is easily installed, the length of the mechanical seal can be changed as required.

The centre distance has a standard length to allow for the replacement of obsolete products in existing systems.

Flow rate up to 105 m³/h

Head up to 110 m

Type of liquid pumped clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral, similar to the characteristics of water.

Maximum glycol percentage 50%

Liquid temperature -15 °C +140 °C

Maximum ambient temperature +50 °C

Maximum working pressure 1600 kPa / 16 bar

Flanging or threading Flanging to PN10/16

Motor efficiency IE2 up to 0.55 kW; IE3 >= 0.75 kW

Motor protection degree IP55

Motor insulation class F

Impeller construction material Cast iron or technopolymer

Three-phase power supply 3x230 V 50 Hz / 3x400 V 50 Hz

Maximum RPM 2910 rpm

Type of installation possible fixed horizontal or vertical as long as the motor is positioned above the pump.

Vertical installation only for power outputs above 7.5 kW.

THREE-PHASE MOTORS	P2	< 0.75 kW	IE2
		≥ 0.75 kW < 75 kW	IE3
		≥ 75 kW	IE4*

* Available soon

CP2, CP2-G SINGLE WITH FLANGES

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA						HYDRAULIC DATA							WEIGHT KG
					POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMIN.		In (A)		Q=m³/h	0	10	15	20	30	35	
							kW	HP	230	400		0	167	250	333	500	583	
CP2 32-550 T	60209865	957	260	DN32	3x230-400V~	0.37	0.25	0.4	1.7	1	H(m)	5.5	3.9	2.2	-	-	-	22.6
CP2 32-750 T	60209866	779	260		3x230-400V~	0.48	0.37	0.6	1.9	1.1		7.4	5.6	3.9	-	-	-	22.6
CP2 32-1100 T	60209867	820	260		3x230-400V~	0.73	0.55	0.9	2.4	1.4		10.6	8.7	7	4.5	-	-	22.6
CP2 32-1400 T	60209868	842	260		3x230-400V~	1.07	0.75	1.2	3.5	2		14.2	12.3	10.5	8.2	-	-	24.7
CP2 32-1800 T	60209869	958	260		3x230-400V~	1.48	1.1	1.8	5.6	3.2		17.7	16	14.3	11.9	5.2	-	25.5
CP2 32-2100 T	60209871	1.072	260		3x230-400V~	0.85	0.75	1.2	3	1.7		22.9	16.8	9.6	-	-	-	25
CP2 32-2200 T	60209870	1.039	260		3x230-400V~	1.83	1.5	2.4	6.3	3.6		21.9	20.3	18.3	15.7	8.4	-	30
CP2 32-2700 T	60209872	1.217	320		3x230-400V~	2.9	2.2	3.5	9	5.2		26.8	25.5	23.7	21.3	15	-	37
CP2 32-3600 T	60209873	1.386	320		3x230-400V~	4.08	3	4.8	12.3	7.1		36.4	35.5	33.5	31	24.8	-	45
CP2 32-4000 T	60209874	1.782	320		3x230-400V~	4.95	4	6.4	1.1	8.7		40.3	39.4	37.4	34.9	28.4	24.5	45
CP2-G 32-4800 T	60209875	1.831	320		3x400 V	6.5	5.5	8.8	-	10.5		48.7	48.1	46.5	44.2	37.9	33.8	74

CP2, CP2-G / DCP2, DCP2-G

IN-LINE PUMPS



CP2, CP2-G SINGLE WITH FLANGES

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA						HYDRAULIC DATA											WEIGHT KG
					POWER SUPPLY 50 Hz	P1 MAX		P2 NOMIN.		In (A)		Q=m³/h		0	10	15	20	30	40	50	70	
						kW	HP	kW	HP	230	400	Q=l/min		0	167	250	333	500	667	833	1167	
CP2 40-600 T	60213577	883	250	DN40	3x230-400V~	0.37	0.25	0.33	1.7	1		H (m)	6.1	4.4	2.5	-	-	-	-	-	-	24.6
CP2 40-1000 T	60213578	926	250		3x230-400V~	0.48	0.37	0.55	2.1	1.2			10.2	8.7	6.7	3.7	-	-	-	-	-	24.6
CP2 40-1300 T	60213579	972	250		3x230-400V~	0.73	0.55	0.75	2.6	1.5			13.2	11.6	9.7	7.1	-	-	-	-	-	24.6
CP2 40-1900 T	60213580	1.311	320		3x230-400V~	1.83	1.5	2	7.8	4.5			19	19	18.4	17.5	14.7	10.5	-	-	-	40.2
CP2 40-2200 T	60213581	1.426	320		3x230-400V~	2.9	2.2	3	9.7	5.6			22.5	22.5	21.9	20.9	18	14	-	-	-	40.2
CP2 40-2800 T	60213582	1.630	320		3x230-400V~	4.08	3	4	12.5	7.2			27.6	27.8	27.2	26.3	23.5	19.8	-	-	-	50
CP2 40-3300 T	60213583	1.672	320		3x230-400V~	4.95	4	5.5	16.1	9.3			33.1	33.5	32.9	32	29.2	25.3	-	-	-	53
CP2-G 40-4000 T	60213584	2.190	320		3x400V	6.76	5.5	7.5	-	10.9			38.5	39	38.9	38.3	35.7	30.9	-	-	-	102.8
CP2-G 40-5000 T	60213585	2.230	440		3x400V	12.6	7.5	10	-	20.2			48.8	49.2	49	48.6	46.9	44.3	-	-	-	118.8
CP2-G 40-6600 T	60213586	2.154	440		3x400V	16.5	11	15	-	25.9			66.2	66.4	66.1	65.6	63.6	60.5	-	-	-	166.7
CP2-G 40-8200 T	60213587	2.341	440		3x400V	19.5	15	20	-	31.7			82	82.1	81.8	81.2	78.9	74.9	69.1	52.9	-	166.7

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA						HYDRAULIC DATA											WEIGHT KG
					POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMIN.		In (A)		Q=m³/h	0	10	20	30	40	50	60	70	105		
							kW	HP	230	400	Q=l/min	0	167	333	500	667	833	1000	1167	1750		
CP250-600 T	60215281	934	280	DN50	3x230-400V~	0.54	0.55	0.75	2.1	1.2	H (m)	6.1	5.2	3.7	1.8	-	-	-	-	-	-	28.2
CP250-800 T	60215282	989	280		3x230-400V~	0.82	0.55	0.75	2.6	1.5		8	7.5	5.9	3.9	-	-	-	-	-	-	28.2
CP250-1100 T	60215285	1.030	280		3x230-400V~	1.4	0.8	1	4.2	2.4		11.4	11	9.9	8	5.6	-	-	-	-	-	28.2
CP250-1400 T	60215286	1.181	280		3x230-400V~	2.1	1.85	2.5	6.8	3.9		14.4	14.3	13.5	12	9.8	6.7	2.7	-	-	-	36.9
CP250-1800 T	60215287	1.278	280		3x230-400V~	2.8	2.2	3	8.8	5.1		17.7	18	17.2	15.8	13.7	10.8	6.8	-	-	-	37
CP250-2100 T	60215288	1.535	280		3x230-400V~	3.9	3	4	11.8	6.8		21.4	21.8	21.4	20.1	18.1	15.3	11.6	6.8	-	-	46
CP250-2800 T	60215289	1.660	340		3x230-400V~	5.1	4	5.5	15.2	8.8		27.9	27.6	26.6	24.9	22.4	19.1	15.2	10.5	-	-	46
CP2-G 50-3300 T	60215295	1.965	340		3x400 V	6.4	5.5	7.5	-	6.2		33.8	33.9	33	31.2	28.6	25.2	21.1	16.1	-	-	89
CP2-G 50-4400 T	60215296	2.330	340		3x400 V	9.1	7.5	10	-	8.5		43.7	44	43.2	41.5	38.8	35.1	30.5	25	-	-	106.1
CP2-G 50-5200 T	60215297	2.472	440		3x400 V	17.1	11	15	-	15.5		52	53.2	52.9	51.7	49.8	47.3	44.2	40.6	-	-	160.8
CP2-G 50-6600 T	60215298	2.678	440		3x400 V	23.1	15	22	-	21.6		65.5	67.2	66.8	65.2	62.9	60.3	57.6	54.5	-	-	160.8
CP2-G 50-9000 T	60215299	4.120	440		3x400 V	33.8	22	30	-	31.5		88.8	90.9	90.6	89	86.8	84.4	81.9	79.1	-	-	283
CP2-G 50-11100 T	60215300	5.150	440		3x400 V	39.4	30	40	-	38.2		110.8	112.2	111.5	109.5	106.9	104.1	101.1	97.6	71.1	-	311.2

CP2, CP2-G / DCP2, DCP2-G

IN-LINE PUMPS

DCP2, DCP2-G *TWIN FLANGES*

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA						HYDRAULIC DATA								WEIGHT KG
					POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMIN.		In (A)		Q=m³/h	0	10	15	20	30	35		
							kW	HP	230	400	Q=l/min	0	167	250	333	500	583		
DCP2 32-550 T	60209880	1.558	260	DN32	3x230-400V~	0.37	0.25	0.4	1.7	1	H (m)	5.5	3.4	0.8	-	-	-	46	
DCP2 32-750 T	60209881	1.616	260		3x230-400V~	0.48	0.37	0.6	1.9	1.1		7.4	5.2	2.8	-	-	-	46	
DCP2 32-1100 T	60209882	1.614	260		3x230-400V~	0.73	0.55	0.9	2.4	1.4		10.9	8.4	6.1	2.6	-	-	46	
DCP2 32-1400 T	60209883	1.852	260		3x230-400V~	1.07	0.75	1.2	3.5	2		14.4	12.1	9.8	6.5	-	-	46	
DCP2 32-2100 T	60211216	1.929	260		3x230-400V~	0.85	0.75	1.2	3	1.7		17.7	15.6	13.2	-	-	-	46	
DCP2 32-1800 T	60209884	1.907	260		3x230-400V~	1.48	1.1	1.8	5.6	3.2		22.1	20.1	17.4	13.7	6.3	-	49	
DCP2 32-2200 T	60209885	1.996	260		3x230-400V~	1.83	1.5	2.4	6.3	3.6		23	16.6	8.9	-	-	-	49	
DCP2 32-2700 T	60209886	2.060	320		3x230-400V~	2.9	2.2	3.5	9	5.2		27.2	25.3	23.3	20.5	12.2	-	71.5	
DCP2 32-3600 T	60209887	2.738	320		3x230-400V~	4.08	3	4.8	12.3	7.1		36.9	35	33.1	30.4	22.6	-	90	
DCP2 32-4000 T	60209888	3.264	320		3x230-400V~	4.95	4	6.4	1.1	8.7		40.9	39.1	37	34.1	25.9	21	90	
DCP2-G 32-4800 T	60209889	4.349	320		3x400 V	6.5	5.5	8.8	-	10.5		49.4	47.8	46.2	43.7	34.9	28.9	168	

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA						HYDRAULIC DATA										WEIGHT KG
					POWER SUPPLY 50Hz	P1 MAX kW	P2 NOMIN.		In (A)		Q=m³/h Q=l/min	0	10	15	20	30	40	50	70		
							kW	HP	230	400											
DCP2 40-600 T	60213588	2.029	249	DN40	3x230-400V~	0.37	0.25	0.33	1.7	1	H (m)	6	3.9	1.4	-	-	-	-	-	51	
DCP2 40-1000 T	60213589	2.129	249		3x230-400V~	0.48	0.37	0.55	1.9	1.2		10.3	8.5	5.6	1.8	-	-	-	-	51	
DCP2 40-1300 T	60213590	2.237	249		3x230-400V~	0.73	0.55	0.75	2.4	1.5		13.1	11.3	8.8	5	-	-	-	-	51	
DCP2 40-1900 T	60213591	3.016	320		3x230-400V~	1.83	1.5	2	6.2	4.5		19.1	19.2	18.7	17.7	14.4	9.3	-	-	82.2	
DCP2 40-2200 T	60213592	3.280	320		3x230-400V~	2.9	2.2	3	9	5.6		22.4	22.6	22.1	21.2	17.8	12.5	-	-	82.2	
DCP2 40-2800 T	60213593	3.749	320		3x230-400V~	4.08	3	4	12.3	7.2		27.7	28.2	27.9	27.1	24.1	19.2	-	-	101.4	
DCP2 40-3300 T	60213594	3.845	320		3x230-400V~	4.95	4	5.5	15.1	9.3		33.4	33.9	33.5	32.8	29.9	25.2	-	-	101.4	
DCP2-G 40-4000 T	60213595	5.036	320		3x400V	6.5	5.5	7.5	-	10.7		39.2	39.5	39.4	38.9	36.3	31.1	-	-	189.2	
DCP2-G 40-5000 T	60213596	5.130	440		3x400V	11.5	7.5	10	-	18.4		49.3	49.4	49	48.4	45.9	41.7	-	-	221.2	
DCP2-G 40-6600 T	60213597	4.953	440		3x400V	15.6	11	15	-	25.7		67.9	67.6	67	66.2	63.3	58.7	-	-	316.8	
DCP2-G 40-8200 T	60213598	5.384	440	3x400V	19.4	15	20	-	33	83.4	84.3	83.8	82.7	79.2	74.1	67.4	46.1	316.8			

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA						HYDRAULIC DATA										WEIGHT KG
					POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMIN.		In (A)		Q=m³/h	0	10	20	30	40	50	60	70	105	
							kW	HP	230	400	Q=l/min	0	167	333	500	667	833	1000	1167	1750	
DCP2 50-600 T	60215283	2.149	280	DN50	3x230-400V~	5.2	0.55	0.75	2.1	1.2	H (m)	6.3	5.3	3.5	1.4	-	-	-	-	-	58.2
DCP2 50-800 T	60215284	2.274	280		3x230-400V~	0.79	0.55	0.75	2.6	1.5		8.4	7.6	5.8	3.5	-	-	-	-	-	58.2
DCP2 50-1100 T	60215290	2.369	280		3x230-400V~	1.29	0.8	1.07	3.8	2.2		12.1	11.4	10.1	7.9	4.9	-	-	-	-	58.2
DCP2 50-1400 T	60215291	2.717	280		3x230-400V~	1.95	1.5	2	6.6	3.8		15	14.8	13.7	11.7	9	5.3	0.7	-	-	75.6
DCP2 50-1800 T	60215292	2.940	280		3x230-400V~	2.6	2.2	3	8.3	4.8		18.5	18.6	17.5	15.6	13	9.5	4.8	-	-	75.6
DCP2 50-2100 T	60215293	3.530	280		3x230-400V~	3.6	3	4	11.3	6.5		22.1	22.4	21.7	20.1	17.8	14.6	10.5	5.2	-	94.2
DCP2 50-2800 T	60215294	3.819	340		3x230-400V~	4.5	7.5	10	14	8.1		28.6	28.1	26.9	24.8	21.7	17.6	12.5	6.7	-	107
DCP2-G 50-3300 T	60215301	4.520	340		3x400 V	5.9	5.5	7.5	-	5.7		34.6	34.5	33.5	31.5	28.4	24.3	19.2	12.9	-	195.8
DCP2-G 50-4400 T	60215302	5.359	340		3x400 V	8.2	7.5	11	-	8.11		44.3	44.5	43.7	41.9	38.8	34.5	29	22.5	-	195.8
DCP2-G 50-5200 T	60215303	5.686	440		3x400 V	16.3	11	15	-	15.1		53.3	54.1	53.7	52.4	50.1	47.1	43.3	38.8	-	308
DCP2-G 50-6600 T	60215304	6.159	440		3x400 V	23	15	20	-	21.2		67.2	68.8	68.4	66.8	64.4	61.5	58.2	54.4	-	308
DCP2-G 50-9000 T	60215305	9.476	440		3x400 V	32.3	22	30	-	30.5		89.1	92.2	91.9	89.7	86.8	83.7	80.8	77.8	-	556.4
DCP2-G 50-11100 T	60215306	11.845	440	3x400 V	36.3	30	40	-	35.3	109.5	112.6	111.6	108.6	104.9	101.2	97.8	94.2	62.4	612.8		

CM, CM-G / DCM, DCM-G - 4 POLES

IN-LINE PUMPS



DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING



Circulation pumps with in-line ports, designed for civil and industrial heating, air conditioning and domestic hot water systems. Cast iron pump body, motor support, impeller and fan cover. Flanged suction and delivery ports PN 16 with threaded holes for control gauges. Carbon/ceramic mechanical seal. For the protection of the three-phase, four-pole, asynchronous, externally-ventilated motor, we recommend the use of a motor protector in accordance with current standards.

Operating range

1.2 to 420 m³/h with head up to 41 metres.

Liquid temperature range

-10°C to +140°C depending on model.

Pumped liquid clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Maximum ambient temperature +40°C.

Maximum working pressure

16 bar (1600 kPa).

Protection degree IP55.

Insulation class F.

Counterflanges PN 16 on request.

THREE- PHASE MOTORS	P2	< 0.75 kW	IE2
		≥ 0.75 kW < 75 kW	IE3
		≥ 75 kW	IE4*

* Available soon

ACCESSORIES
PAGE 77

CM-G SINGLE WITH FLANGES

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA						HYDRAULIC DATA																	WEIGH KG
					POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In (A)		Q=m³h	0	1.2	2.4	3	3.6	4.8	6	12	18	24	30	36	42	48			
							kW	HP	230	400	Q=l/min	0	20	40	50	60	80	100	200	300	400	500	600	700	800			
CM-G 65- 420/A/BAQE/0.25	1D4111GXC	1.469	360	DN65	3x230-400V~	0.4	0.25	0.33	1.6	0.9	H (m)	4.2					4.1	3.7	3	2.1						55		
CM-G 65- 540/A/BAQE/0.37	1D4111G1C	1.502	360	DN65	3x230-400V~	0.6	0.37	0.5	1.7	0.98		5.4						5.3	5	4.4	3.5					55		
CM-G 65- 660/A/BAQE/0.55	1D4111G2C	1.544	360	DN65	3x230-400V~	0.8	0.55	0.75	2.6	1.5		6.6						6.5	6.2	5.7	4.8					65		
CM-G 65-760/A/BAQE/0,55	1D4211G2C	1.581	360	DN65	3x230-400V~	0.8	0.55	0.75	2.6	1.5		7.6						7.7	7.6	6.7	5.5					73		
CM-G 65-920/A/BAQE/0,75	1D4211G3W	1.894	360	DN65	3x230-400V~	1.2	0.75	1	3.1	1.8		9.2						9.2	9	8.4	7.4	5.7				67		
CM-G 65-1080/A/BAQE/1,1	1D4311G4W	1.969	475	DN65	3x230-400V~	1.6	1.1	1.5	4.3	2.5		10.8						10.8	10.6	10.2	9.5	8.6	7.3			77		
CM-G 65-1200/A/BAQE/1,5	1D4311G5W	2.127	475	DN65	3x230-400V~	2	1.5	2	6.2	3.6		12						12	11.9	11.5	10.8	10.1	8.9			71		
CM-G 65-1530/A/BAQE/2,2	1D4311G6W	2.382	475	DN65	3x230-400V~	2.9	2.2	3	10.2	5.9		15.3						15.3	15.2	14.8	14	13.3	12.1	10.8		86		
CM-G 65-1680/A/BAQE/3	1D4311G7X	2.425	475	DN65	3x400V~ ¹	2.7	3	4	-	6.8		16.8						16.8	16.5	16.1	15.5	14.6	13.6	12.4		72		
CM-G 65-2380/A/BAQE/4	1D4411G8X	2.606	475	DN65	3x400V~ ¹	4.3	4	5.5	-	8.2		23.8						24	23.8	23.4	22.7	21.6	20.4	19		92		

CM, CM-G / DCM, DCM-G - 4 POLES

IN-LINE PUMPS



CM-G SINGLE WITH FLANGES

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA						HYDRAULIC DATA																		WEIGHT KG	
					POWER SUPPLY 50/60 Hz	P1 MAX W	P2 NOMINAL		In (A)		Q=m³/h		0	12	18	24	30	36	42	48	60	72	84	90	102	114	120	150		180
							kW	HP	230	400	Q=l/min	0	200	300	400	500	600	700	800	1000	1200	1400	1500	1700	1900	2000	2500	3000		
CM-G 80-550/A/ BAQE/0,55	1D5111G2C	1.937	360	DN 80	3x230 - 400V ~	0.8	0.55	0.75	2.6	1.5	H (m)	5.5	5.2	5	4.7	4.3	3.9	3.3	2.6										67	
CM-G 80-650/A/ BAQE/0,75	1D5111G3W	2.265	360	DN 80	3x230 - 400V ~	1.2	0.75	1	3.1	1.8		6.5	6.3	6.1	5.8	5.5	5	4.5	3.9										61	
CM-G 80-740/A/ BAQE/1,1	1D5211G4W	2.340	440	DN 80	3x230 - 400V ~	1.5	1.1	1.5	4.3	2.5		7.4	7.4	7.3	7.2	6.9	6.7	6.3	5.8	4.4									68	
CM-G 80-890/A/ BAQE/1,5	1D5211G5W	2.499	440	DN 80	3x230 - 400V ~	2	1.5	2	6.2	3.6		8.9	8.8	8.7	8.6	8.3	8	7.6	6.6										67	
CM-G 80-1050/A/ BAQE/2,2	1D5211G6W	2.752	440	DN 80	3x230 - 400V ~	2.4	2.2	3	10.2	5.9		10.5		10.4	10.3	10.2	9.9	9.6	8.8										80	
CM-G 80-1530/A/ BAQE/3	1D5311G7X	2.797	500	DN 80	3 x 400 V ~ 1	3.6	3	4	-	6.8		15.3		15.4	15.3	15	14.6	14.1	12.9	11.3									81	
CM-G 80-1700/A/ BAQE/4	1D5311G8X	2.982	500	DN 80	3 x 400 V ~ 1	3.9	4	5.5	-	8.2		17		17.2	17.2	17.1	16.8	16.5	15.7	14.3	12.6								98	
CM-G 80-2410/A/ BAQE/5,5	1D5411G9X	3.975	620	DN 80	3 x 400 V ~ 1	6.5	5.5	7.5	-	10.6		24.1		23.8	23.6	23.3	22.8	22.3	20.8	18.6									204	
CM-G 80-2700/A/ BAQE/7,5	1D5511GAX	4.922	620	DN 80	3 x 400 V ~ 1	8.7	7.5	10	-	14.4		27					26	25.5	24.5	22.7	20.2	19							187	
CM-G 80-3420/A/ BAQE/11	1D5511GBX	5.578	620	DN 80	3 x 400 V ~ 1	12.7	11	15	-	22.4		34.2					33.2	33	32	30.7	29	28	25	21.7					277	
CM-G 100-510/A/ BAQE/0,75	1D6111G3W	2.700	500	DN 100	3x230 - 400V ~	1.2	0.75	1	3.1	1.8		5.1	4.9	4.8	4.7	4.7	4.4	4.2	3.8	3									78	
CM-G 100-650/A/ BAQE/1,1	1D6111G4W	2.778	500	DN 100	3x230 - 400V ~	1.4	1.1	1.5	4.3	2.5		6.5	6.4	6.4	6.3	6.2	6	5.8	5.5	4.6									78	
CM-G 100-660/A/ BAQE/1,5	1D6211G5W	2.932	550	DN 100	3x230 - 400V ~	2	1.5	2	6.2	3.6		6.6			6.4	6.3	6.2	6	5.6	5	4.5	4.3	3.7	3					95	
CM-G 100-865/A/ BAQE/2,2	1D6211G6W	3.185	550	DN 100	3x230 - 400V ~	3	2.2	3	10.2	5.9		8.6			8.5	8.5	8.3	8.2	7.7	7.2	6.7	6.3	5.7	4.9	4.6				108	
CM-G 100-1020/A/ BAQE/3	1D6211G7X	3.228	550	DN 100	3 x 400 V ~ 1	3.6	3	4	-	6.8		10.2			10.2	10.1	10	9.9	9.7	9.3	8.8	8.6	7.9	7.2	6.7				102	
CM-G 100-1320/A/ BAQE/4	1D6311G8X	3.418	550	DN 100	3 x 400 V ~ 1	4.6	4	5.5	-	8.2		13.2					13.2	13.2	12.9	12.4	11.7	11.3	10.4	9.3	8.7				137	
CM-G 100-1650/A/ BAQE/5,5	1D6311G9X	4.410	550	DN 100	3 x 400 V ~ 1	6.9	5.5	7.5	-	10.6		16.5					16.6	16.5	16.2	16	15.4	15	14.3	13.3	12.7				182	
CM-G 100-2050/A/ BAQE/7,5	1D6411GAX	5.369	670	DN 100	3 x 400 V ~ 1	8.5	7.5	10	-	14.4		20.5					21	21	20.7	20	19.5	19	18	16.7	16				230	
CM-G 100-2550/A/ BAQE/11	1D6411GBX	6.019	670	DN 100	3 x 400 V ~ 1	12.1	11	15	-	22.4		25.5					25.5	25.5	25.1	25	24.2	24	23	21.5	21				323	
CM-G 100-3290/A/ BAQE/15	1D6511GCX	6.888	670	DN 100	3 x 400 V ~ 1	17.1	15	20	-	30.5		32.9							33	32.8	32	31.6	30.5	29.5	28.9	24			333	
CM-G 100-3680/A/ BAQE/18,5	1D6511GDX	7.548	670	DN 100	3 x 400 V ~ 1	19.6	18.5	25	-	34.3		36.8							37	36.8	36.5	36.1	35.5	34.5	34	29.5			359	
CM-G 100-4100/A/ BAQE/22	1D6511GEX	8.859	670	DN 100	3 x 400 V ~ 1	22.4	22	30	-	40.2		41							41.4	41	40.6	40.5	39.8	39	38.5	34.8	29		370	

DAB SERVICES

HEATING AND AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER SETS

END SUCTION AND VERTICAL MULTISTAGE PUMPS

DRAINAGE AND SEWAGE

GROUNDWATER AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

CM, CM-G / DCM, DCM-G - 4 POLES

IN-LINE PUMPS



CM-G SINGLE WITH FLANGES

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA					HYDRAULIC DATA															WEIGHT KG
					POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In (A) 400	Q=m³/h	0	60	72	84	90	102	114	120	150	180	210				
							kW	HP		Q=l/min	0	1000	1200	1400	1500	1700	1900	2000	2500	3000	3500				
CM-G 125-1075/A/BAQE/4	1D7311G8X	4.167	620	DN 125	3x400V ~ 1	5.1	4	5.5	8.2	H (m)	10.8	10.1	10	9.7	9.5	9.1	8.5	8.3	7	5.4		191			
CM-G 125-1270/A/BAQE/5,5	1D7311G9X	5.164	620	DN 125	3x400V ~ 1	7.2	5.5	7.5	10.6		12.7	12.6	12.5	12.4	12.3	12	11.5	11.4	10.1	8.5		237			
CM-G 125-1560/A/BAQE/7,5	1D7311GAX	6.139	620	DN 125	3x400V ~ 1	9.5	7.5	10	14.4		15.6	15.4	15.3	15.1	15	14.7	14.5	14.3	13.3	11.6	9.8	218			
CM-G 125-2100/A/BAQE/11	1D7411GBX	6.796	800	DN 125	3x400V ~ 1	13.6	11	15	22.4		21	21.5	21.5	21.2	21	20.9	20	19.8	18	16		311			
CM-G 125-2550/A/BAQE/15	1D7411GCX	7.660	800	DN 125	3x400V ~ 1	16.3	15	20	30.5		25.5	25.5	25.5	25.1	25.1	25	24.5	24	22.5	20.5	17.5	321			
CM-G 125-3200/A/BAQE/18,5	1D7511GDX	8.316	800	DN 125	3x400V ~ 1	17.9	18.5	25	34.3		32			31.5	31.4	31	30.5	28.8	26	23		346			
CM-G 125-3600/A/BAQE/22	1D7511GEX	9.625	800	DN 125	3x400V ~ 1	22.4	22	30	40.2		36			35.5	35.2	35	34.6	33.2	31	28	24	357			
CM-G 125-4022/A/BAQE/30	1D7511GFX	11.705	800	DN 125	3x400V ~ 1	26.5	30	40	53.7		40.2			39.7	39.3	39.1	38.7	37.1	34.6	31.3	26.8	453			

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA					HYDRAULIC DATA															WEIGHT KG
					POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In (A)	Q=m³/h	0	84	90	102	114	120	150	180	210	250	300	360	390	420	
							400	Q=l/min		0	1400	1500	1700	1900	2000	2500	3000	3500	4167	5000	6000	6500	7000		
CM-G 150-955/A/BAQE/5,5	1D8411G9X	5.891	800	DN 150	3x400 V ~ 1	7.5	5.5	7.5	10.6	H (m)	9.6		9.6	9.6	9.4	9.3	8.7	7.8	6.7	5.5					298
CM-G 150-1322/A/BAQE/7,5	1D8411GAX	7.083	800	DN 150	3x400 V ~ 1	8.9	7.5	10	14.4		13.2		13	12.8	12.6	12.5	11.9	11.1	10.1	8.5					279
CM-G 150-1600/A/BAQE/11	1D8411GBX	7.913	800	DN 150	3x400 V ~ 1	13	11	15	22.4		16			15.5	15.5	15.4	14.8	14	13	11	9.2				327
CM-G 150-1950/A/BAQE/15	1D8411GCX	8.568	800	DN 150	3x400 V ~ 1	17.5	15	20	30.5		19.5			19.5	19.4	19.3	19.2	18.7	17.8	16	14.1	10.9			337
CM-G 150-2200/A/BAQE/18,5	1D8411GDX	9.438	800	DN 150	3x400 V ~ 1	21.1	18.5	25	34.3		22			22	21.9	21.8	21.7	21.4	20.5	19	17.2	14	12		361
CM-G 150-2405/A/BAQE/22	1D8411GEX	10.091	800	DN 150	3x400 V ~ 1	23.8	22	30	40.2		24.1			23.9	23.9	23.8	23.6	23.2	22.7	21.8	20.2	17.5	15.6	14	373

CM, CM-G / DCM, DCM-G - 4 POLES

IN-LINE PUMPS



DCM, DCM-G TWIN FLANGES

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA						HYDRAULIC DATA															WEIGHT KG
					POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In (A)		Q=m³/h	0	6	12	18	24	30	36	42	48	54					
							kW	HP	230	400	Q=l/min	0	100	200	300	400	500	600	700	800	900					
DCM-G 65-420/A/BAQE/0,25	60206533	3.358	360	DN 65	3x230-400 V ~	0.4	0.25	0.33	1.6	0.9	H (m)	4.2	3.5	2.7	1.7	0.5										112
DCM-G 65-540/A/BAQE/0,37	60206496	3.438	360	DN 65	3x230-400 V ~	0.6	0.37	0.5	1.7	1		5.4	5.2	4.4	3.3	1.6										112
DCM-G 65-660/A/BAQE/0,55	60206497	3.532	360	DN 65	3x230-400 V ~	0.8	0.55	0.75	2.6	1.5		6.5	6.4	5.6	4.4	2.6										136
DCM-G 65-760/A/BAQE/0,55	60206498	3.624	360	DN 65	3x230-400 V ~	0.8	0.55	0.75	2.6	1.5		7.5	7.6	6.9	5.4	3.1										135
DCM-G 65-920/A/BAQE/0,75	60180075	4.015	360	DN 65	3x230-400 V ~	1.2	0.75	1	3.1	1.8		9.1	9.1	8.6	7.5	5.8	3.8									126
DCM-G 65-1080/A/BAQE/1,1	60180076	4.175	475	DN 65	3x230-400 V ~	1.6	1.1	1.5	4.3	2.5		10.8		10.7	10.4	9.7	8.8	7.7	6.2							163
DCM-G 65-1200/A/BAQE/1,5	60180077	4.510	475	DN 65	3x230-400 V ~	2	1.5	2	6.2	3.6		12		11.9	11.6	11	10	9	7.6							161
DCM-G 65-1530/A/BAQE/2,2	60180078	5.051	475	DN 65	3x230-400 V ~	2.9	2.2	3	10.2	5.9		15.3		15.2	15	14.4	13.4	12.5	11	9.5	8					173
DCM-G 65-1680/A/BAQE/3	60180079	5.143	475	DN 65	3 x 400 V ~ 1	2.7	3	4	-	6.8		16.8		16.7	16.3	15.7	14.9	13.7	12.4	11	9.3					166
DCM-G 65-2380/A/BAQE/4	60180080	5.528	475	DN 65	3 x 400 V ~ 1	4.3	4	5.5	-	8.2		23.8		23.9	23.5	22.8	21.8	20.3	18.6	16.8	14.5					188

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA						HYDRAULIC DATA																		WEIGHT KG
					POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In (A)		Q=m³/h Q=l/min	0	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102		
							kW	HP	230	400		0	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700		
DCM-G 80-550/A/BAQE/0,55	60206499	4.109	360	DN 80	3x230-400 V~	0.8	0.55	0.75	2.6	1.5	H(m)	5.5	5.1	4.7	4.1	3.4	2.6	1.9	1.1										126
DCM-G 80-650/A/BAQE/0,75	60180082	4.797	360	DN 80	3x230-400 V~	1.2	0.75	1	3.1	1.8		6.5	6.2	5.8	5.2	4.5	3.7	2.9	2.1										116
DCM-G 80-740/A/BAQE/1,1	60180083	4.729	440	DN 80	3x230-400 V~	1.5	1.1	1.5	4.3	2.5		7.1			6.8	6.3	5.9	5.1	4.3	3.5	2.5								178
DCM-G 80-890/A/BAQE/1,5	60180084	5.047	440	DN 80	3x230-400 V~	2	1.5	2	6.2	3.6		8.5			8.3	8	7.5	6.8	6.1	5.3	4.4	3.5							179
DCM-G 80-1050/A/BAQE/2,2	60180085	5.563	440	DN 80	3x230-400 V~	2.4	2.2	3	10.2	5.9		10.1			10.1	9.9	9.5	9	8.4	7.7	6.9			3.8					203
DCM-G 80-1530/A/BAQE/3	60180086	5.655	500	DN 80	3x400 V~¹	3.6	3	4	-	6.8		14.4			14.1	13.7	13	12.2	11.3	10.2	9.2	8	6.8						211
DCM-G 80-1700/A/BAQE/4	60180087	6.019	500	DN 80	3x400 V~¹	3.9	4	5.5	-	8.2		16			15.7	15.5	15.3	14.6	14	13.2	12.3	11.2	10	8.9	7.7				232
DCM-G 80-2410/A/BAQE/5,5	60180088	8.189	620	DN 80	3x400 V~¹	6.5	5.5	7.5	-	10.6		24.1					23.3	22.7	22	21.1	20.2	18.9	17.6	16.2					447
DCM-G 80-2700/A/BAQE/7,5	60167327	9.941	620	DN 80	3x400 V~¹	8.7	7.5	10	-	14.4		27					26.1	26.1	25.5	24.9	24.2	23.2	22.1	20.7	19.3	17.9			468
DCM-G 80-3420/A/BAQE/11	60167328	11.269	620	DN 80	3x400 V~¹	12.7	11	15	-	22.4		34.2					33.3	33.3	32.9	32.3	31.8	30.9	29.9	29	27.8	24.4	22		502

Blank flange supplied as standard for twin version.

CM, CM-G / DCM, DCM-G - 4 POLES

IN-LINE PUMPS



DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

DCM-G TWIN FLANGES

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA						HYDRAULIC DATA																						WEIGH KG
					POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMIN.		In (A)		Q=m³/h	0	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180		
							Q=l/min	0	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000						
DCM-G 100-510/A/BAQE/0,75	60180089	5.451	500	DN 100	3x230-400V ~	1.2	0.75	1	3.1	1.8	H (m)	4.9	4.8	4.7	4.6	4.5	4	3.7	3.2	2.6	2.1											200	
DCM-G 100-650/A/BAQE/1,1	60180090	5.609	500	DN 100	3x230-400V ~	1.4	1.1	1.5	4.3	2.5		6.3	6.3	6.3	6.1	5.9	5.5	5.1	4.6	4	3.3											202	
DCM-G 100-660/A/BAQE/1,5	60180091	5.923	550	DN 100	3x230-400V ~	2	1.5	2	6.2	3.6		6.6				6.4	6.2	6	5.8	5.6	5.3	4.9	4.5	4.1	3.7	3.4	2.6	1.8				229	
DCM-G 100-865/A/BAQE/2,2	60180092	6.434	550	DN 100	3x230-400V ~	3	2.2	3	10.2	5.9		8.6				8.5	8.4	8.1	8	7.7	7.4	7	6.6	6.1	5.7	5.2	4.2	3.2	2.8			225	
DCM-G 100-1020/A/BAQE/3	60180093	6.521	550	DN 100	3x400V ~ ¹	3.6	3	4	-	6.8		10.2				10.2	10	9.8	9.6	9.5	9.3	8.9	8.5	8	7.5	7.1	5.9	4.7	4			224	
DCM-G 100-1320/A/BAQE/4	60180094	6.901	550	DN 100	3x400V ~ ¹	4.6	4	5.5	-	8.2		13.2					13.2	13.1	13	12.8	12.4	11.9	11.3	10.8	10.2	8.8	7.4	6.6				263	
DCM-G 100-1650/A/BAQE/5,5	60180095	9.078	550	DN 100	3x400V ~ ¹	6.9	5.5	7.5	-	10.6		16.5					16.5	16.4	16.3	16	15.8	15.5	14.9	14.4	13.7	12.4	10.8	10				356	
DCM-G 100-2050/A/BAQE/7,5	60167329	10.843	670	DN 100	3x400V ~ ¹	8.5	7.5	10	-	14.4		19.3							19.2	18.8	18.5	17.9	17.6	17.2	16.6	15.5	14.1	13.3				527	
DCM-G 100-2550/A/BAQE/11	60167330	12.164	670	DN 100	3x400V ~ ¹	12.1	11	15	-	22.4		24							23.3	22.8	22.6	22.4	21.9	21.4	21	19.8	18.1	17.5				534	
DCM-G 100-3290/A/BAQE/15	60167331	13.913	670	DN 100	3x400V ~ ¹	17.1	15	20	-	30.5		30.9							30.5	30.3	30.1	29.9	29.4	28.8	28.3	27	25.8	25.1	20			723	
DCM-G 100-3680/A/BAQE/18,5	60167332	15.245	670	DN 100	3x400V ~ ¹	19.6	18.5	25	-	34.3	34.6							34.2	34	33.7	33.5	33.1	32.9	32.4	31.5	30.2	29.5	24.5			860		
DCM-G 100-4100/A/BAQE/22	60167333	17.893	670	DN 100	3x400V ~ ¹	22.4	22	30	-	40.2	41							41.4	41.4	41.2	41	40.8	40.6	40.5	39.8	39	38.5	34.8	29		969		

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA						HYDRAULIC DATA																WEIGHT KG
					POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In (A)		Q=m³/h	0	60	66	72	78	84	90	102	114	120	150	180	210			
							kW	HP	230	400																	
DCM-G 125-1075/A/BAQE/4	60180096	8.413	620	DN 125	3x400V ~1	5.1	4	5.5	-	8.2	H(m)	10	9.5	9.4	9.2	9	8.7	8.4	7.7	6.8	6.5	4.4	2.4		456		
DCM-G 125-1270/A/BAQE/5,5	60180097	10.631	620	DN 125	3x400V ~1	7.2	5.5	7.5	-	10.6		11.7	11.8	11.7	11.5	11.4	11.1	10.8	10.2	9.2	8.9	6.4	3.8		508		
DCM-G 125-1560/A/BAQE/7,5	60167334	12.402	620	DN 125	3x400V ~1	9.5	7.5	10	-	14.4		14.4	14.6	14.6	14.4	14.2	14	13.8	13.2	12.7	12.3	10.2	7.5	4.9	526		
DCM-G 125-2100/A/BAQE/11	60167335	13.729	800	DN 125	3x400V ~1	13.6	11	15	-	22.4		20.1					19.9	19.6	19.3	18.2	17.8	15.4	12.7		737		
DCM-G 125-2550/A/BAQE/15	60167336	15.474	800	DN 125	3x400V ~1	16.3	15	20	-	30.5		24.5					23.8	23.7	23.4	22.7	22.1	20	17.4	13.9	850		
DCM-G 125-3200/A/BAQE/18,5	60167337	16.801	800	DN 125	3x400V ~1	17.9	18.5	25	-	34.3		30.7					29.6	29.3	28.6	27.7	25.9	22.2	18.3		888		
DCM-G 125-3600/A/BAQE/22	60167338	19.447	800	DN 125	3x400V ~1	22.4	22	30	-	40.2		34.5					33.7	33.3	32.8	32.1	30.6	27.6	23.7	19.1	933		
DCM-G 125-4022/A/BAQE/30	60167339	23.643	800	DN 125	3x400V ~1	26.5	30	40	-	53.7		39					38.9	38.5	37.6	36.6	36.1	33.2	29.5	24.7	1073		

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA						HYDRAULIC DATA																	WEIGH KG	
					POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL kW	HP	In (A)		Q=m³h Q=l/min	0	90	102	114	120	150	180	210	240	250	270	330	360	390	420			
									230	400																			
DCM-G 150-955/A/ BAQE/5,5	60180098	12.128	800	DN 150	3x400 V ~¹	7.5	5.5	7.5	-	10.6	H(m)	9.6				8.1	7	6.2	4.9	3.5	2.8								663
DCM-G 150-1322/A/ BAQE/7,5	60167340	14.312	800	DN 150	3x400 V ~¹	8.9	7.5	10	-	14.4		11.8	11.5	11.5	11.4	11	10	8.5	7.2	6	5.5								662
DCM-G 150-1600/A/ BAQE/11	60167341	15.984	800	DN 150	3x400 V ~¹	13	11	15	-	22.4		14.8		14.2	14.2	14	13.4	12.5	11.4	10.1	9.4	8.8	7.5						688
DCM-G 150-1950/A/ BAQE/15	60167342	17.303	800	DN 150	3x400 V ~¹	17.5	15	20	-	30.5		18.1		17.9	17.8	17.7	17.5	16.9	15.9	14.8	14	13.5	12	10.5	8.9				788
DCM-G 150-2200/A/ BAQE/18,5	60167343	19.061	800	DN 150	3x400 V ~¹	21.1	18.5	25	-	34.3		20.2		20.7	20.6	20.4	20.2	19.7	18.5	17.3	16.6	15	14.2	12.2	10.5	8.5			796
DCM-G 150-2405/A/ BAQE/22	60167344	20.382	800	DN 150	3x400 V ~¹	23.8	22	30	-	40.2	22.5		22.2	22	21.9	21.4	21	20	19	18.5	17.8	16	14	12	9.7			930	

Blank flange supplied as standard for twin version.

CP, CP-G / DCP, DCP-G - 2 POLES

IN-LINE PUMPS



Circulation pumps with in-line ports, designed for civil and industrial heating, air conditioning and domestic hot water systems. Cast iron pump body and motor support.

Flanged suction and delivery ports PN 16 with threaded holes for control gauges.

Technopolymer impeller.

Carbon/ceramic mechanical seal.

For the protection of the three-phase, two-pole, asynchronous, externally-ventilated motor, we recommend the use of a motor protector in accordance with current standards.

Operating range

3.6 to 420 m³/h with head up to 102 metres.

Liquid temperature range

-10°C to +140°C depending on model.

Pumped liquid clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Maximum ambient temperature +40°C.

Maximum working pressure

16 bar (1600 kPa).

Protection degree IP 55.

Insulation class F.

Maximum working pressure

16 bar (1600 kPa).

Insulation class F.

Counterflanges PN 16 on request.

THREE-PHASE MOTORS	P2	< 0.75 kW	IE2
		≥ 0.75 kW < 75 kW	IE3
		≥ 75 kW	IE4*

* Available soon

ACCESSORIES
PAGE 77

CP-G SINGLE WITH FLANGES

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA						HYDRAULIC DATA																				WEIGH KG		
					POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOM.		In (A)		Q=m³/h	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120		150	
							kW	HP	230	400																							Q=l/min
CP-G 65-1470/A/BAQE/1,5	1D4111G5U	2.089	360	DN 65	3x230-400V~	1.9	1.5	2	5.2	3	H (m)	14.7	14.5	14.3	13.8	13	11.8	10.5	8.6	7											57		
CP-G 65-1900/A/BAQE/2,2	1D4111G6U	2.288	360	DN 65	3x230-400V~	3.1	2.2	3	7.97	4.6		19	18.7	18.4	17.8	17	15.9	14.6	13	11												58	
CP-G 65-2280/A/BAQE/3	1D4111G7V	2.491	360	DN 65	3x400V~¹	3.4	3	4	-	5.6		22.8	22.5	22.3	22	21.2	20.2	19	17.4	15.5	13.5											68	
CP-G 65-2640/A/BAQE/4	1D4111G8V	2.730	360	DN 65	3x400V~¹	4.7	4	5.5	-	8.2		26.4	26.2	26	25.6	25	24	23	21.5	19.5	17.5	15										68	
CP-G 65-3400/A/BAQE/5,5	1D4211G9V	2.927	360	DN 65	3x400V~¹	6.6	5.5	7.5	-	10.2		34			34	33.5	32.5	31	29.5	27	24											80	
CP-G 65-4100/A/BAQE/7,5	1D4211GAV	3.480	360	DN 65	3x400V~¹	8.6	7.5	10	-	14.4		41			41	41	40	39	37.5	35.5	33	30	26.5									87	
CP-G 65-4700/A/BAQE/11	1D4311GBV	4.703	475	DN 65	3x400V~¹	14.1	11	15	-	19.9		47					45.5	45	44.3	43.3	42	40.8	39	37	35	32.3						198	
CP-G 65-5500/A/BAQE/15	1D4311GCV	5.820	475	DN 65	3x400V~¹	17.2	15	20	-	26.8		55					56	55.5	54	53.5	52	51	49	47.5	45.5	43	41						194
CP-G 65-6150/A/BAQE/18,5	1D4311GDV	6.220	475	DN 65	3x400V~¹	21.8	18.5	25	-	33		61.5					62	62	61.5	60.5	59	58	56.5	55	53	51	48.5	43					198
CP-G 65-7350/A/BAQE/22	1D4411GEV	6.821	475	DN 65	3x400V~¹	24.1	22	30	-	38.1		73.5					75	74.5	73.8	73.5	71	68.5	67	65	62.5	60	57	49					232
CP-G 65-9250/A/BAQE/30	1D4411GFV	7.824	475	DN 65	3x400V~¹	32.5	30	40	-	52.1	92.5					94	94	94	93	91	89.4	87.5	85.6	83	81.5	78	72					310	

CP, CP-G / DCP, DCP-G - 2 POLES

IN-LINE PUMPS



CP-G SINGLE WITH FLANGES

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA						HYDRAULIC DATA																				WEIGHT KG			
					POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOM.		In (A)		Q=m³/h	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120		150		
							kW	HP	230	400																							Q=l/min	0
CP-G 80-1400/A/BAQE/2,2	1D5111G6U	2.491	360	DN 80	3x230-400 V ~	3	2.2	3	7.97	4.6	H (m)	14				13.8	13.3	12.9	12.5	12.1	11.4	10.8	10	9.2	8.3	7.5						61		
CP-G 80-1700/A/BAQE/3	1D5111G7V	2.692	360	DN 80	3x400 V ~ 1	3.5	3	4	-	5.6		17					16.5	16	15.5	15	14.5	13.7	13	12	11	10	9						71	
CP-G 80-2050/A/BAQE/4	1D5111G8V	2.886	360	DN 80	3x400 V ~ 1	5	4	5.5	-	8.2		20.5					20	19.5	19.1	18.5	18	17.5	16.5	15.8	14.8	14	12.5	11.5						71
CP-G 80-2400/A/BAQE/5,5	1D5111G9V	3.383	360	DN 80	3x400 V ~ 1	6.4	5.5	7.5	-	10.2		24					23.6	23.5	23.2	22.8	22.2	21.5	21	20	19.1	18.5	17.5	16.5	13.4					91
CP-G 80-2770/A/BAQE/7,5	1D5211GAV	4.051	440	DN 80	3x400 V ~ 1	9.2	7.5	10	-	14.4		27.7								27.5	27.3	27.1	26.7	25.8	25.6	24.9	24.5	23	21.2	20.1				91
CP-G 80-3250/A/BAQE/11	1D5211GBV	4.790	440	DN 80	3x400 V ~ 1	12.7	11	15	-	19.9		32.5								32.2	32	31.8	31.3	30.2	30	29.2	28.7	27	24.8	23.6				98
CP-G 80-4000/A/BAQE/15	1D5211GCV	6.012	440	DN 80	3x400 V ~ 1	17.5	15	20	-	26.8		40								40.2	40	39.8	39.5	39	38.5	38.2	37.5	36	34.5	33.5	26.9			167
CP-G 80-5150/A/BAQE/18,5	1D5311GDV	7.130	500	DN 80	3x400 V ~ 1	21	18.5	25	-	33		51.5								52	52	51.5	50.5	50	49	48.5	47.5	45	42.5	41				121
CP-G 80-5650/A/BAQE/22	1D5311GEV	7.529	500	DN 80	3x400 V ~ 1	25.3	22	30	-	38.1		56.5								58	58	57.5	57	56.5	56	55	54.5	53	51	49				124
CP-G 80-6850/A/BAQE/30	1D5311GFV	8.358	500	DN 80	3x400 V ~ 1	32.8	30	40	-	52.1		68.5								70	70	70	68.5	69	68.8	68.5	67.5	66	64	63	57			314
CP-G 80-8600/A/BAQE/37	1D5411GGV	10.762	620	DN 80	3x400 V ~ 1	41.9	37	50	-	62.6		86								83	82.5	82.5	82	81.5	81	80	79	76.5	73.5	72	60			424
CP-G 80-9600/A/BAQE/45	1D5411GHV	12.953	620	DN 80	3x400 V ~ 1	51.2	45	60	-	78.4		96								92.5	92	92	91.5	91.5	91	90	89.5	87.5	85	83	72.5			347
CP-G 80-10200/A/BAQE/55	1D5511GKV	15.627	620	DN 80	3x400 V ~ 1	63.2	55	75	-	94.6		102								101.6	101.5	101.3	101.1	100.7	100.3	99.7	99.1	98.3	97.4	95.4	92.9	91.5	83.2	

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA					HYDRAULIC DATA																				WEIGHT KG
					POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL kW	HP	In (A)	Q=m³/h	0	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210	240	270	
CP-G 100-1600/A/BAQE/4	1D6111G8V	3.644	500	DN 100	3x400V ~ 1	5.3	4	5.5	8.2	H (m)	16	15	14.6	14.2	13.7	13.3	12.8	12.3	11.7	11	10	9.3	8							64
CP-G 100-1950/A/BAQE/5,5	1D6111G9V	4.142	500	DN 100	3x400V ~ 1	7	5.5	7.5	10.2		19.5	19	18.9	18.7	18.4	18.1	17.5	17.2	16.9	16.5	15.8	14.5	13	12						102
CP-G 100-2350/A/BAQE/7,5	1D6111GAV	4.838	500	DN 100	3x400V ~ 1	9.2	7.5	10	14.4		23.5	23.1	23	22.8	22.6	22.5	22	21.6	21.1	20.7	20.2	19	17.5	14.8	12					89
CP-G 100-2400/A/BAQE/11	1D6211GBV	5.573	550	DN 100	3x400V ~ 1	13.9	11	15	19.9		24										22	21.4	20.4	20	17.4	16.8	12			127
CP-G 100-3050/A/BAQE/15	1D6211GCV	6.375	550	DN 100	3x400V ~ 1	16.9	15	20	26.8		30.5										29	28.4	27.5	27	24.5	21.3	18.3			150
CP-G 100-3550/A/BAQE/18,5	1D6211GDV	7.492	550	DN 100	3x400V ~ 1	21.9	18.5	25	33		35.5										34.3	33.6	32.6	32.3	29.8	26.8	23.6	20		146
CP-G 100-3850/A/BAQE/22	1D6211GEV	7.894	550	DN 100	3x400V ~ 1	26.5	22	30	38.1		38.5										37.2	36.8	36	35.8	33.5	30.8	27.5	24		259
CP-G 100-4800/A/BAQE/30	1D6311GFV	9.027	550	DN 100	3x400V ~ 1	39.2	30	40	52.1		48										48.5	48.2	47.5	47	44.7	41	36	29		337
CP-G 100-5600/A/BAQE/37	1D6311GGV	10.856	550	DN 100	3x400V ~ 1	45	37	50	62.6		56										58	57.5	57.2	57	55	52	48	43		397
CP-G 100-6300/A/BAQE/45	1D6311GHV	13.037	550	DN 100	3x400V ~ 1	55.9	45	60	78.4		63										65.5	65	64	63	61.9	58.9	55.5	50.6	44.2	470
CP-G 100-8300/A/BAQE/55	1D6411GKV	15.716	670	DN 100	3x400V ~ 1	70.1	55	75	94.6	83										83.7	83.7	83.7	83.2	80.7	77.3	72.8	66.4	59.5	627	

CP, CP-G / DCP, DCP-G - 2 POLES

IN-LINE PUMPS



CP-G SINGLE WITH FLANGES

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA					HYDRAULIC DATA																		WEIGH KG
					POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In (A)	Q=m³/h	0	90	102	114	120	150	180	210	240	270	300	330	360	390	420			
							kW	HP		400	Q=l/min	0	1500	1700	1900	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000		
CP-G 125-4750/A/BAQE/37	1D7311GGV	12.191	620	DN 125	3 x 400 V ~ 1	44.7	37	50	62.6	H (m)	46.5					45	44	42	39	37	34.5	31	28			44		
CP-G 125-5300/A/BAQE/45	1D7311GHV	14.380	620	DN 125	3 x 400 V ~ 1	53.9	45	60	78.4		51.5						51	50	48.5	46	44	42	39	35	31.5		507	
CP-G 125-5800/A/BAQE/55	1D7311GKV	17.053	620	DN 125	3 x 400 V ~ 1	68.2	55	75	94.6		57.5						57	56	55	53	51	49	46	43	39	36	539	

DCP-G TWIN FLANGES

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA						HYDRAULIC DATA																		WEIGHT KG
					POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In (A)		Q=m³/h	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	
							HP	230	400	Q=l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700		
DCP-G 65-1470/A/BAQE/1,5	60180117	4.008	360	DN 65	3x230-400 V~	1.9	1.5	2	5.2	3	H (m)	14.4	14.2	13.8	13.1	12	10.6	9	7	5.3								127	
DCP-G 65-1900/A/BAQE/2,2	60180118	4.394	360	DN 65	3x230-400 V~	3.1	2.2	3	7.97	4.6		18.6	18.3	17.8	16.9	15.7	14.2	12.5	10.5	8.3								140	
DCP-G 65-2280/A/BAQE/3	60180119	4.779	360	DN 65	3 x 400 V ~ 1	3.4	3	4	-	5.6		22.3			21.1	19.9	18.4	16.8	14.7	12.5	10.2							167	
DCP-G 65-2640/A/BAQE/4	60180120	5.233	360	DN 65	3 x 400 V ~ 1	4.7	4	5.5	-	8.2		25.9			24.6	23.7	22.2	20.7	18.8	16.4	14	11.4						151	
DCP-G 65-3400/A/BAQE/5,5	60180121	6.329	360	DN 65	3 x 400 V ~ 1	6.6	5.5	7.5	-	10.2		33.3			32.5	31.4	29.7	27.4	25	21.7	18.2	-						202	
DCP-G 65-4100/A/BAQE/7,5	60167348	7.384	360	DN 65	3 x 400 V ~ 1	8.6	7.5	10	-	14.4		40.2			39.6	39	37.4	35.7	33.4	30.7	27.5	23.9	20.1					248	
DCP-G 65-4700/A/BAQE/11	60167349	9.975	475	DN 65	3 x 400 V ~ 1	14.1	11	15	-	19.9		46.4					44.3	43.6	42.6	41.3	39.6	38.1	35.9	33.6	31.3	28.4		388	
DCP-G 65-5500/A/BAQE/15	60167350	12.340	475	DN 65	3 x 400 V ~ 1	17.2	15	20	-	26.8		54.3					54.7	53.9	52.1	51.2	49.4	48	45.6	43.7	41.3	38.4	36.1	420	
DCP-G 65-6150/A/BAQE/18,5	60167351	13.189	475	DN 65	3 x 400 V ~ 1	21.8	18.5	25	-	33		60.8					60.7	60.4	59.7	58.4	56.5	55.2	53.3	51.4	49	46.7	43.8	37.8	450
DCP-G 65-7350/A/BAQE/22	60167352	14.466	475	DN 65	3 x 400 V ~ 1	24.1	22	30	-	38.1		72.6					73.4	72.6	71.6	70.9	68	65.1	63.2	60.7	57.8	54.9	51.5	43.1	521
DCP-G 65-9250/A/BAQE/30	60167353	16.591	475	DN 65	3 x 400 V ~ 1	32.5	30	40	-	52.1		91.4					92	91.6	91.2	89.7	87.2	85	82.5	80	76.8	74.6	70.5	63.3	745

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA						HYDRAULIC DATA																		WEIGH KG
					POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In (A)		Q=m³h	0	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	
							kW	HP	230	400	Q=l/min	0	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	
DCP-G 80-1400/A/ BAQE/2,2	60180122	5.029	360	DN 80	3x230-400 V~	3	2.2	3	7.97	4.6	H(m)	13.7	14.3	13.7	13	12.3	11.4	10.3	9.1	7.8	6.5	5.2	4					152	
DCP-G 80-1700/A/ BAQE/3	60180123	5.439	360	DN 80	3 x 400 V~¹	3.5	3	4	-	5.6		16.7	17.1	16.5	15.7	14.7	13.7	12.3	11	9.4	7.8	6.2	4.8					160	
DCP-G 80-2050/A/ BAQE/4	60180124	5.828	360	DN 80	3 x 400 V~¹	5	4	5.5	-	8.2		20.1	20.8	20.1	19.5	18.4	17.4	16.2	14.6	13.1	11.3	9.7	7.7	6.1				140	
DCP-G 80-2400/A/ BAQE/5,5	60180125	6.826	360	DN 80	3 x 400 V~¹	6.4	5.5	7.5	-	10.2		23.5	24.5	24.4	23.9	23.1	22.1	20.8	19.6	17.9	16.3	14.8	13	11.2	7.1			194	
DCP-G 80-2770/A/ BAQE/7,5	60167355	8.510	440	DN 80	3 x 400 V~¹	9.2	7.5	10	-	14.4		27.1					26.6	26	25.3	24.3	22.8	21.9	20.5	19.3	16.2	13	11.3		150
DCP-G 80-3250/A/ BAQE/11	60167356	9.682	440	DN 80	3 x 400 V~¹	12.7	11	15	-	19.9		31.9					31.2	30.5	29.7	28.5	26.7	25.6	24	22.6	19.1	15.2	13.2		169
DCP-G 80-4000/A/ BAQE/15	60167357	12.143	440	DN 80	3 x 400 V~¹	17.5	15	20	-	26.8		39.2					39.7	39.1	38.5	37.7	36.7	35.6	34.6	33.2	30.1	26.9	25.1	15.1	175
DCP-G 80-5150/A/ BAQE/18,5	60167358	14.401	500	DN 80	3 x 400 V~¹	21	18.5	25	-	33		48.3					48.9	48.6	47.7	46.3	45.3	43.8	42.7	41.1	37.4	33.6	31.5		223
DCP-G 80-5650/A/ BAQE/22	60167359	15.973	500	DN 80	3 x 400 V~¹	25.3	22	30	-	38.1		53					54.5	54.2	53.2	52.3	51.2	50.1	48.4	47.2	44	40.3	37.7		353
DCP-G 80-6850/A/ BAQE/30	60167360	17.725	500	DN 80	3 x 400 V~¹	32.8	30	40	-	52.1		64.3					66.3	66.1	65.8	64.1	64.1	63.5	62.7	61.2	58.5	55.2	53.5	43.8	485
DCP-G 80-8600/A/ BAQE/37	60167361	22.828	620	DN 80	3 x 400 V~¹	41.9	37	50	-	62.6		86.4					85.3	84.9	85.1	84.7	84.3	83.8	82.9	81.9	79.3	76.2	74.6	61.8	482
DCP-G 80-9600/A/ BAQE/45	60167362	27.477	620	DN 80	3 x 400 V~¹	51.2	45	60	-	78.4		96.4					95.1	94.7	94.9	94.5	94.6	94.2	93.2	92.8	90.7	88.1	86	74.7	673
DCP-G 80-10200/A/ BAQE/55	60167363	33.143	620	DN 80	3 x 400 V~¹	63.2	55	75	-	94.6		102.4				103.9	104.1	104.1	104.1	103.9	103.6	103.1	102.6	101.8	101	98.9	96.3	94.8	85.7

CP, CP-G / DCP, DCP-G - 2 POLES

IN-LINE PUMPS



MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA						HYDRAULIC DATA																				WEIGH KG		
					POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In (A)	Q=m³h	0	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210	240					
							kW	HP		230	400	Q=l/min	0	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500	4000			
DCP-G 100-1600/A/BAQE/4	60180126	6.192	500	DN 100	3x400V ~1	5.3	4	5.5	-	8.2	H (m)	16	15.8	15.2	14.5	13.6	12.8	11.8	10.8	9.6	8.4	7.3	5.1	3							128		
DCP-G 100-1950/A/BAQE/5,5	60180127	7.244	500	DN 100	3x400V ~1	7	5.5	7.5	-	10.2		19.5	20.1	19.8	19.2	18.5	17.7	16.5	15.5	14.5	13.3	11.8	9	6	4.5							127	
DCP-G 100-2350/A/BAQE/7,5	60167364	8.793	500	DN 100	3x400V ~1	9.2	7.5	10	-	14.4		23.5	24.5	24.4	24	23.6	23.1	22.2	21.4	20.4	19.4	18.3	15.7	12.9	11.7	4.5						194	
DCP-G 100-2400/A/BAQE/11	60167365	11.258	550	DN 100	3x400V ~1	13.9	11	15	-	19.9		23.6										21.9	21	19.7	19.1	15.5	13.4	8.2				412	
DCP-G 100-3050/A/BAQE/15	60167366	12.875	550	DN 100	3x400V ~1	16.9	15	20	-	26.8		30										28.9	27.9	26.5	25.8	21.8	17	12.5				313	
DCP-G 100-3550/A/BAQE/18,5	60167367	15.892	550	DN 100	3x400V ~1	21.9	18.5	25	-	33		34.9										34.6	33.5	32.1	31.6	27.8	23.3	18.5	13.7				329
DCP-G 100-3850/A/BAQE/22	60167368	16.740	550	DN 100	3x400V ~1	26.5	22	30	-	38.1		37.9										37.2	36.8	36	35.8	33.5	30.8	27.5	24				402
DCP-G 100-4800/A/BAQE/30	60167369	19.152	550	DN 100	3x400V ~1	39.2	30	40	-	52.1		52.7										52.1	51.6	50.7	50	47.1	42.7	37	29.3				496
DCP-G 100-5600/A/BAQE/37	60167370	23.024	550	DN 100	3x400V ~1	45	37	50	-	62.6		61.5										62.4	61.6	61	60.7	57.9	54.1	49.3	43.5				697
DCP-G 100-6300/A/BAQE/45	60167371	27.653	550	DN 100	3x400V ~1	55.9	45	60	-	78.4		68.1										70.1	69.3	67.9	66.7	62.7	57.1	49.5					1062
DCP-G 100-8300/A/BAQE/55	60167372	33.335	670	DN 100	3x400V ~1	70.1	55	75	-	94.6	77.8										79	79	79	78.5	76.1	72.7	68.2	61.8				1388	

MODEL	CODE	PRICE €	CENTRE DISTANCE	PUMP COUP.	ELECTRICAL DATA						HYDRAULIC DATA												WEIGH KG					
					POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In (A)		Q=m³/h	0	150	180	210	240	270	330	360	390	420							
							kW	HP	230	400	Q=l/min	0	2500	3000	3500	4000	4500	5500	6000	6500	7000							
DCP-G 125-4750/A/BAQE/37	60167373	25.858	620	DN 125	3x400 V ~ 1	44.7	37	50	-	62.6	H (m)	45	44.2	42	39	36	31	20	17.1									863
DCP-G 125-5300/A/BAQE/45	60167374	30.496	620	DN 125	3x400 V ~ 1	53.9	45	60	-	78.4		49.6	50.5	50	48	43.5	39	29	24	19.3								1028
DCP-G 125-5800/A/BAQE/55	60167375	36.167	620	DN 125	3x400 V ~ 1	68.2	55	75	-	94.6		55.7	56.7	56	52	50	46	39	32	28	22.0							1305

NOTES

ACCESSORIES HEATING AND AIR CONDITIONING

HEATING AND AIR CONDITIONING ACCESSORIES

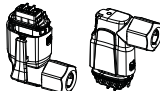
IN-LINE CIRCULATORS AND PUMPS

UNION KIT	DESCRIPTION	CODE	PRICE €	MODEL	WEIGHT Kg	Q.TY X BOX
	UNION KIT 1/2" F	60110426	33	EVOSTA 2 40-70/130 (1/2") EVOSTA 3 40/130 (1/2") - 60/130 (1/2") - 80/130 (1/2") EVOSTA 2 75/130 SOL (1/2") - EVOSTA 2 105/130 SOL (1/2") EVOSTA 2 145/130 SOL (1/2") - EVOSTA 2 75/130 SOL PWM (1/2") EVOSTA 2 105/130 SOL PWM (1/2") - EVOSTA 2 145/130 SOL PWM (1/2")	0.4	24
	UNION KIT 3/4" F	547121050	14	EVOSTA 2 40-70/130 (1") EVOSTA 2 40-70/180 (1") EVOSTA 3 40/130 (1") - 60/130 (1") - 80/130 (1") EVOSTA 3 40/180 (1") - 60/180 (1") - 80/180 (1") EVOSTA 2 75/130 SOL (1") - EVOSTA 2 75/180 SOL (1") EVOSTA 2 105/130 SOL (1") - EVOSTA 2 105/180 SOL (1") EVOSTA 2 145/130 SOL (1") - EVOSTA 2 145/180 SOL (1") EVOSTA 2 75/130 SOL PWM (1") - EVOSTA 2 75/180 SOL PWM (1") EVOSTA 2 105/130 SOL PWM (1") - EVOSTA 2 105/180 SOL PWM (1") EVOSTA 2 145/130 SOL PWM (1") - EVOSTA 2 145/180 SOL PWM (1") EVOPLUS 40/180 M - 60/180 M - 80/180 M - 110/180 M EVOPLUS LITE 60/180-25 - 80/180-25 - 120/180-25	0.4	24
	UNION KIT 1" F	547121060	14	EVOSTA 2 40-70/130 (1") EVOSTA 2 40-70/180 (1") EVOSTA 3 40/130 (1") - 60/130 (1") - 80/130 (1") EVOSTA 3 40/180 (1") - 60/180 (1") - 80/180 (1") EVOSTA 2 75/130 SOL (1") - EVOSTA 2 75/180 SOL (1") EVOSTA 2 105/130 SOL (1") - EVOSTA 2 105/180 SOL (1") EVOSTA 2 145/130 SOL (1") - EVOSTA 2 145/180 SOL (1") EVOSTA 2 75/130 SOL PWM (1") - EVOSTA 2 75/180 SOL PWM (1") EVOSTA 2 105/130 SOL PWM (1") - EVOSTA 2 105/180 SOL PWM (1") EVOSTA 2 145/130 SOL PWM (1") - EVOSTA 2 145/180 SOL PWM (1") EVOPLUS 40/180 M - 60/180 M - 80/180 M - 110/180 M EVOPLUS LITE 60/180-25 - 80/180-25 - 120/180-25	0.4	24
	UNION KIT 1 1/4" F	547121070	23	EVOSTA 2 40-70/180X (1"1/4) EVOSTA 3 40/180 X - 60/180 X - 80/180 X EVOPLUS 40/180 XM - 60/180 XM - 80/180 XM - 110/180 XM EVOPLUS LITE 60/180-32 - 80/180-32 - 120/180-32 ALME - ALPE ALM 500 - ALP 2000	0.7	24
	UNION KIT 1 1/4" M	547121080	23	EVOSTA 2 40-70/130 (1") EVOSTA 2 40-70/180 (1") EVOSTA 3 40/130 (1") - 60/130 (1") - 80/130 (1") EVOSTA 3 40/180 (1") - 60/180 (1") - 80/180 (1") EVOSTA 2 75/130 SOL (1") - EVOSTA 2 75/180 SOL (1") EVOSTA 2 105/130 SOL (1") - EVOSTA 2 105/180 SOL (1") EVOSTA 2 145/130 SOL (1") - EVOSTA 2 145/180 SOL (1") EVOSTA 2 75/130 SOL PWM (1") - EVOSTA 2 75/180 SOL PWM (1") EVOSTA 2 105/130 SOL PWM (1") - EVOSTA 2 105/180 SOL PWM (1") EVOSTA 2 145/130 SOL PWM (1") - EVOSTA 2 145/180 SOL PWM (1") EVOPLUS 40/180 M - 60/180 M - 80/180 M - 110/180 M EVOPLUS LITE 60/180-32 - 80/180-32 - 120/180-32	0.4	24

BRASS UNION KIT - BRASS	DESCRIPTION	CODE	PRICE €	MODEL	WEIGHT Kg	Q.TY X BOX
	BRASS UNION KIT 1/2" F BRASS	547121120	39	EVOSTA 2 40-70/150 SAN (1") - EVOSTA 2 80/150 SAN (1") - EVOPLUS SMALL SAN 40/180 (1") - 60/180 (1") - 80/180 (1") - 110/180 (1") - EVOPLUS LITE SAN 60/180-25 - 80/180-25 - 120/180-25 VS 8/150 - 16/150 - 35/150 - 65/150 ALM 200 - 800	0.4	24
	BRASS UNION KIT 3/4" F BRASS	547121130	39	EVOSTA 2 40-70/150 SAN (1") - EVOSTA 2 80/150 SAN (1") - EVOPLUS SMALL SAN 40/180 (1") - 60/180 (1") - 80/180 (1") - 110/180 (1") - EVOPLUS LITE SAN 60/180-25 - 80/180-25 - 120/180-25 VS 8/150 - 16/150 - 35/150 - 65/150 ALM 200 - 800	0.4	24
	BRASS UNION KIT 1" F BRASS	547121140	39	EVOSTA 2 40-70/150 SAN (1") - EVOSTA 2 80/150 SAN (1") - EVOPLUS SMALL SAN 40/180 (1") - 60/180 (1") - 80/180 (1") - 110/180 (1") - EVOPLUS LITE SAN 60/180-25 - 80/180-25 - 120/180-25 VS 8/150 - 16/150 - 35/150 - 65/150 ALM 200 - 800	0.4	24

HEATING AND AIR CONDITIONING ACCESSORIES

IN-LINE CIRCULATORS AND PUMPS

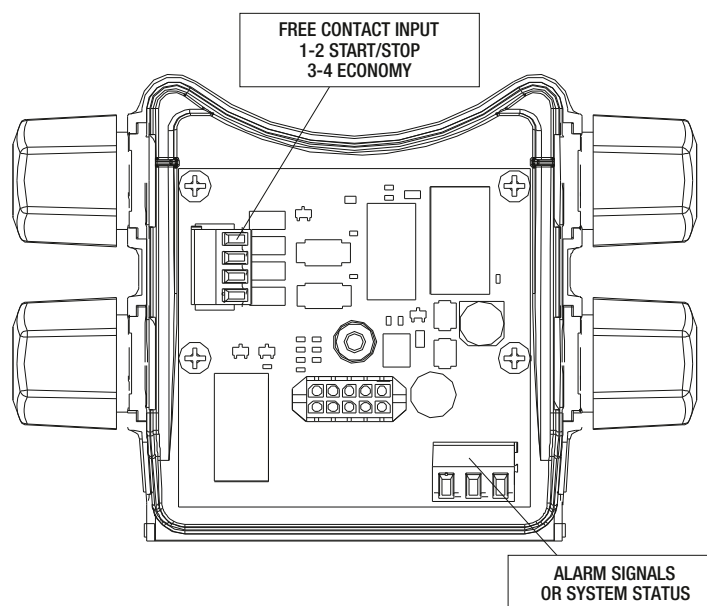
BRASS UNION KIT - COPPER	DESCRIPTION	CODE	PRICE €	MODEL	WEIGHT Kg
	BRASS UNION KIT SOLDER COPPER DIAMETER 22	547121150	35	EOPLUS SMALL SAN 40/180 (1") - 60/180 (1") - 80/180 (1") - 110/180 (1") EOPLUS LITE SAN 60/180-25 - 80/180-25 - 120/180-25	0.4
				VS 8/150 - 16/150 - 35/150 - 65/150	
	BRASS UNION KIT SOLDER COPPER DIAMETER 28	547121160	36	EOPLUS SMALL SAN 40/180 (1") - 60/180 (1") - 80/180 (1") - 110/180 (1") EOPLUS LITE SAN 60/180-25 - 80/180-25 - 120/180-25	0.4
				VS 8/150 - 16/150 - 35/150 - 65/150	
				ALM 200 - 800	
COPPER UNION KIT	DESCRIPTION	CODE	PRICE €	MODEL	WEIGHT Kg
	COPPER UNION KIT 2" - 1 1/2"	547121170	38	EVOSTA 2 40-70/130 EVOSTA 2 40-70/180	0.1
				EVOSTA 3 40/130 - 60/130 - 80/130 EVOSTA 3 40/180 - 60/180 - 80/180	
				EOPLUS SMALL 40/180 (1") - 60/180 (1") - 80/180 (1") - 120/180 (1") EOPLUS LITE 60/180-25 - 80/180-25 - 120/180-25	
INSULATION HOUSING KIT	DESCRIPTION	CODE	PRICE €	MODEL	WEIGHT Kg
	INSULATION HOUSING KIT EVOSTA 2 AND 3 *	60189434	42	EVOSTA 2 (all models)	0.6
				EVOSTA 3 (all models) * supplied as standard in the standard version	
	INSULATION HOUSING KIT EVOPLUS SMALL AND EVOPLUS LITE*	60152940	40	EOPLUS LITE 60/180-25 - 60/180-32 - 80/180-25 - 80/180-32 - 120/180-25 - 120/180-32 * not supplied as standard (to be purchased separately)	0.6
				EOPLUS SMALL 40/180 (1") - 40/180 (1" 1/4) - 60/180 (1") - 60/180 (1" 1/4) - 80/180 (1") - 80/180 (1" 1/4) - 110/180 (1") - 110/180 (1" 1/4) * supplied as standard in version	
EVOSTA/EVOPLUS CONNECTOR	DESCRIPTION	CODE	PRICE €	MODEL	WEIGHT Kg
	EVOPLUS SMALL CONNECTOR	60152234	79	EOPLUS SMALL (all models)	0.1
	EVOPLUS LITE CONNECTOR	SP00008474	39	EOPLUS LITE (all models)	0.1
	EVOSTA 3 ANGLE CONNECTOR WITH CABLE	60192429	36	EVOSTA 3	0.1
	EVOSTA3 ANGLE CONNECTOR	60206641	31	EVOSTA 3	0.1

HEATING AND AIR CONDITIONING ACCESSORIES

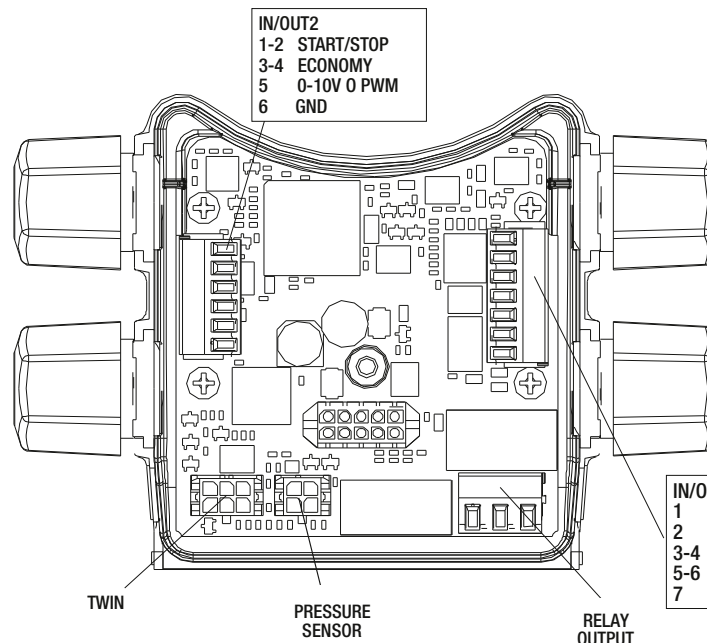
IN-LINE CIRCULATORS AND PUMPS

REMOTE CONTROL MODULES	DESCRIPTION	CODE	PRICE €	MODEL	WEIGHT Kg
	EVOPLUS SMALL BASIC MODULE	60152883	178	EVOPLUS SMALL (all models) EVOPLUS SMALL SAN (all models)	0.5
	EVOPLUS SMALL MULTIFUNCTIONAL MODULE (FOR VERSIONS WITH SERIAL NUMBER N.3 AND LATER)	60201083	258	EVOPLUS SMALL (all models) EVOPLUS SMALL SAN (all models) Supplied as standard on Evoplus Small Twin models	0.5

BASIC MODULE



MULTI-FUNCTION MODULE



HEATING AND AIR CONDITIONING ACCESSORIES

IN-LINE CIRCULATORS AND PUMPS

FLANGE KIT *	DESCRIPTION	CODE	PRICE €	MODEL	WEIGHT Kg
 	FLANGE KIT DN 32 PN 10	60153288	71	EVOPLUS SMALL (all DN32 models) EVOPLUS LITE (All DN32 models) EVOPLUS (all models DN32)	4.7
	FLANGE KIT DN 32 PN 10 AISI 304	60153296	192	EVOPLUS SMALL SAN (all DN32 models) EVOPLUS LITE SAN (All DN32 models) EVOPLUS SAN (all DN32 models)	4.7
	FLANGE KIT DN 40 PN 10	547121400	76	EVOPLUS SMALL (all DN40 models) EVOPLUS LITE (All DN40 models) EVOPLUS (all models DN40) KLPE 40/600 - DKLPE 40/60 KLPE 40/1200 - DKLPE 40/1200 KLM 40/300 - DKLM 40/300 KLP 40/600 - DKLP 40/600 KLP 40/900 - DKLP 40/900 KLP 40/1200 - DKLP 40/1200	2.4
	FLANGE KIT DN 40 PN 10 AISI 304	60153297	282	EVOPLUS SMALL SAN (all DN40 models) EVOPLUS LITE SAN (All DN40 models) EVOPLUS SAN (all DN40 models)	2.5
	FLANGE KIT DN 50 PN 10	547121410	84	EVOPLUS (all models DN50) KLME50/600 - DKLME 50/600 KLPE 50/1200 - DKLPE 50/1200 KLM 50/300 - DKLM 50/300 KLM 50/600 - DKLM 50/600 KLP 50/900 - DKLP 50/900 KLP 50/1200 - DKLP 50/1200	3.2
	FLANGE KIT DN 50 PN 10 AISI 304	60153298	329	EVOPLUS SAN (all DN50 models)	3
	FLANGE KIT DN 65 PN 10	547121420	103	EVOPLUS (all DN65 models) KLME 65/600 - DKLME 65/600 KLPE 65/1200 - DKLPE 65/1200 KLM 65/300 - DKLM 65/300 KLM 65/600 - DKLM 65/600 KLP 65/900 - DKLP 65/900 KLP 65/1200 - DKLP 65/1200	4
	FLANGE KIT DN 65 PN 10 AISI 304	60153299	369	EVOPLUS SAN (all DN65 models)	4
	FLANGE KIT DN 80 PN 10	547121430	110	EVOPLUS (all DN80 models) BPH - DPH (all DN80 models) KLME 80/600 - DKLME 80/600 KLPE 80/1200 - DKLPE 80/1200 KLM 80/300 - DKLM 80/300 KLM 80/600 - DKLM 80/600 KLP 80/900 - DKLP 80/900 KLP 80/1200 - DKLP 80/1200	4.8
	FLANGE KIT DN100 PN 10	60153289	142	EVOPLUS (all models DN100)	4.3
	FLANGE KIT DN 40 - PN 16	109620040	85	CME 40 - CPE 40 - CM - CP 40	5.3
	FLANGE KIT DN 50 - PN 16	109620050	95	CME 50 - CPE 50 - CM - CP 50	6.3
	FLANGE KIT DN 65 - PN 16	109620060	100	CME 65 - CM-GE 65 - CP-GE 65 - CM 65 - CP 65	7.5
	FLANGE KIT DN 80 PN 16	109620080	137	EVOPLUS (all DN80 models) CM-GE 80 - CP-GE 80 - CM 80 - CP 80	9.5
	FLANGE KIT DN 100 PN 16	109620100	156	EVOPLUS (all models DN100) CM-GE 100 - CP-GE 100 - CM 100 - CP 100	10.9
	FLANGE KIT DN 125 - PN 16	109620120	204	CM-GE 125 - CP-GE 125 - CM 125 - CP 125	14.5
	FLANGE KIT DN 150 - PN 16	109620150	264	CM-GE 150 - CP-GE 150 - CM 150 - CP 150	18.6

* The flange kit includes: two counterflanges, nuts and bolts.

HEATING AND AIR CONDITIONING ACCESSORIES

IN-LINE CIRCULATORS AND PUMPS

BASE KIT	DESCRIPTION	CODE	PRICE €
	MEDIUM BASE KIT	60199816	148
	LARGE BASE KIT	60199817	180

SELECTION TABLE

MODEL	CODE	PUMP MODEL	CODE
MEDIUM BASE KIT	60199816	CM-G 65-540/A/BAQE/0,37	1D4111G1C
		CM-G 65-660/A/BAQE/0,55	1D4111G2C
		CM-G 65-420/A/BAQE/0,25	1D4111GXC
		CM-G 65-760/A/BAQE/0,55	1D4211G2C
		CM-G 65-920/A/BAQE/0,75	1D4211G3W
		CM-G 65-1080/A/BAQE/1,1	1D4311G4W
		CM-G 65-1200/A/BAQE/1,5	1D4311G5W
		CM-G 65-1530/A/BAQE/2,2	1D4311G6W
		CM-G 65-1680/A/BAQE/3	1D4311G7X
		CM-G 65-2380/A/BAQE/4	1D4411G8X
		CM-G 80-550/A/BAQE/0,55	1D5111G2C
		CM-G 80-650/A/BAQE/0,75	1D5111G3W
		CM-G 80-740/A/BAQE/1,1	1D5211G4W
		CM-G 80-890/A/BAQE/1,5	1D5211G5W
		CM-G 80-1050/A/BAQE/2,2	1D5211G6W
		CM-G 80-1530/A/BAQE/3	1D5311G7X
		CM-G 80-1700/A/BAQE/4	1D5311G8X
		CM-G 100-510/A/BAQE/0,75	1D6111G3W
		CM-G 100-650/A/BAQE/1,1	1D6111G4W
		CM-GE 65-660	60206461
		CM-GE 65-1680	60191979

MODEL	CODE	PUMP MODEL	CODE
MEDIUM BASE KIT	60199816	CP-G 65-2640/A/BAQE/4	1D4111G8V
		CP-G 65-3400/A/BAQE/5,5	1D4211G9V
		CP-G 65-4100/A/BAQE/7,5	1D4211GAV
		CP-G 65-4700/A/BAQE/11	1D4311GBV
		CP-G 65-5500/A/BAQE/15	1D4311GCV
		CP-G 65-6150/A/BAQE/18,5	1D4311GDV
		CP-G 65-7350/A/BAQE/22	1D4411GEV
		CP-G 65-9250/A/BAQE/30	1D4411GFV
		CP-G 80-1400/A/BAQE/2,2	1D5111G6U
		CP-G 80-1700/A/BAQE/3	1D5111G7V
		CP-G 80-2050/A/BAQE/4	1D5111G8V
		CP-G 80-2400/A/BAQE/5,5	1D5111G9V
		CP-G 80-2770/A/BAQE/7,5	1D5211GAV
		CP-G 80-3250/A/BAQE/11	1D5211GBV
		CP-G 80-4000/A/BAQE/15	1D5211GCV
		CP-G 80-5150/A/BAQE/18,5	1D5311GDV
		CP-G 80-5650/A/BAQE/22	1D5311GEV
		CP-G 80-6850/A/BAQE/30	1D5311GFV
		CP-G 100-1600/A/BAQE/4	1D6111G8V
		CP-G 100-1950/A/BAQE/5,5	1D6111G9V
		CP-G 100-2350/A/BAQE/7,5	1D6111GAV

HEATING AND AIR CONDITIONING ACCESSORIES

IN-LINE CIRCULATORS AND PUMPS

MODEL	CODE	PUMP MODEL	CODE
LARGE BASE KIT	60199817	CM-G 100-660/A/BAQE/1,5	1D6211G5W
		CM-G 100-865/A/BAQE/2,2	1D6211G6W
		CM-G 100-1320/A/BAQE/4	1D6311G8X
		CM-G 100-1650/A/BAQE/5,5	1D6311G9X
		CM-G 125-1075/A/BAQE/4	1D7311G8X
		CM-G 125-1270/A/BAQE/5,5	1D7311G9X
		CM-G 125-1560/A/BAQE/7,5	1D7311GAX
		CM-G 80-2410/A/BAQE/5,5	1D5411G9X
		CM-G 80-3420/A/BAQE/11	1D5511GBX
		CM-G 100-2050/A/BAQE/7,5	1D6411GAX
		CM-G 100-2550/A/BAQE/11	1D6411GBX
		CM-G 100-3680/A/BAQE/18,5	1D6511GDX
		CM-G 100-4100/A/BAQE/22	1D6511GEX
		CM-G 125-2100/A/BAQE/11	1D7411GBX
		CM-G 125-2550/A/BAQE/15	1D7411GCX
		CM-G 125-3200/A/BAQE/18,5	1D7511GDX
		CM-G 125-3600/A/BAQE/22	1D7511GEX
		CM-G 125-4022/A/BAQE/30	1D7511GFX
		CM-G 150-955/A/BAQE/5,5	1D8411G9X
		CM-G 150-1322/A/BAQE/7,5	1D8411GAX

MODEL	CODE	PUMP MODEL	CODE
LARGE BASE KIT	60199817	CM-G 150-1600/A/BAQE/11	1D8411GBX
		CM-G 150-1950/A/BAQE/15	1D8411GCX
		CM-G 150-2200/A/BAQE/18,5	1D8411GDX
		CM-G 150-2405/A/BAQE/22	1D8411GEX
		CP-G 65-1470/A/BAQE/1,5	1D4111G5U
		CP-G 65-1900/A/BAQE/2,2	1D4111G6U
		CP-G 65-2280/A/BAQE/3	1D4111G7V
		CP-G 80-8600/A/BAQE/37	1D5411GGV
		CP-G 80-9600/A/BAQE/45	1D5411GHV
		CP-G 80-10200/A/BAQE/55	1D5511GKV
		CP-G 100-2400/A/BAQE/11	1D6211GBV
		CP-G 100-3050/A/BAQE/15	1D6211GCV
		CP-G 100-3550/A/BAQE/18,5	1D6211GDV
		CP-G 100-3850/A/BAQE/22	1D6211GEV
		CP-G 100-5600/A/BAQE/37	1D6311GGV
		CP-G 100-6300/A/BAQE/45	1D6311GHV
		CP-G 100-8300/A/BAQE/55	1D6411GKV
		CP-G 125-4750/A/BAQE/37	1D7311GGV
		CP-G 125-5300/A/BAQE/45	1D7311GHV
		CP-G 125-5800/A/BAQE/55	1D7311GKV

HEATING AND AIR CONDITIONING ACCESSORIES

IN-LINE CIRCULATORS AND PUMPS

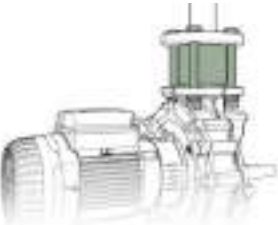
BLANK FLANGE KIT	DESCRIPTION	CODE	PRICE €	MODEL	WEIGHT Kg
	BLANK FLANGE KIT - EVOPLUS S (SUPPLIED AS STANDARD IN THE TWIN VERSION)	60153741	61	EVOPLUS SMALL (all twin models)	4.7
	BLANK FLANGE KIT - EVOPLUS M&L (SUPPLIED AS STANDARD IN THE TWIN VERSION)	60164747	69	EVOPLUS MEDIUM & LARGE SAN (all twin models)	4.7
COMPENSATION KIT (FOR EVOPLUS)	DESCRIPTION	CODE	PRICE €	MODEL	WEIGHT Kg
	COMPENSATION KIT DN40 (30MM)	60153181	118	EVOPLUS (all models DN40)	2.5
	COMPENSATION KIT DN50 (40MM)	60153182	136	EVOPLUS (all models DN50)	3.3

COMPENSATION KIT

Compensation spacer, to be used to offset the difference in footprint when replacing older models with newer ones.

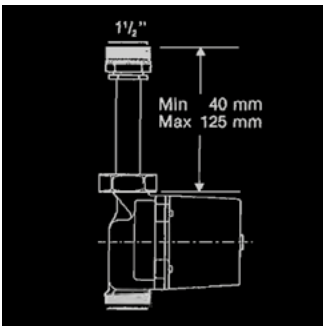
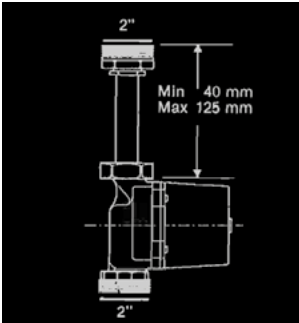
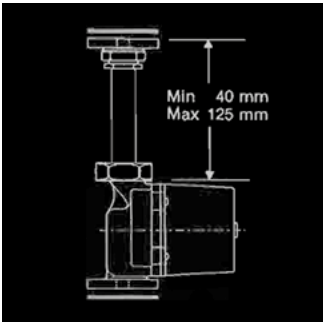
DESCRIPTION	CODE	PRICE €	CM Previous model		CM New model		LENGTH
			DN	CENTRE DISTANCE	DN	CENTRE DISTANCE	
KIT N° 1	147121520	224	65	475	65	360	115
KIT N° 2	147121530	280	80	525	80		165
KIT N° 3	147121540	271				440	85
KIT N° 4	147121550	80				500	25
KIT N° 5	147121560	138	100	550	100		50

COMPENSATION KIT CM2-CP2

	DN	CM-CP old range centre distance	DN	CM2-CP2 new range centre distance	CODE	Price	Description
	DN40	390 mm	DN40	320 mm	60220376	146	COMPENSATION KIT DN40 (70MM)
		380 mm			60220400	140	COMPENSATION KIT DN40 (60MM)
		390 mm	DN32	260 mm	60220408	216	COMPENSATION KIT DN40XDN32 (130MM)
		380 mm		320 mm	60220412	140	COMPENSATION KIT DN40XDN32 (60MM)
	DN50	400 mm	DN50	340 mm	60220440	157	COMPENSATION KIT DN50 (60MM)
		425 mm		280 mm	60220415	236	COMPENSATION KIT DN50XDN50 (145 MM)
				340 mm	60220423	194	COMPENSATION KIT DN50 (85 MM)

HEATING AND AIR CONDITIONING ACCESSORIES

IN-LINE CIRCULATORS AND PUMPS

"QUICK SERVICE" ADAPTER KIT	DESCRIPTION	CODE	PRICE €	MODEL
	ADAPTOR KIT -A-	547121300	85	EVOSTA 2 40-70/130 - EVOSTA 2 40-70/180 EVOSTA 3 40/130 - EVOSTA 3 60/130 - EVOSTA 3 80/130 EVOSTA 3 40/180 - EVOSTA 3 60/180 - EVOSTA 3 80/180
	ADAPTOR KIT -B-	547121310	96	EVOSTA 2 40-70/130 - EVOSTA 2 40-70/180 EVOSTA 3 40/130 - EVOSTA 3 60/130 - EVOSTA 3 80/130 EVOSTA 3 40/180 - EVOSTA 3 60/180 - EVOSTA 3 80/180
	ADAPTOR KIT -C-	547121320	123	EVOSTA 2 40-70/130 - EVOSTA 2 40-70/180 EVOSTA 3 40/130 - EVOSTA 3 60/130 - EVOSTA 3 80/130 EVOSTA 3 40/180 - EVOSTA 3 60/180 - EVOSTA 3 80/180
	ADAPTOR KIT -E- 2"	547121340	49	EVOSTA 3 40/180X - EVOSTA 3 60/180X - EVOSTA 3 80/180X
	ADAPTOR KIT -E- 1 1/2"	547121350	43	EVOSTA 2 40-70/130 - EVOSTA 2 40-70/180 EVOSTA 3 40/130 - EVOSTA 3 60/130 - EVOSTA 3 80/130 EVOSTA 3 40/180 - EVOSTA 3 60/180 - EVOSTA 3 80/180
	OVAL ADAPT. KIT DN 40	547121260	52	EVOSTA 2 40-70/130 - EVOSTA 2 40-70/180 EVOSTA 3 40/130 - EVOSTA 3 60/130 - EVOSTA 3 80/130 EVOSTA 3 40/180 - EVOSTA 3 60/180 - EVOSTA 3 80/180
	OVAL FLANGE KIT DN 50	547121270	52	EVOSTA 3 40/180X - EVOSTA 3 60/180X - EVOSTA 3 80/180X

HEATING AND AIR CONDITIONING ACCESSORIES

IN-LINE CIRCULATORS AND PUMPS



DESCRIPTION	
EVOPLUS	Codes and prices are available for consultation on page 27

DESCRIPTION	CODE	PRICE €
DCONNECT BOX	60172819	599

DESCRIPTION	CODE	PRICE €
MODBUS CABLE 15 M	60188145	74
MODBUS CABLE 100 M	60188144	349



DESCRIPTION	
EVOPLUS SMALL (SINGLE)	Codes and prices are available for consultation on page 25

DESCRIPTION	CODE	PRICE €
DCONNECT BOX	60172819	599

DESCRIPTION	CODE	PRICE €
MODBUS CABLE 15 M	60188145	74
MODBUS CABLE 100 M	60188144	349

TECHNICAL APPENDIX

TECHNICAL APPENDIX

EVOPLUS SMALL / EVOPLUS SMALL SAN

WET ROTOR ELECTRONIC CIRCULATORS

EVOPLUS CONSTRUCTION CHARACTERISTICS FOR SMALL COLLECTIVE SYSTEMS (ELECTRONIC DEVICE).

Evoplus circulators are controlled by a latest generation NPT technology IGBT device, for better efficiency and strength. The specific features are:

- Sensorless motor control
- Sine-wave PWM modulation
- High carrier frequency, to eliminate all audio band noise
- Dedicated 32 bit processor
- Optimised "space vector" algorithm

An intuitive and functional user interface guarantees ease of calibration by all users. The easy to read OLED display on the control panel, 4 simple navigation keys, an in-line cascade menu featuring the latest mobile technology trends, and a wide range of functions, mean that Evoplus circulators are truly revolutionary products. A reliable and sturdy construction, together with a modern and innovative design, complete the product, also in terms of aesthetic value. This range is ready for the following remote commands through expansion modules:

Base Module

- Economy mode
- Circulator start/stop
- Presence/absence of system alarms
- Pump in operation notification

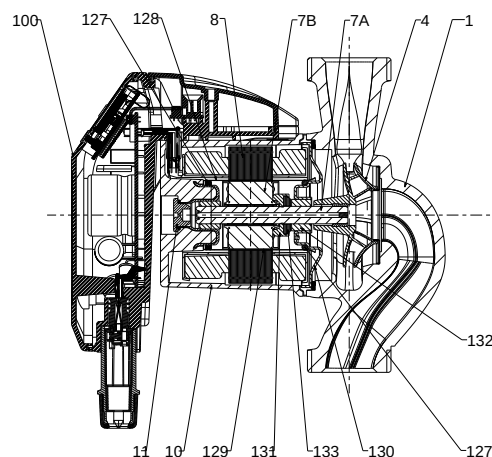
Multifunction Module*

- 2 x 0-10 V analogue signals
- 1 PWM signal
- 1 ΔT analogue signal from temperature sensor
- Connection to ModBus system management devices
Optional LonBus with appropriate module
- Presence/absence of system alarms
- Pump in operation notification

* Inputs available only if the associated function is active

MATERIALS

N.	PARTS	MATERIALS
1	PUMP BODY	CAST IRON 250 UNI ISO 185 - CTF BRONZE (for the SAN version)
4	IMPELLER	TECHNOPOLYMER
7A	MOTOR SHAFT	ALUMINA
7B	ROTOR	STAINLESS STEEL LINER
8	STATOR	-
10	MOTOR CASING	DIE-CAST ALUMINIUM
127	SEAL RING	EPDM RUBBER
128	STATOR LINER	STAINLESS STEEL
130	CLOSING FLANGE	STAINLESS STEEL
131	THRUST RING SUPPORT	EPDM RUBBER
132	BUSHINGS	GRAPHITE



- Legend: (example)

Electronic circulator	—	EVOPLUS	40	180	X	SAN	M
Maximum head (dm)							
Centre distance (mm)							
() = 1" ½ thread. X = 2" thread.							
SAN = Domestic Hot water M = single-phase power input							

Electronic circulator	—	EVOPLUS	B	120 / 250.	40	SAN	M
B = single circulator D = twin circulator							
Maximum head (dm)							
Centre distance (mm)							
(DN) nominal diameter of the flanged ports							
SAN = Domestic Hot water M = single-phase motor							

TECHNICAL APPENDIX

EVOPLUS SMALL / EVOPLUS SMALL SAN

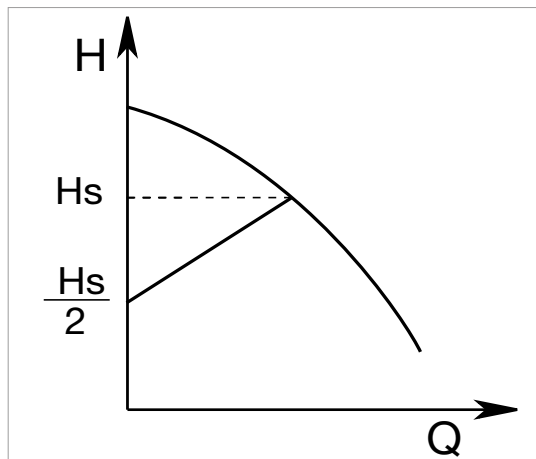
WET ROTOR ELECTRONIC CIRCULATORS

MODES OF OPERATION

All the functions listed below can be consulted by the users (including less experienced ones) by simply scrolling through the menu. The calibration and the modification of the parameters are protected, and can only be completed by expert users. The factory settings of the EvoPlus range are for proportional differential pressure control mode in the curve that ensures the best energy efficiency index (EEI).

1 - ΔP -v proportional differential pressure adjustment mode

With ΔP -v adjustment mode, with the variation of the flow rate, the value of the delivery of the head also varies in a linear manner, from H_{setp} to $H_{setp}/2$.



This adjustment is particularly indicated for the following systems:

- Two-pipe heating systems with thermostat valves and with:**
 - Head greater than 4 metres;
 - Very long circuit piping;
 - Valves with wide operating range;
 - Differential pressure regulators;
 - High pressure drops in those parts of the system carrying the entirety of the water flow rate;
 - Low differential pressure.
- Under-floor central heating systems with thermostatic valves and significant pressure drops in the boiler circuit.**
- Systems with primary circuit pumps with high pressure drops.**

Example of set-up of the set-point with ΔP -v

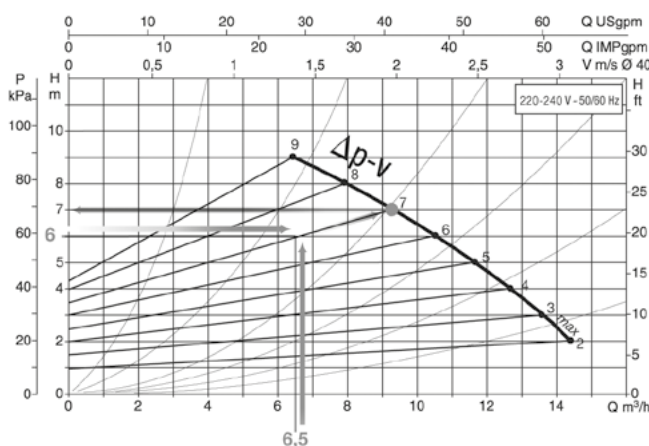
The following operating point is required:

$$Q = 6,5 \text{ m}^3/\text{h}$$

$$H = 6 \text{ m}$$

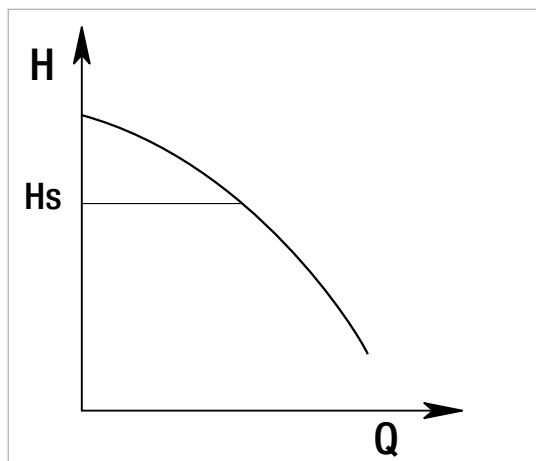
PROCEDURE:

- In the graph, find the desired operating point, and then find the EVOPLUS curve closest to it (in this case the point lies precisely on the curve)
- Follow the curve upwards until reaching the intersection with the limit curve of the circulator.
- The head reading found at this limit point is the set-point head that must be entered to obtain the desired operating point.



2 - ΔP -c constant differential pressure adjustment mode

The ΔP -c adjustment mode keeps the differential pressure of the system constantly at the H_{setp} value set, even in case of variation of the flow rate.



This adjustment is particularly indicated for the following systems:

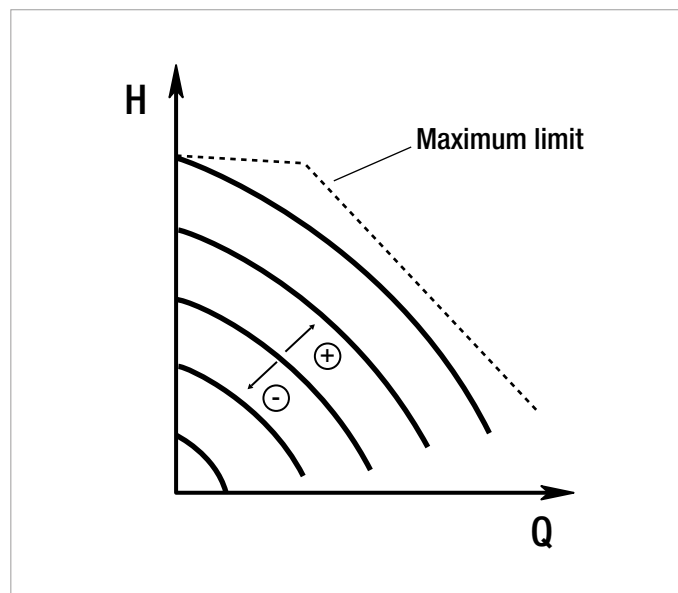
- Two-pipe heating systems with thermostat valves and with:**
 - Head lower than 2 metres;
 - Natural circulation;
 - Low pressure drops in those parts of the system carrying the entirety of the water flow rate;
 - High differential temperature (central heating).
- Under-floor heating systems with thermostat valves**
- Single-pipe heating systems with thermostat valves and calibration valves**
- Systems with primary circuit pumps with low pressure drops.**

TECHNICAL APPENDIX

EVOPLUS SMALL / EVOPLUS SMALL SAN

WET ROTOR ELECTRONIC CIRCULATORS

3 - Constant curve adjustment modes



In this control mode, the circulator works based on constant speed characteristic curves.

The operation curve is selected by setting the rotation speed using a percentage factor. The 100 % value indicates the maximum limit curve.

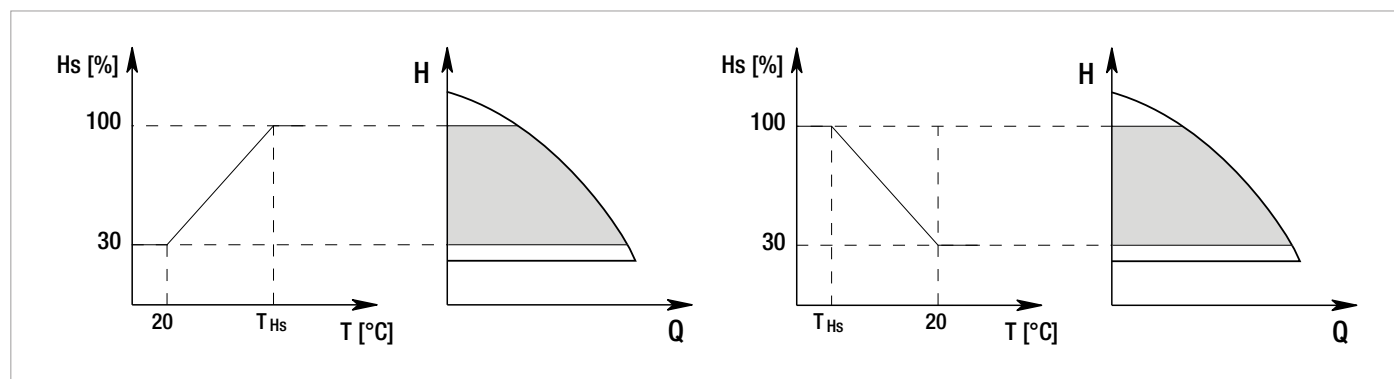
The actual rotation speed may be affected by the power and differential pressure limitations of the actual circulator model.

The rotation speed may be set using the display, or either a 0-10 V or PWM external signal, using the appropriate multifunction module.

Control mode indicated for constant flow rate heating and air conditioning systems.

4 - Constant differential pressure control mode with proportional control based on the water temperature

(Function available with multifunction module)



The circulator head set-point is reduced in accordance with the water temperature.

The liquid temperature can be set between 0 °C to 100 °C.

This adjustment is particularly indicated for the following systems:

- in variable flow rate systems (two-pipe central heating systems), in which a further reduction of circulator performance is provided in line with the lowering of the temperature of the circulating liquid, in case of reduced heating demand.
- in constant flow rate systems (single-pipe and under-floor central heating systems), where the performance of the circulator can only be adjusted by activating the temperature influence function.

It is set through the Evoplus control panel.

ECONOMY MODE

The economy function can be set directly on the control panel, by setting a reduction value (f_{rid}), the maximum value of which can be 50%.

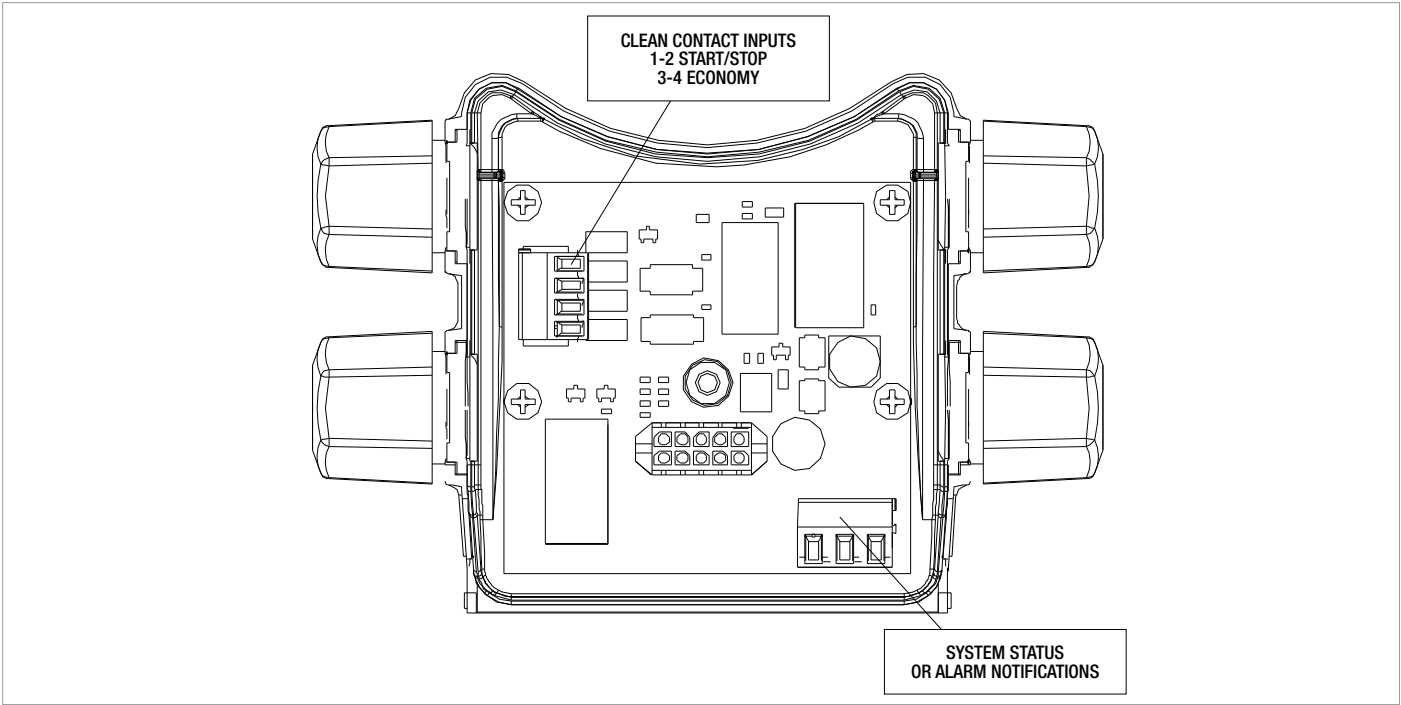
In all the previously listed settings, the Hset value must be replaced with an Hset x f_{rid}.

TECHNICAL APPENDIX

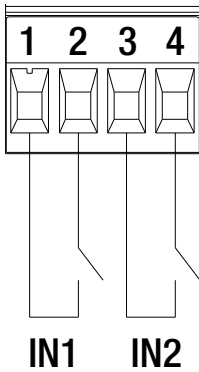
EVOPLUS SMALL / EVOPLUS SMALL SAN

WET ROTOR ELECTRONIC CIRCULATORS

BASE MODULE



Digital inputs



Clean contact inputs
1-2 START/STOP
3-4 ECONOMY

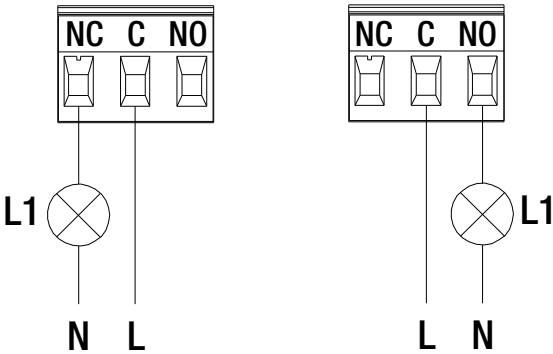
Input	Terminal no.	Type of contact	Associated function
IN1	1	Clean contact	EXT: If it is activated from the control panel, it will be possible to remotely control the switching on and off of the pump.
	2		
IN2	3	Clean contact	Economy: If it is activated from the control panel, it will be possible to remotely activate the set-point reduction function.
	4		

If the **EXT** and **Economy** functions have been activated using the control panel, the system will behave as follows:

IN1	IN2	System status
Open	Open	Pump stopped
Open	Close	Pump stopped
Close	Open	Pump in operation with set-point set by the user
Close	Close	Pump in operation with reduced set-point

Digital outputs

System status or alarm notifications



The function associated to OUT1 is "Alarms Present"; L1 turns on when a system alarm is present, and turns off when no fault is detected.

The function associated with OUT1 is "Pump Status"; L1 turns on when the pump is in operation, and stops when the pump is idle.

Out-put	Terminal no.	Type of contact	Associated function
OUT1	NC	NC	• Presence/absence of system alarms • Pump in operation/Pump stopped
	C	COM	
	NO	NO	

The OUT1 output is available on the 3-pole removable terminal box, where the type of contact is also shown (NC = Normally Closed, COM = Common, NO = Normally Open).

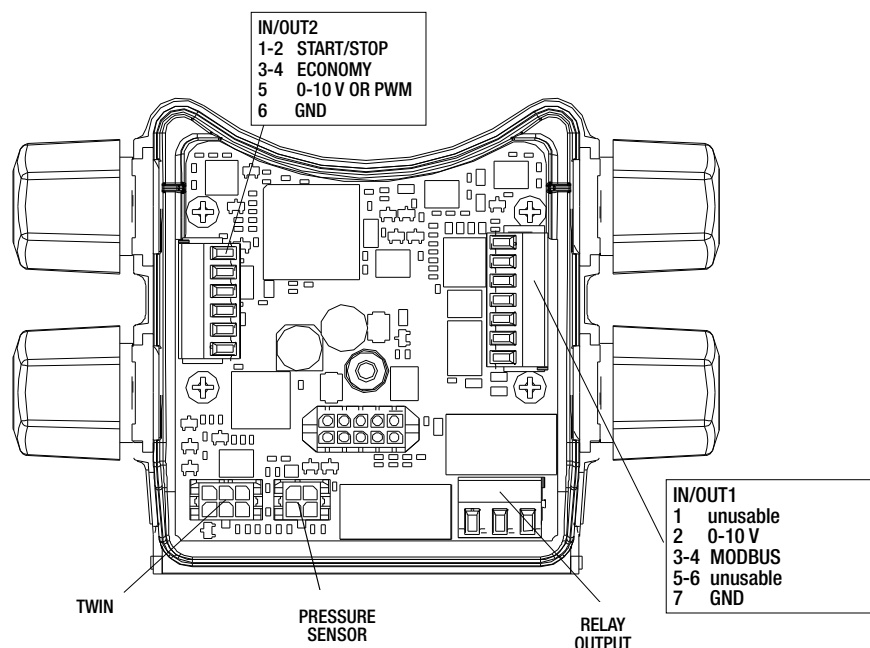
Characteristics of the output contacts	
Max sustainable voltage [V]	250
Max sustainable current [A]	5 - If resistive load 2,5 - If inductive load
Max cable section accepted [mm ²]	1,5

TECHNICAL APPENDIX

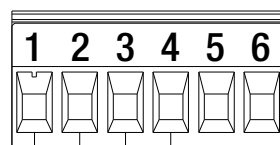
EVOPLUS SMALL / EVOPLUS SMALL SAN

WET ROTOR ELECTRONIC CIRCULATORS

MULTIFUNCTION MODULE



Digital inputs



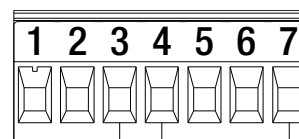
IN/OUT2
 1-2 START/STOP
 3-4 ECONOMY
 5 0-10V, PWM and NTC
 6 GND

Input	Terminal no.	Type of contact	Associated function
IN1	1	Clean contact	EXT: If it is activated from the control panel, it will be possible to remotely control the switching on and off of the pump.
	2		
IN2	3	Clean contact	Economy: If it is activated from the control panel, it will be possible to remotely activate the set-point reduction function.
	4		

If the **EXT** and **Economy** functions have been activated using the control panel, the system will behave as follows:

IN1	IN2	System status
Open	Open	Pump stopped
Open	Close	Pump stopped
Close	Open	Pump in operation with set-point set by the user
Close	Close	Pump in operation with reduced set-point

MODBUS



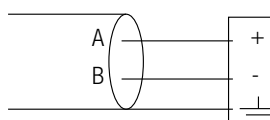
IN/OUT1
 1 unusable
 2 0-10 V
 3-4 modbus
 5-6 unusable
 7 GND

The multifunction expansion module provides serial communication through an RS-485 input. The communication is established in accordance with the MODBUS specifications.

Using the MODBUS, it is possible to remotely set the circulator operating parameters, like the desired differential pressure, the control mode, etc. At the same time, the circulator can provide important information on the status of the system.

Modbus terminals	Terminal no.	Description
A	3	Terminal not inverted (+)
B	4	Terminal inverted (+)
Y	7	GND

LONBUS



Gateway/ Evoplus connection

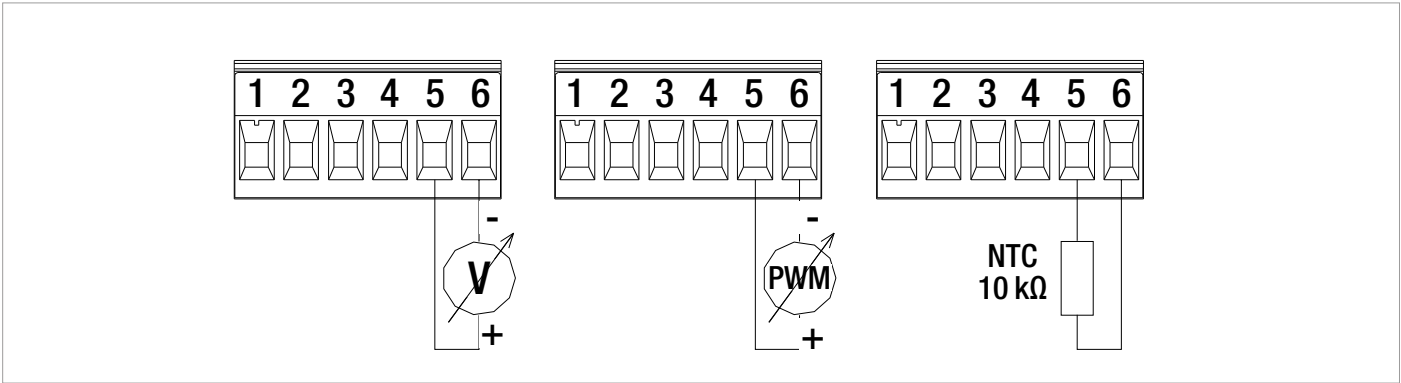
Using some modules available on the market, the circulator, and therefore its status, can also be made available to a LonWorks network. It will then be possible to change the parameters of the circulator by reading and amending the registers as indicated in the "Modbus Protocol instruction manual", available at the following address: "<http://www.dabpumps.it/evoplus>".

TECHNICAL APPENDIX

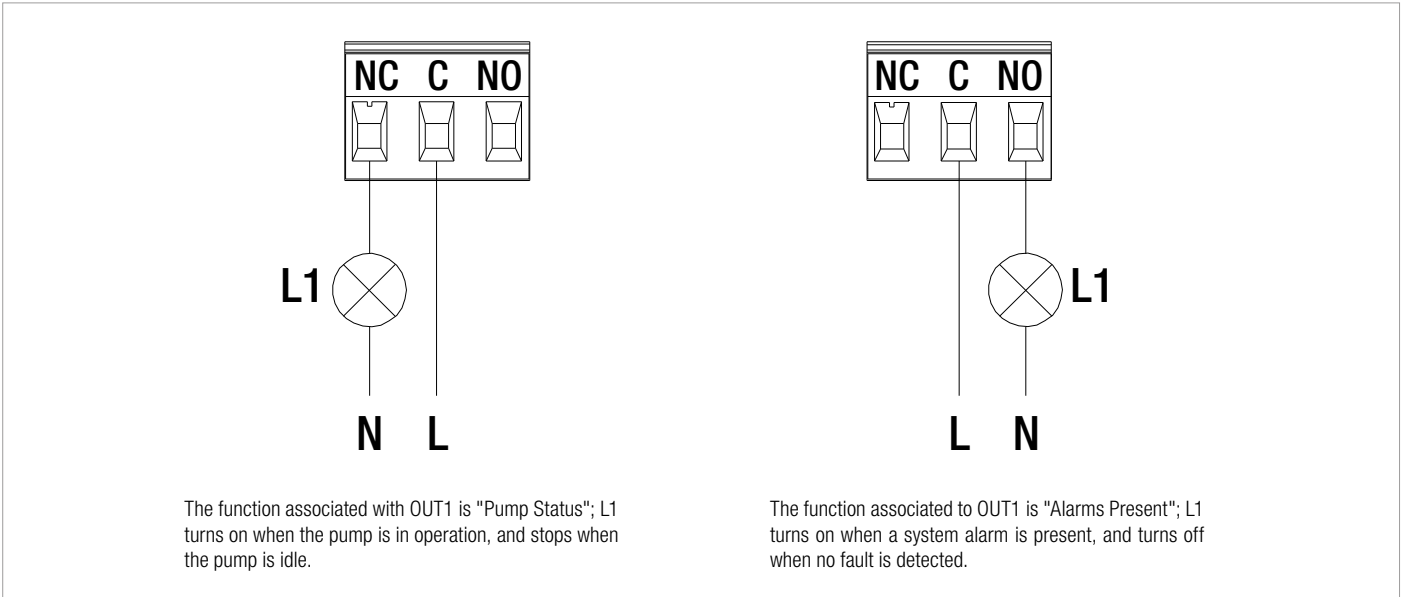
EVOPLUS SMALL / EVOPLUS SMALL SAN

WET ROTOR ELECTRONIC CIRCULATORS

PWM AND NTC ANALOGUE INPUT



DIGITAL OUTPUTS



Output	Terminal no.	Type of contact	Associated function
OUT1	NC	NC	• Presence/absence of system alarms • Pump in operation/Pump stopped
	C	COM	
	NO	NO	

The OUT1 output is available on the 3-pole removable terminal box, where the type of contact is also shown (NC = Normally Closed, COM = Common, NO = Normally Open).

Characteristics of the output contacts	
Max sustainable voltage [V]	250
Max sustainable current [A]	5 - If resistive load 2,5 - If inductive load
Max cable section accepted [mm²]	1,5

TECHNICAL APPENDIX

EVOPLUS / EVOPLUS SAN

WET ROTOR ELECTRONIC CIRCULATORS

EVOPLUS CONSTRUCTION CHARACTERISTICS COLLECTIVE SYSTEMS (ELECTRONIC DEVICE)*

Evoplus circulators are controlled by a latest generation NPT technology IGBT device, for better efficiency and strength. The specific features are:

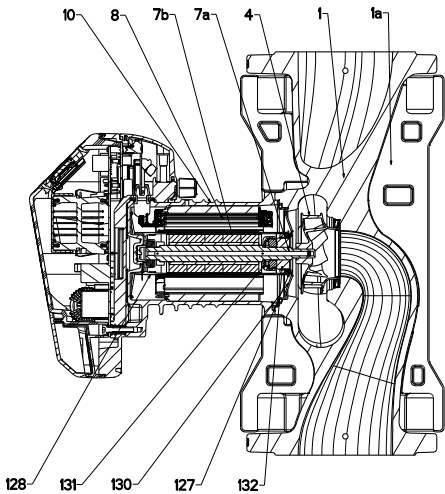
- Sine-wave PWM modulation
- High carrier frequency to eliminate all audio band noise
- 2 dedicated 32 bit processors
 - One for driving the motor;
 - One for the user interface, enabling to perform the following functions:
 - Start/stop command
 - Economy command
 - 0-10 V analogue signal command
 - PWM signal command
 - 4-20 mA analogue signal command
 - ΔT temperature sensor signal command
 - Connection to ModBus system management devices. Optional LonBus with appropriate module.
- Optimised "space vector" algorithm
- Presence/absence of system alarms
- Pump in operation notification

* Inputs only available if the associated function is active.

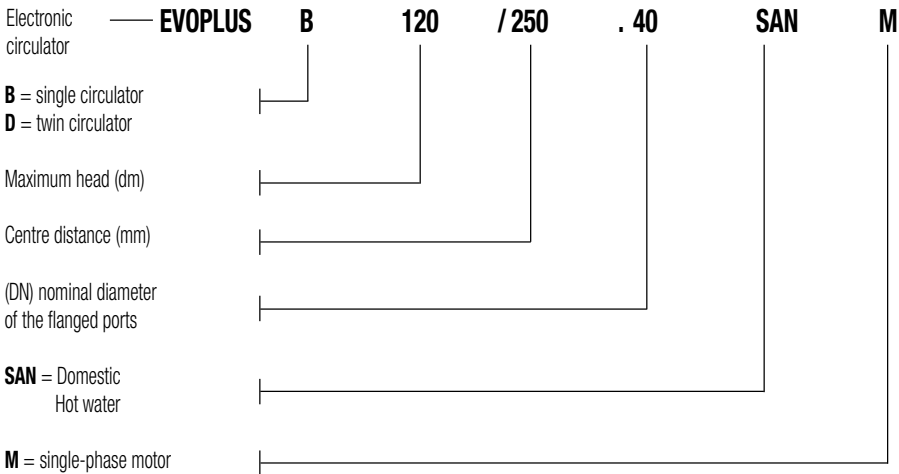
An intuitive and functional user interface guarantees ease of calibration by all users. The easy to read OLED display on the control panel, three simple navigation keys, an in-line cascade menu featuring the latest mobile technology trends, and a wide range of functions, mean that Evoplus circulators are truly revolutionary products. A reliable and sturdy construction, together with a modern and innovative design, complete the product, also in terms of aesthetic value.

MATERIALS

N.	PARTS	MATERIALS
1	PUMP BODY	CAST IRON 250 UNI ISO 185 - CTF BRONZE (for the SAN version)
4	IMPELLER	TECHNOPOLYMER
7A	MOTOR SHAFT	STAINLESS STEEL
7B	ROTOR	STAINLESS STEEL LINER
8	STATOR	-
10	MOTOR CASING	DIE-CAST ALUMINIUM
127	SEAL RING	EPDM RUBBER
128	STATOR LINER	COMPOSITE AND CARBON FIBRE
130	CLOSING FLANGE	STAINLESS STEEL
131	THRUST RING SUPPORT	STAINLESS STEEL
132	BUSHINGS	ALUMINA



- Legend:
(example)



TECHNICAL APPENDIX

EVOPLUS / EVOPLUS SAN

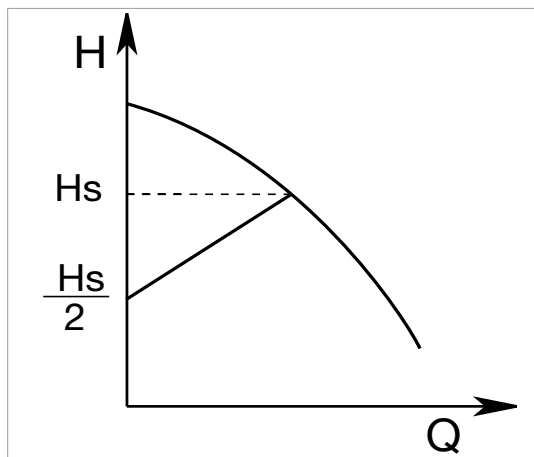
WET ROTOR ELECTRONIC CIRCULATORS

MODES OF OPERATION

All the functions listed below can be consulted by the users (including less experienced ones) by simply scrolling through the menu. The calibration and the modification of the parameters are protected, and can only be completed by expert users. The factory settings of the Evoplus range are for proportional differential pressure control mode in the curve that ensures the best energy efficiency index (EEI).

1 - ΔP -v proportional differential pressure adjustment mode

With ΔP -v adjustment mode, with the variation of the flow rate, the value of the delivery of the head also varies in a linear manner, from H_{setp} to $H_{setp}/2$.



This adjustment is particularly indicated for the following systems:

- Two-pipe heating systems with thermostat valves and with:**
 - Head greater than 4 metres;
 - Very long circuit piping;
 - Valves with wide operating range;
 - Differential pressure regulators;
 - High pressure drops in those parts of the system carrying the entirety of the water flow rate;
 - Low differential pressure.
- Under-floor central heating systems with thermostatic valves and significant pressure drops in the boiler circuit.**
- Systems with primary circuit pumps with high pressure drops.**

Example of set-up of the set-point with ΔP -v

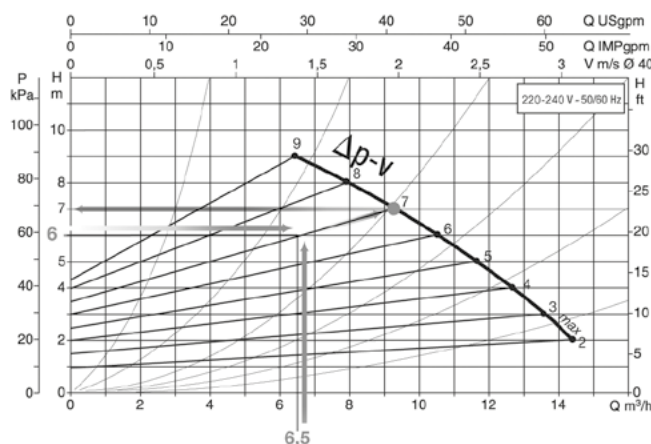
The following operating point is required:

$$Q = 6,5 \text{ m}^3/\text{h}$$

$$H = 6 \text{ m}$$

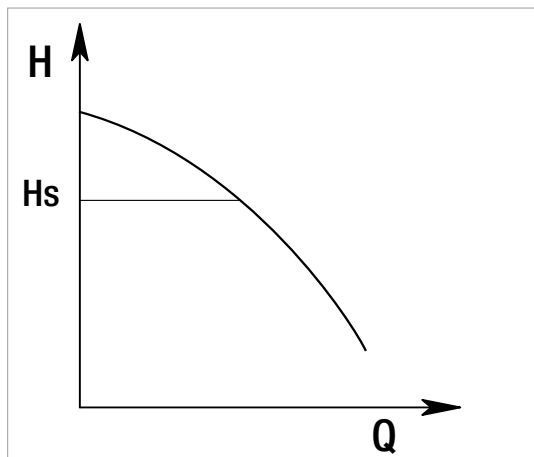
PROCEDURE:

- In the graph, find the desired operating point, and then find the Evoplus curve closest to it (in this case the point lies precisely on the curve)
- Follow the curve upwards until reaching the intersection with the limit curve of the circulator.
- The head reading at this limit point is the set-point head that must be entered to obtain the desired operating point.



2 - ΔP -c constant differential pressure adjustment mode

The ΔP -c adjustment mode keeps the differential pressure of the system constantly at the H_{setp} value set, even in case of variation of the flow rate.



This adjustment is particularly indicated for the following systems:

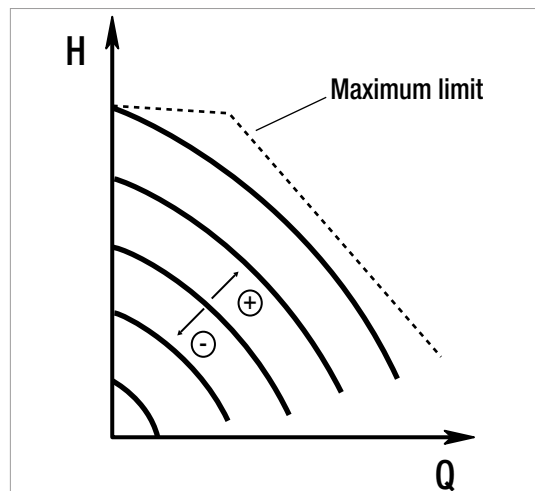
- Two-pipe heating systems with thermostat valves and with:**
 - Head lower than 2 metres;
 - Natural circulation;
 - Low pressure drops in those parts of the system carrying the entirety of the water flow rate;
 - High differential temperature (central heating).
- Under-floor heating systems with thermostat valves**
- Single-pipe heating systems with thermostat valves and calibration valves**
- Systems with primary circuit pumps with low pressure drops.**

TECHNICAL APPENDIX

EVOPLUS / EVOPLUS SAN

WET ROTOR ELECTRONIC CIRCULATORS

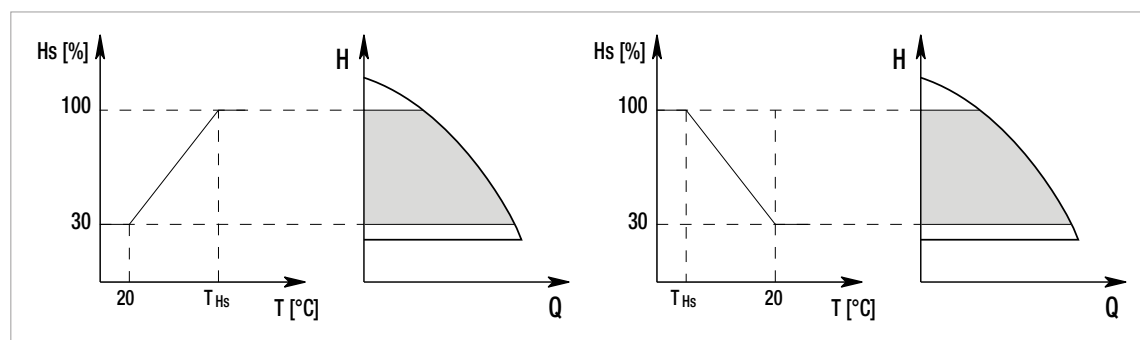
3 - Constant curve adjustment modes



In this control mode, the circulator works based on constant speed characteristic curves. The operation curve is selected by setting the rotation speed using a percentage factor. The 100 % value indicates the maximum limit curve. The actual rotation speed may be affected by the power and differential pressure limitations of the actual circulator model. The rotation speed may be set using the display, or either a 0-10 V or PWM external signal.

Control mode indicated for constant flow rate heating and air conditioning systems.

4 - Constant differential pressure control mode with proportional control based on the water temperature



The circulator head set-point is reduced in accordance with the water temperature. The liquid temperature can be set between 0 °C to 100 °C.

This adjustment is particularly indicated for the following systems:

- a. - in variable flow rate systems (two-pipe central heating systems), for which a further reduction of the circulator performance levels is provided in accordance with the lowering of the temperature of the circulating liquid, in case of reduced heating demand.
 - b. - in constant flow rate systems (single-pipe and under-floor central heating systems), where the performance of the circulator can only be adjusted by activating the temperature influence function.
- It is set through the Evoplus control panel.

ECONOMY MODE

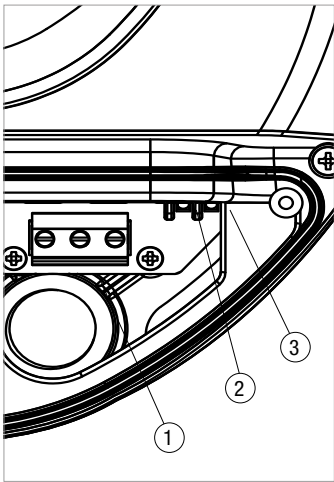
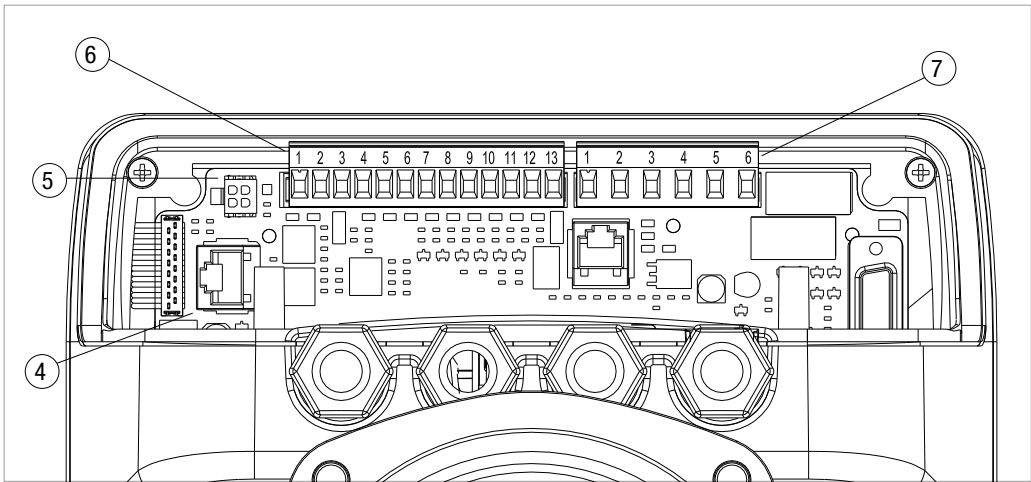
The economy function can be set directly on the control panel, by setting a reduction value (f.rid), the maximum value of which can be 50%. In all the previously listed settings, the Hset value must be replaced with an Hset x f.rid.

TECHNICAL APPENDIX

EVOPLUS / EVOPLUS SAN

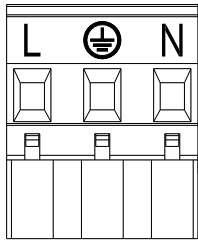
WET ROTOR ELECTRONIC CIRCULATORS

CONNECTION DIAGRAM



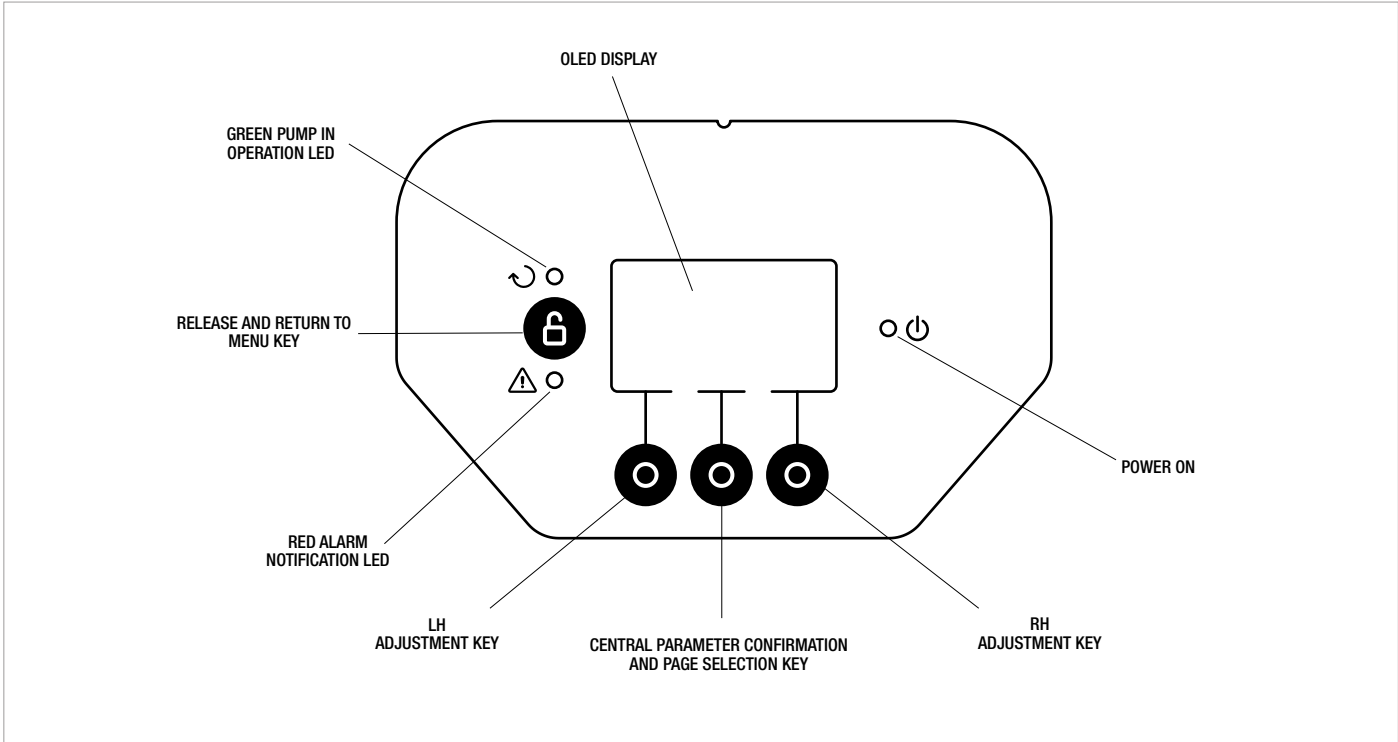
1	Removable terminal box for the connection of the power input line: 1x220-240 V, 50/60 Hz
2	Auxiliary LED
3	High voltage LED
4	Connector for twin circulators
5	Connector for pressure and temperature sensor on the circulator (as standard)
6	Removable 13-pole terminal box for the connection of MODBUS systems and inputs
7	Removable 6-pole terminal box for system status and alarm notification

POWER INPUT CONNECTION



Removable power input terminal box

USER INTERFACE

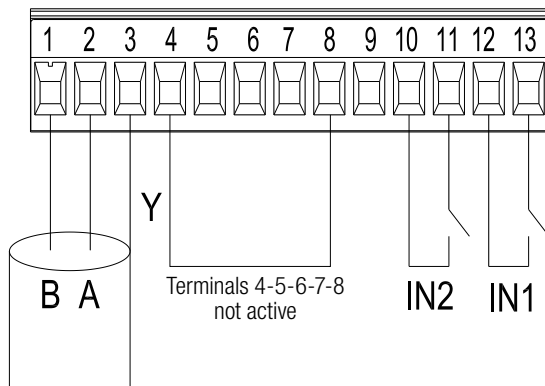


TECHNICAL APPENDIX

EVOPLUS / EVOPLUS SAN

WET ROTOR ELECTRONIC CIRCULATORS

Digital inputs

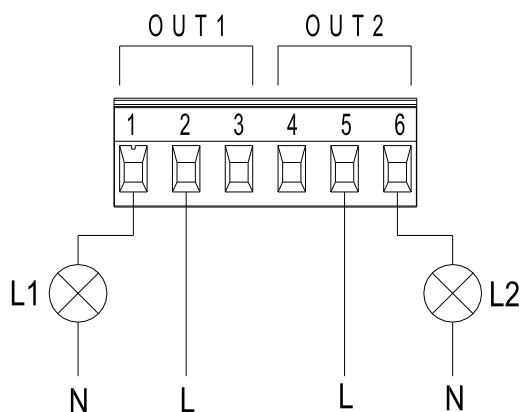


Input	Terminal no.	Type of contact	Associated function
IN1	12	Clean contact	EXT: If it is activated from the control panel, it will be possible to remotely control the switching on and off of the pump.
	13		
IN2	10	Clean contact	Economy: If it is activated from the control panel, it will be possible to remotely activate the set-point reduction function.
	11		

If the **EXT** and **Economy** functions have been activated using the control panel, the system will behave as follows:

IN1	IN2	System status
Open	Open	Pump stopped
Open	Close	Pump stopped
Close	Open	Pump in operation with set-point set by the user
Close	Close	Pump in operation with reduced set-point

Digital outputs



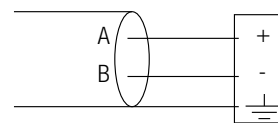
Light L1 comes on when the system includes an alarm, and goes off when no faults are detected, while light L2 comes on when the pump is in operation, and goes off when the pump is stopped.

MODBUS

Evoplus circulators provide serial communication through an RS-485 input. The communication is established in accordance with the MODBUS specifications. Using the MODBUS, it is possible to remotely set the circulator operating parameters, like the desired differential pressure, the temperature influence, the control mode, etc.. At the same time, the circulator can provide important information on the status of the system.

Modbus terminals	Terminal no.	Description
A	2	Terminal not inverted (+)
B	1	Terminal inverted (+)
Y	3	GND

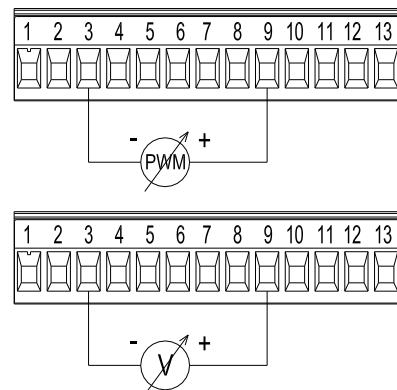
LONBUS



Gateway/ Evoplus connection

Using some modules available on the market, the circulator, and therefore its status, can also be made available to a LonWorks network. It will then be possible to change the parameters of the circulator by reading and amending the registers as indicated in the "Modbus Protocol instruction manual", available at the following address: "<http://www.dabpumps.it/evoplus>".

ANALOGUE AND PWM INPUT



Connection diagram for the external 0-10 V and PWM signals. The 2 signals share the same terminals of the terminal box, and therefore are mutually exclusive.

OUTPUT	TERMINAL NO.	TYPE OF CONTACT	ASSOCIATED FUNCTION
OUT1	1	NC	Presence/absence of system alarms
	2	COM	
	3	NO	
OUT2	4	NC	Pump in operation/Pump stopped
	5	COM	
	6	NO	

Outputs OUT1 and OUT2 are available on the 6-pole removable terminal box, where the type of contact is also shown (NC = Normally Closed, COM = Common, NO = Normally Open).

CHARACTERISTICS OF THE OUTPUT CONTACTS

Max sustainable voltage [V]	250
Max sustainable current [A]	5 - If resistive load 2,5 - If inductive load
Max cable section accepted [mm ²]	1,5

NOTES

esybox LINE



BUILT-IN
CONNECTIVITY

MODULARITY AND CONNECTIVITY THE REVOLUTION OF WATER PRESSURISATION



Download on the
App Store

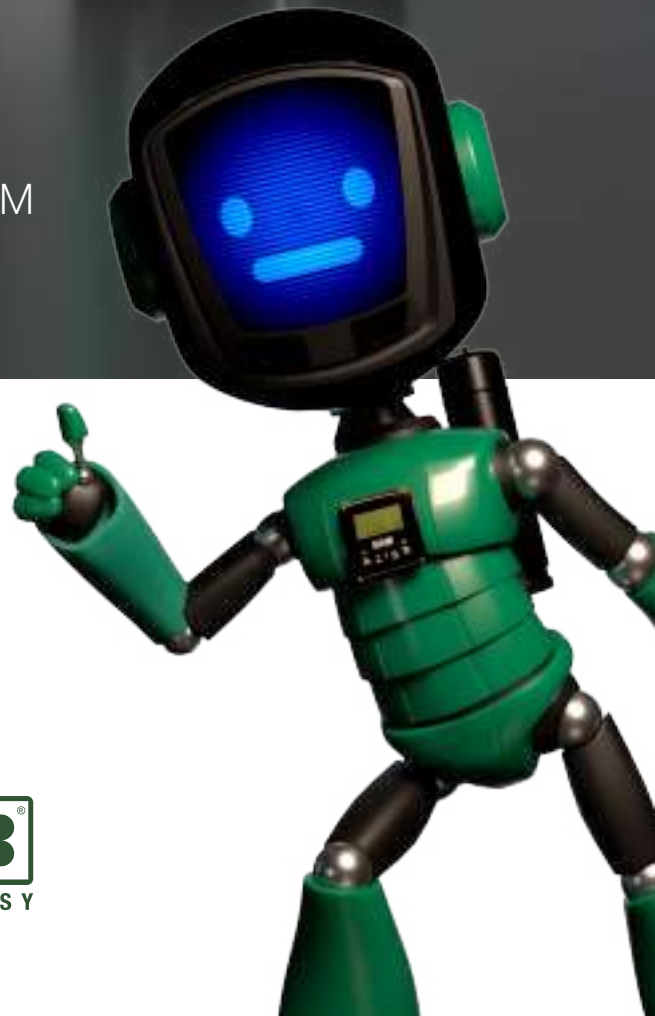
GET IT ON
Google play

DAB'S DIGITAL SOLUTION
ARE EVOLVING!

[ESYBOXLINE.COM](https://www.esyboxline.com)



DAB
MAKING WATER EASY



CONTENTS - ESYBOX LINE



ESYBOX POP

ELECTRONIC PRESSURIZATION SYSTEM

NEW

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2 ESYBOX MINI WITH ESYTWIN MINI

ELECTRONIC BOOSTER SET

E7

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ESYBOX MINI ³

ELECTRONIC PRESSURIZATION SYSTEM

E7

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2 ESYBOX WITH ESYTWIN

ELECTRONIC BOOSTER SET

E7

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ESYBOX

ELECTRONIC PRESSURIZATION SYSTEM

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ESYBOX MAX

ELECTRONIC PRESSURIZATION SYSTEM

G4

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ESYBOX DIVER

7" ELECTRONIC MULTI-IMPELLER SUBMERSIBLE PUMPS WITH BUILT-IN VARIABLE FREQUENCY DRIVE

E7

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ACCESSORIES

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DISCOVER THE HISTORY OF
esybox LINE



esybox LINE

Installed **all around the world** to **Make water management experience easier.**

With the launch of our first EsyBox, over 10 years ago, revolutionized the concept of pressurization systems with a fully integrated electronic solution.

More than just a range of products, the EsyBox Line today represents a new experience in water management for a diversity of applications.





Gardening & irrigation



Water boosting



Water purifying



Rainwater reuse



Hydroponic



Grey water reuse



HO.RE.CA.

The fluid being pumped must be clean, free from solid particles or abrasives, non-viscous, non-corrosive, non-crystallizing, and chemically stable.

WHICH ESYBOX DO YOU NEED? FOLLOW THESE STEPS:

CALCULATION OF THE HEAD

$$\text{Head [m]} = 3.6 \cdot \# \text{ floors} + 20 \text{ m}$$

3.6: assuming a height per floor of 3 metres + pressure losses due to friction in the pipes equal to 20% of the total height of the building.

20 m: pressure required by the most disadvantaged user (2 bar).

The suction pressure is not taken into account as the standards prohibit direct connection of the aqueduct to the pump.

To this value must be added the pressure losses due to the devices installed in the system (softeners, boilers, ...).

SELECTION TABLE

If you're in the market for a domestic water pressure boosting system, then the EsyBox Line is just what you're looking for. EsyBox is DAB's integrated system for domestic pressure boosting; it's quiet and saves you energy by supplying constant pressure based on your actual water demand. Don't delay, discover the full EsyBox Line today!

		WATER PRESSURE BOOSTING		
		MAXIMUM NUMBER OF FLOORS	SMALL APARTMENT with 1 bathroom (6* 🚿)	MEDIUM-SIZE APARTMENT with 2 bathrooms (10* 🚿)
			MAXIMUM NUMBER OF APARTMENTS	
ESYBOX POP 		4 taps turned on at the same time (with no suction pressure)		
		6 taps turned on at the same time (1 bar suction - where allowed)		
		10 taps turned on at the same time (2 bar suction - where allowed)		
ESYBOX MINI ³ 	All on the same floor	4	3	
	GF + 1 floor	3	2	
	GF + 2 floors	1	1	
2 ESYBOX MINI WITH ESYTWIN MINI 	All on the same floor	14	9	
	GF + 1 floor	10	7	
	GF + 2 floors	7	5	
ESYBOX 	All on the same floor	14 *	9*	
	GF + 1 floor	10*	7	
	GF + 2 floors	7	5	
2 ESYBOX WITH ESYTWIN 	All on the same floor	50	35	
	GF + 1 floor	40	30	
	GF + 2 floors	30	20	
ESYBOX DIVER 	All on the same floor	14	9	
	GF + 1 floor	10	7	
	GF + 2 floors	7	5	
	ESYBOX MAX 45/120	GF + 1 floor	40*	40*
		GF + 3 floors	20*	20*
		GF + 5 floors	10*	10*
	ESYBOX MAX 60/120	GF + 1 floor	60*	60*
		GF + 3 floors	35*	35*
		GF + 5 floors	25*	25*
	ESYBOX MAX 85/120	GF + 1 floor	50*	50*
		GF + 3 floors	45*	45*
		GF + 5 floors	40*	40*

* We recommend installing 2 pumps to ensure uninterrupted service

WARNING: the calculations and tables shown on these pages are based on our experience and can never replace the calculations made by a qualified technician: they are therefore only intended to give a general, non-binding indication for planning purposes.

ESYBOX POP

ELECTRONIC PRESSURIZATION SYSTEM

NEW



This electronic pressurisation system is designed for small residential environments: it features sound-absorbing materials and a water-cooled permanent magnet motor, ensuring quiet operation, which makes it particularly suitable for home use.

The professional performance of this device is ensured by its advanced components, which include: an anti-cycling feature, which detects leaks by monitoring the frequency of starts and stops; an automatic shut-off mechanism that activates in the event of dry running; an anti-freeze system - to prevent ice formation in the hydraulic components, the pump activates when temperatures drop below 5°C; a motor-protection technology to prevent issues from prolonged inactivity.

The adjustable connections facilitate installation. Integrated connectivity enables users to configure settings via a smartphone and access cloud services without the need for additional accessories. The remote control works with H₂D app.

Operating range

flow rate up to 3.9 m³/h; head up to 32 m.

Pumped liquid clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Liquid temperature range

5°C to +50°C

Maximum ambient temperature +50°C.

Maximum working pressure

6 bar (600 kPa).

Protection degree IPX5.

Insulation class F.

Installation

vertical or wall-mounting using the dedicated accessory

esybox pop



REMOTE MONITORING
Via web portal and
H₂D App

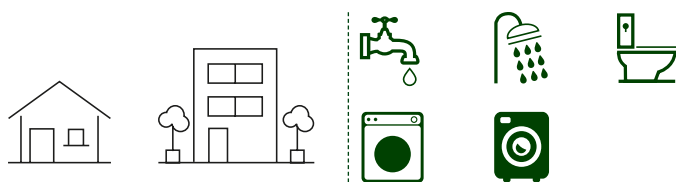


H2D
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MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA								DNA GAS	DNM GAS	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 - 60 Hz	P1 MAX		In A	Q=m³h	0	0.6	1.2	1.8	2.4	3	3.6				
				kW	HP		Q=l/min	0	10	20	30	40	50	60				
ESYBOX POP	60220687	778	1x220-240V ~	0.3	0.4	1.5	H(m)	32	31	26.8	21.6	16	10.1	5	3/4	3/4	4.4	76

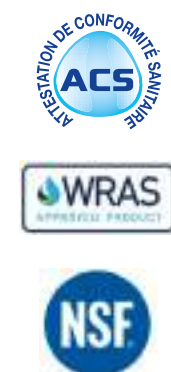
APPLICATIONS



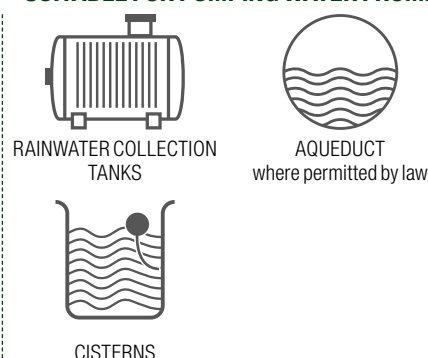
EsyBox Pop

- 4 taps running simultaneously (with zero inlet pressure)
 - 6 taps running simultaneously (1 bar inlet pressure – where permitted)
 - 10 taps running simultaneously (2 bar inlet pressure – where permitted).
- Indicative data. Refer to the technical catalogue or DNA for correct sizing.

CERTIFICATIONS



SUITABLE FOR PUMPING WATER FROM:



Work just got smarter...and for you home too!



OVERVIEW

H₂D shows you your real-time consumption along with device status.



SMART HOME, TALK TO ESYBOX POP!

You can even ask your voice assistant to activate comfort modes: it's that easy!



POWER SHOWER

Provides a "power shower" by increasing water pressure just for the time it takes to shower.



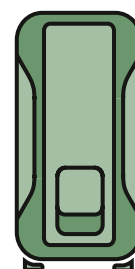
GOOD NIGHT

A useful feature for nighttime, or when taking a quick nap: it switches the already super quiet pump to whisper-quiet operation, further reducing energy usage.



HOLIDAY MOOD

Minimizes device activity and energy usage when you're away for extended periods.



SOUND
PRESSURE** 40
db(A)

22,4 x 20,9 x 12,2 cm

** In "good night" mood.

** Sound pressure measured at a distance of 1 metre in free field.

discover **esybox LINE**



The latest revolution from the EsyBox Line that revolutionized water.

esybox pop



Perfect pressure

Enjoy water that always flows at your perfect intensity. Even in multiple spots at once, without compromise.



All-in-one

EsyBox Pop has everything you need to work right out of the box. No components required: simply plug & play. And with its accessories, it easily adapts to your specific needs.



Compact and light

EsyBox Pop looks great, but when needed, it's not afraid of tight spaces, wheather it's a garage or a basement.



Smart and connected

Set comfort mode, and track consumption: discover how you can even talk directly to your smart pump!



The solution you've been waiting for

From its compact size to its smart management, **EsyBox Pop** is designed to **simplify every step**: from installation to maintenance, including setup and use.



Bathroom renovation



Areas affected by water rationing



Apartments, even on upper floors



Whole-house renovation



Replacing noisy pumps

Ultimate home comfort, made simple.



Quick maintenance

The modular design makes the pump easy to maintain. Components can be replaced quickly, reducing downtime and lowering service costs.



Small size, big performance

Compact yet technologically advanced, with minimal consumption and ultra-quiet operation. Smart connectivity ensures an optimal user experience.



Maximum versatility

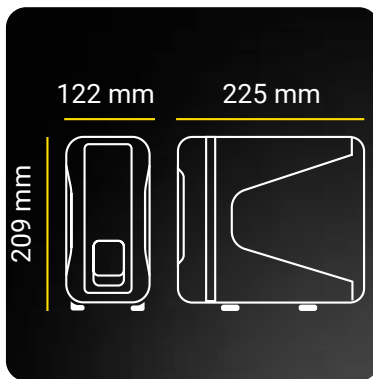
With its compact size, reduced weight, and rotatable fittings, EsyBox Pop can be installed in spaces where no other product can fit.



Intuitive setup

Configure the pump quickly and easily via the DAB H2D app, monitor its operation and troubleshoot remotely, saving both time and money.

Compact and light



Ultra-quiet and all-in-one



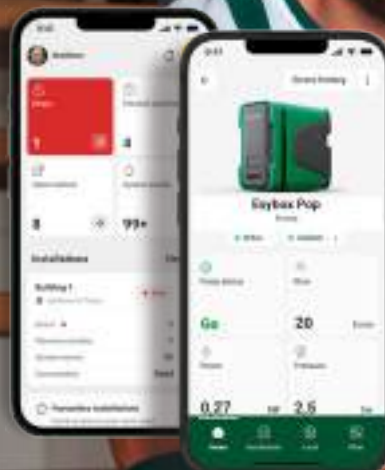
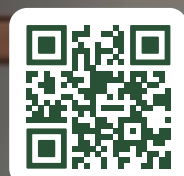
Certified for drinking water



take full control of your water.

H2D Compatible with EsyBox Pop,
it's your ideal app.

- Save time and work more efficiently
- Plan interventions in advance
- Monitor faults remotely
- Deliver better service for happier customers



ESYBOX MINI³

ELECTRONIC PRESSURIZATION SYSTEM



Multi-impeller self-priming electronic system for pressurization, gardening and irrigation, rainwater reuse, in domestic and residential installations.

Compact, fully integrated and ready to use without the need for additional components, including the 1-litre expansion tank, power cable and plug. Once the desired pressure is set, the variable frequency drive keeps it constant regardless of the demand.

The carefully selected materials (ABS) and the water-cooled motor make it low noise (45 dB) and installable even in inhabited rooms, either vertically or horizontally depending on available space.

The large display allows easy and precise configuration of operating parameters.

Built-in Wi-Fi module. For professionals, the H₂D service allows remote monitoring via app or web portal. In addition, end users can monitor consumption levels and manage comfort functions. It is also possible to receive alarms via e-mail or app notifications.

Sets of up to two pumps can be created.

Operating range

flow rate up to 4.8 m³/h; head up to 55 m.

Pumped liquid clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Liquid temperature range

0°C to +40°C

Maximum ambient temperature +50°C.

Maximum suction depth 8 metres.

Maximum working pressure

7.5 bar (750 kPa).

Protection degree IPX4.

Insulation class F.

Installation

horizontal, vertical or wall-mounted position

esybox mini³



ONLINE
TRAINING



BUILT-IN
CONNECTIVITY

REMOTE MONITORING

Via web portal and
H₂D App



H2D
PAGE 11

ACCESSORIES
PAGE 121

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA												DNA GAS	DNM GAS	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 - 60 Hz	P1 MAX		In A	Q=m³/h	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8							
				kW	HP		Q=l/min	10	20	30	40	50	60	70	80							
ESYBOX MINI 3	60212597	1.114	1x220-240 V ~	0.85	1.1	4.8	H(m)	55	55	49	39	31	23	14	4	1"	1"	14	18			
ESYBOX MINI 3 - KIWA	60212602	1.279	1x220-240 V ~	0.85	1.1	4.8	H(m)	55	55	49	39	31	23	14	4	1"	1"	14	18			

APPLICATIONS

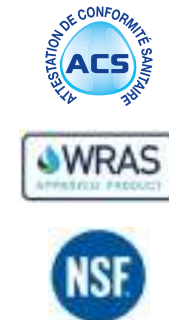


EsyBox Mini³

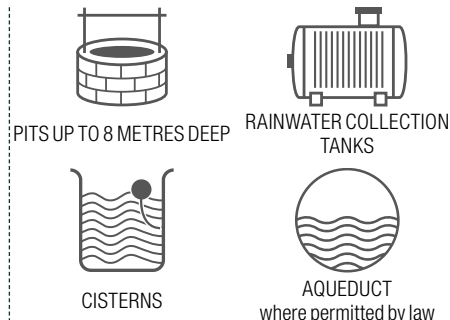
Flats up to 3 floors.

Indicative data. Refer to the technical catalogue or DNA for correct sizing.

CERTIFICATIONS



SUITABLE FOR PUMPING WATER FROM:



Work just got smarter... and for you home too!

OVERVIEW

H₂D shows you your real-time consumption along with device status.

SMART HOME, TALK TO ESYBOX!

You can even ask your voice assistant to activate comfort modes: it's that easy!

POWER SHOWER

Provides a "power shower" by increasing water pressure just for the time it takes to shower.

GOOD NIGHT

A useful feature for nighttime, or when taking a quick nap: it switches the already super quiet pump to whisper-quiet operation, further reducing energy usage.

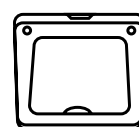


DOUBLES ITS VALUE!

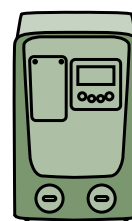
CREATING GROUPS THROUGH WIRELESS:
SERVICE CONTINUITY AND INCREASED
PERFORMANCE



* Calculated with a price of 0.25 €/kWh, compared to a conventional autoclave (or booster set) under average conditions of use.



► HORIZONTAL



► VERTICAL

**SOUND
PRESSURE**** 45
db(A)

44 x 27 x 24 cm

** Sound pressure measured at a distance of 1 metre in free field.

discover **esybox LINE**



ESYBOX

ELECTRONIC PRESSURIZATION SYSTEM



Autoclave system for efficient management of water pressurization in residential and commercial installations for gardening, irrigation or agriculture: it is compact, fully integrated and needs no additional components. Thanks to the variable frequency drive it keeps the water pressure constant regardless of demand and can be used in detached houses and small apartment buildings up to 6 floors and a maximum of 9 flats. With the EsyTwin quick connection station, sets of up to 4 pumps can be easily created. For the same performance, consumption is reduced and the footprint is minimal compared to an equivalent conventional system. The Esytank modular tank (500 or 300 litres), supplied with Esydock, is quickly assembled with EsyBox. Built-in Wi-Fi module. Control and monitoring is possible with H₂D app and web portal for display and management of parameters, settings and comfort functions. It is also possible to receive alarms via e-mail or app notifications. The carefully selected materials and the water-cooled motor make the pump particularly quiet (43 dB) and installable even in inhabited rooms. Can be positioned vertically, horizontally or wall-mounted with appropriate accessories (supplied separately). Built-in 2-litre expansion tank.

Operating range

flow rate up to 7.2 m³/h; head up to 65 m.

Pumped liquid clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Liquid temperature range 40 °C

Maximum ambient temperature +50 °C.

Maximum suction depth

self-priming up to 8 metres.

Maximum working pressure 8 bar (800 kPa).

Protection degree IPX4.

Insulation class F.

Installation horizontal, vertical or wall-mounted position.

esybox



ONLINE
TRAINING



BUILT-IN
CONNECTIVITY

REMOTE MONITORING
Via web portal and
H₂D App



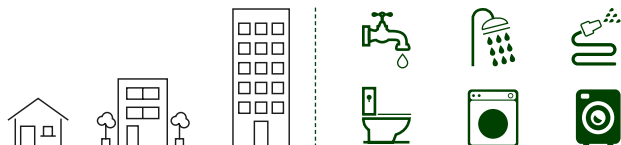
+11%
Energy Saving

H2D
PAGE 11

ACCESSORIES
PAGE 121

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA																DNA GAS	DNM GAS	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 - 60Hz	P1 MAX		IMAX A	Q=m³h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	6.6	7.2						
				KW	HP		Q=l/min	0	10	20	30	40	50	60	70	80	90	100	110	120						
ESYBOX	60212309	1.773	1x220-240 V ~	1.4	1.9	10	H(m)	65	63.5	61.5	59.5	57	53	48	41.5	35	27.5	19	10	2	1"	1"	27	6		

APPLICATIONS



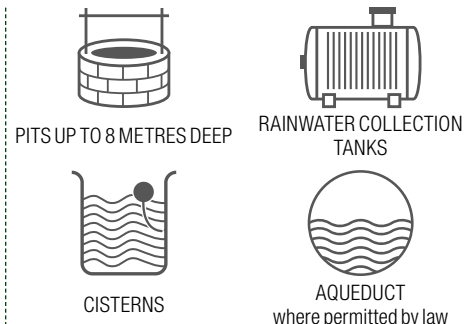
EsyBox

Up to 7 apartments with one bathroom across 3 floors.
Indicative data. Refer to the technical catalogue or DNA for correct sizing.

CERTIFICATIONS



SUITABLE FOR PUMPING WATER FROM:



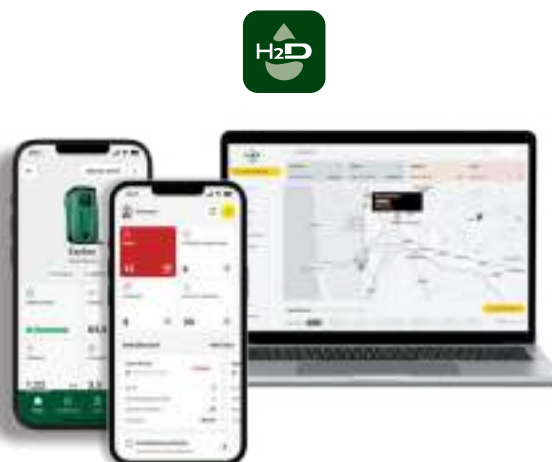
57 x 27 x 35 cm

SOUND
PRESSURE** 43
db(A)



* Calculated with a price of 0.25 €/kWh, compared to a conventional autoclave (or booster set) under average conditions of use.

**Sound pressure measured at a distance of 1 metre in free field.



discover **esybox LINE**



ESYBOX DIVER

7" ELECTRONIC MULTI-IMPELLER SUBMERSIBLE PUMPS WITH BUILT-IN VARIABLE FREQUENCY DRIVE



Electronic multi-impeller submersible 7 inch variable frequency drive-controlled pump for clean water, designed for use in pits, cisterns or tanks. Can be used submerged, partially submerged or on the surface (with the appropriate accessory supplied separately). Suitable for pressurization, rainwater reuse, gardening and irrigation in domestic and residential installations.

Built-in variable frequency drive-controlled electronics for operation according to demand, a non-return valve and a stainless steel carry handle. Electronic operation also protects against running dry and the variable frequency drive saves energy. The innovative design means that the hydraulics, motor, electrics and filter can be dismantled separately, making maintenance much easier. The suction height is adjustable from the bottom to 8 cm. A float and a level sensor can be connected without compromising the watertightness of the pump thanks to the NFC (Near Field Communication) pocket. Built-in 0.04-litre expansion tank with no need for maintenance or refilling. 15-metre power cable with plug. Includes the DConnect Box 2. Control and monitoring is possible with the H₂D app and web portal for display and management of parameters, settings and comfort functions. It is also possible to receive alarms via e-mail or app notifications.

Also available in X version with 1" inlet and X kit including 1 metre suction hose and float to prevent suction of impurities from the bottom. The entire pump is rated IP68. With the DOC68 accessory (supplied separately), it becomes an IP68 surface pump to be used under head.

Operating range

flow rate up to 7.2 m³/h; head up to 55 m.

Type of liquid pumped clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Liquid temperature range

+0 °C to +50 °C.

Maximum immersion depth

12 m standard version.

Maximum suction depth

15 m.

Pump protection degree

IP68.

Thermal classification of motor insulation

F.

Free passage

2 mm.

Set cut-in

2.4 bar (+0.2).

Delivery flanging or threading

Threaded 1 1/4".

Power cable

15 m with plug.

Maximum pump diameter

185 mm.

Type of installation possible

fixed, horizontal or vertical. Submerged or semi-submerged.

Surface, under head installation in vertical position is possible with external accessory DOC68 (supplied separately).

esybox DIVER



ONLINE
TRAINING



BUILT-IN
CONNECTIVITY

REMOTE MONITORING

Via web portal and
H₂D App

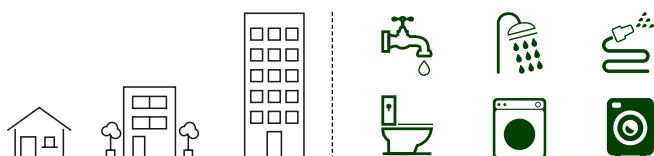


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MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA																	WEIGHT KG	QTY PER PALLET																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	6.6	7.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
					kW	HP		Q=l/min	0	10	20	30	40	50	60	70	80	90	100	110	120																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
ESYBOX DIVER	60188296	1.834	1x220-240V ~	1.3	0.95	1.3	5.5	H(m)	55	55	55	55	55	55	53	44	34	26	17	7.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

APPLICATIONS



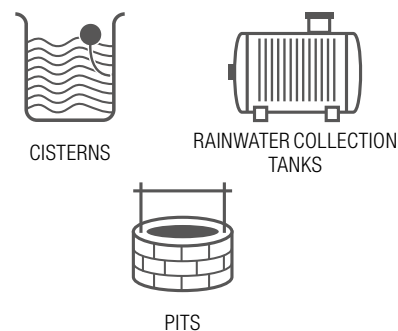
EsyBox Diver

Up to 7 apartments with one bathroom across 3 floors.
Indicative data. Refer to the technical catalogue or DNA for correct sizing.

CERTIFICATIONS



SUITABLE FOR PUMPING WATER FROM:



X VERSION

MODEL	CODE	PRICE €
ESYBOX DIVER X	60195078	1.891
ESYBOX DIVER X + SUCTION KIT 1M	60196494	2.066



ø 18.5 x 65 cm



* Calculated with a price of 0.25 €/kWh, compared to a conventional autoclave (or booster set) under average conditions of use.

discover esybox LINE



2 ESYBOX MINI WITH ESYTWIN MINI

ELECTRONIC BOOSTER SET



2 ESYBOX Mini with ESYTWIN Mini is the electronic booster set for domestic and residential installations. Compact and fully integrated, it requires no additional components for installation: it consists of two self-priming multistage pumps with variable frequency drive-controlled electronics, pressure and flow sensors, a high-resolution LCD and one built-in 1-litre expansion tank per pump. Once the desired pressure is set, the variable frequency drive keeps it constant regardless of the demand. The carefully selected materials (ABS), water-cooled motor and anti-vibration feet make it a low noise product (45 dB). Connectivity is built-in and the wireless module facilitates the creation of 2-pump booster sets. Control and monitoring is possible with the H₂D app and web portal for display and management of parameters, settings and comfort functions. It is also possible to receive alarms via e-mail or app notifications. The kit consists of 2 ESYBOX Mini 3 and 1 ESYTWIN Mini. Components are supplied unassembled.

Operating range

Flow rate up to 8.8 m³/h; head up to 55 m.

Pumped liquid clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Maximum liquid temperature 40 °C.

Maximum ambient temperature +50 °C.

Maximum suction depth

self-priming up to 8 metres.

Maximum working pressure 7.5 bar (750 kPa).

Protection degree IPX4.

Insulation class F.



ONLINE
TRAINING



BUILT-IN
CONNECTIVITY

REMOTE MONITORING

Via web portal and
H₂D App

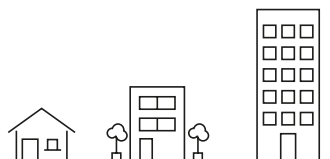


H2D
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ACCESSORIES
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MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA									DNA GAS	DNM GAS	WEIGHT KG
			POWER SUPPLY 50 - 60 Hz	P1 MAX		I MAX 2 x A	Q=m³/h	0	1.2	2.4	3.6	4.8	6	7.2	8.4			
				2x kW	2x HP		Q=l/min	0	20	40	60	80	100	120	140			
2 ESYBOX MINI WITH ESYTWIN MINI	60218781	2.718	1x220-240 V ~	0.85	1.1	4.8	H (m)	55	55	54	45	34	26	16	6	1" 1/4	1" 1/4	37

APPLICATIONS



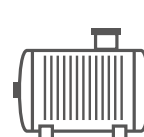
2 ESYbox Mini with Esytwini Mini

Up to 7 apartments with one bathroom across 3 floors.
Indicative data. Refer to the technical catalogue or DNA for correct sizing.

SUITABLE FOR PUMPING WATER FROM:



PITS UP TO 8
METRES DEEP



RAINWATER
COLLECTION
TANKS



CISTERNS



AQUEDUCT
where permitted by
law

SINGLE ESYBOX
FOOTPRINT
44 x 27 x 24 cm

SOUND
PRESSURE** 45
db(A)



KIT FOOTPRINT
75 x 61 x 27 cm



** Sound pressure measured at a distance of 1 metre in free field.

*** Supplied unassembled.

discover esybox LINE



2 ESYBOX WITH ESYTWIN

ELECTRONIC BOOSTER SET



2 EsyBox with EsyTwin is the electronic unit for water pressurization in domestic and residential installations. Compact and fully integrated, it requires no additional components for installation: it consists of two self-priming multistage pumps with variable frequency drive-controlled electronics, pressure and flow sensors, a high-resolution LCD and one built-in 2-litre expansion tank per pump. Once the desired pressure is set, the variable frequency drive keeps it constant regardless of the demand. The carefully selected materials (ABS), water-cooled motor and anti-vibration feet make it a low noise product (43 dB). Connectivity is built-in and the wireless module facilitates the creation of up to 4-pump booster sets. Control and monitoring is possible with the H₂D app and web portal for display and management of parameters, settings and comfort functions. It is also possible to receive alarms via e-mail or app notifications.

The kit consists of 2 EsyBox and 1 EsyTwin. Components are supplied unassembled.

Operating range

Flow rate up to 14.4 m³/h; head up to 65 m.

Pumped liquid clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Maximum liquid temperature 40 °C.

Maximum ambient temperature +50 °C.

Maximum suction depth

self-priming up to 8 metres.

Maximum working pressure 8 bar (800 kPa).

Protection degree IPX4.

Insulation class F.



ONLINE
TRAINING



BUILT-IN
CONNECTIVITY

REMOTE MONITORING

Via web portal and
H₂D App

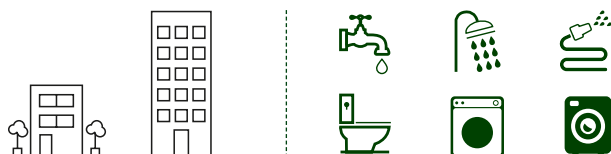


H2D
PAGE 11

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PAGE 121

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA																	DNA GAS	DNM GAS	WEIGHT KG
			POWER SUPPLY 50 - 60 Hz	P1 MAX		I MAX 2 x A	Q=m³/h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8	12	13.2	14.4						
				2 x kW	2 x HP																Q=l/min	0	20			
KIT 2 ESYBOX + ESYTWIN ***	60218693	4.127	1x220-240V ~	1.4	1.9	10	H(m)	65	63.5	61.5	59.5	57	53	48	41.5	35	27.5	19	10	2	1" 1/4	1" 1/4	66			

APPLICATIONS



2 Esybox with EsyTwin

Up to 30 apartments with one bathroom across 3 floors.
Indicative data. Refer to the technical catalogue or DNA for correct sizing.

CERTIFICATIONS



SUITABLE FOR PUMPING WATER FROM:



PITS UP TO 8 METRES DEEP



RAINWATER COLLECTION
TANKS



CISTERNS



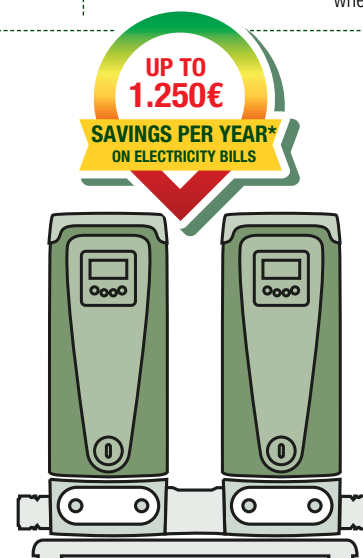
AQUEDUCT
where permitted by law

SINGLE ESYBOX
FOOTPRINT
68 x 29 x 35 cm

SOUND
PRESSURE** 43
db(A)



KIT FOOTPRINT
23 x 75 x 35 cm



UP TO
1.250€
SAVINGS PER YEAR*
ON ELECTRICITY BILLS

discover **esybox LINE**



* Calculated with a price of 0.25 €/kWh, compared to a conventional autoclave (or booster set) under average conditions of use.

** Sound pressure measured at a distance of 1 metre in free field.

*** Supplied unassembled.

2 ESYBOX WITH ESYTWIN

ELECTRONIC BOOSTER SET



2 ESYBOX WITH ESYTWIN MEETS THE SAME NEEDS AS A WIDE RANGE OF PRESSURE SETS

Kit 2 EsyBox with EsyTwin
60218693



COMPACT DIMENSION



HIGH EFFICIENCY

CONSTANT PRESSURE SETS - 2 KVC, 2 JET, 2 EURO, 2 EURO INOX - AD PLUS

	MODEL	CODE
	2 KVC A.D. 30/50 M	60122650
	2 KVC A.D. 55/50 M	60122651
	2 KVC A.D. 30/80 M	60122656
	2JET A.D. 132 M	500140040
	2JET A.D. 151 M	500140070
	2EURO A.D. 40/80 M	500140280
	2EUROINOX A.D. 40/80 M	500140380
	2EURO A.D. 50/50 M	500140260
	2EUROINOX A.D. 50/50 M	500140360

PRESSURE SETS - 2 JET

	MODEL
	2 JET 102 M
	2 JET 132 M
	2 JET 151 M
	2 JET 151 T
	2 JET 251 M
	2 JET 251 T

PRESSURE SETS - 2 EURO, 2 EURO INOX

	MODEL
	2 EURO 40/50 M
	2 EURO 50/50 M
	2 EURO 40/80 M
	2 EURO 40/80 T
	2 EUROINOX 40/50 M
	2 EUROINOX 50/50 M
	2 EUROINOX 40/80 M
	2 EUROINOX 40/80 T

PRESSURE SETS - 2 K

	MODEL
	2 K35/40 M
	2 K45/50 M
	2 K55/50 M

PRESSURE SETS - 2 KVC

	MODEL	CODE
	2KVC 30/50 M 230-50	60122127
	2KVC 45/80 M 230-50	60122134

esybox max

The most compact and integrated booster set available on the market compared with any traditional solution



REMOTE MONITORING
via web portal
and H₂D app



ESYBOXLINE.COM

DAB
MAKING WATER EASY

ESYBOX MAX

ELECTRONIC PRESSURIZATION SYSTEM



Integrated pumping system for civil and commercial pressurization. Available in three power sizes, the system consists of **modular elements** that allow different configurations: single, double, triple or quadruple (using an accessory kit for connecting two double bases), so as to cover the needs of medium/large apartment blocks and tall buildings (even over 14 floors).

Each unit consists of the hydraulic connection base and the pumping unit, which includes an electronic vertical multi-impeller pump, display, Wi-Fi module, pressure sensors, delivery non-return valve and expansion tank, **fully integrated**.

The innovative support base of the pumping unit and wireless communication between the pumps allow **the unit to be built directly at the installation site (O.S.A. concept)** even by just one person. The variable frequency drive keeps the pressure constant by varying the motor speed according to demand, and thanks to the water-cooled permanent magnet motor, it enables greater efficiency and energy savings.

The large display allows easy configuration of operating parameters with the possibility of viewing them on a smartphone: control and monitoring is possible with the H₂D app and web portal for display and management of parameters, settings and comfort functions. It is also possible to receive alarms via e-mail or app notifications. The expansion module (esy I/O, available as an accessory) means ESYBOX MAX can interface with BMS.

Operating range

up to 17.4 m³/h (single pump); head up to 96 m.

Type of liquid pumped clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Liquid temperature +50°C.

Maximum ambient temperature +55°C.

Maximum inlet pressure 5 bar.

Nominal pressure (PN) 12 bar / 1200 kPa.

Maximum differential pressure

9.4 bar (85/120); 6.7 bar (60/120); 5.7 bar (45/120)

Pressure regulation range 1-12 bar (factory setting 3 bar).

Maximum suction height 4m (with foot valve).

Motor protection degree IPX5.

Insulation class F.

Impeller construction material

technopolymer with stainless steel shim rings

Single-phase power supply 208-240V 50/60 Hz.

Three-phase power supply 380-480V 50/60 Hz.

Type of installation possible fixed, vertical.

Certifications WRAS, NSF61, ACS

esybox max

H2D
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* Internal laboratory tests show that the electric motor has efficiency comparable to efficiency class IE5.

MODEL (pump unit only)	CODE	PRICE €	ELECTRICAL DATA				DNA GAS	DNM GAS	DELTA P MAX		SET POINT	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 - 60 Hz	P1 MAX		In A			Hmax m.w.c.	bar			
				kW	HP								
ESYBOX MAX 45/120 M	60217358	3.280	1x208-240 V ~	1.97	2.68	9.4	1"1/4 / 2"	1"1/4 / 2"	58	5.7	1-12	29	6
ESYBOX MAX 45/120 T	60217356	3.280	3x380-480 V ~	1.93	2.59	3.4	1"1/4 / 2"	1"1/4 / 2"	58	5.7	1-12	29	6
ESYBOX MAX 60/120 M	60199039	3.999	1x208-240 V ~	2.68	3.6	12,5-11,5	1"1/4 / 2"	1"1/4 / 2"	69	6.7	1-12	29	6
ESYBOX MAX 60/120 T	60199035	3.999	3x380-480 V ~	2.65	3.5	4.4	1"1/4 / 2"	1"1/4 / 2"	69	6.7	1-12	29	6
ESYBOX MAX 85/120 T	60195100	4.867	3x380-480 V ~	3.5	4.7	5.6	1"1/4 / 2"	1"1/4 / 2"	96	9.4	1-12	30	6

MODEL	CODE	PRICE €	WEIGHT KG	QTY PER PALLET
ESYDOCK MAX	60195200	510	9	12
2 ESYDOCK MAX	60198332	885	18	6
3 ESYDOCK MAX	60198333	1.293	27	3



ESYDOCK



2 ESYDOCK



3 ESYDOCK

APPLICATIONS



45/120 model

Up to 20 apartments with one bathroom across 4 floors

60/120 model

Up to 35 apartments with one bathroom across 4 floors

85/120 model

Up to 45 apartments with one bathroom across 4 floors

Indicative data. Refer to the technical catalogue or DNA for correct sizing.

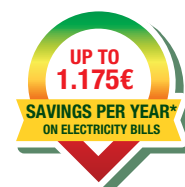
CERTIFICATIONS



SUITABLE FOR PUMPING WATER FROM: NO SELF-PRIMING



CISTERNS

AQUEDUCT
where permitted by law

* Calculated with a price of 0.25 €/kWh and referring to ESYBOX MAX 85/120, compared to a conventional autoclave (or booster set) under average conditions of use.

discover esybox line



ESYBOX MAX

ELECTRONIC PRESSURIZATION SYSTEM



SELECTION TABLE

MODEL	Q=m³/h	0.012	2.4	3.6	4.8	6	7.2	8.4	9	9.6	10.8	11.4	14.4	17.4
	Q=l/min	0.2	40	60	80	100	120	140	150	160	180	190	240	290
ESYBOX MAX 45/120 M	H (m)	58	58	58	58	52	45	38.5	35.5	32.3	26	23	7	-
ESYBOX MAX 60/120 M		69	69	69	69	69	61	53	50	46.5	40.5	37.2	21	3.9
ESYBOX MAX 85/120 T		96	96	96	96	96	84	75	71	65	56.7	51.6	29	9

MODEL	Q=m³/h	0.024	4.8	7.2	9.6	12	14.4	16.8	18	19.2	21.6	22.8	28.8	34.8
	Q=l/min	0.4	80	120	160	200	240	280	300	320	360	380	480	580
2 ESYBOX MAX 45/120	H (m)	58	58	58	58	52	45	38.5	35.5	32.3	26	23	7	-
2 ESYBOX MAX 60/120		69	69	69	69	69	61	53	50	46.5	40.5	37.2	21	3.9
2 ESYBOX MAX 85/120 T		96	96	96	96	96	84	75	71	65	56.7	51.6	29	9

MODEL	Q=m³/h	0.036	7.2	10.8	14.4	18	21.6	25.2	27	28.8	32.4	34.2	43.2	52.2
	Q=l/min	0.6	120	180	240	300	360	420	450	480	540	570	720	870
3 ESYBOX MAX 45/120	H (m)	58	58	58	58	52	45	38.5	35.5	32.3	26	23	7	-
3 ESYBOX MAX 60/120		69	69	69	69	69	61	53	50	46.5	40.5	37.2	21	3.9
3 ESYBOX MAX 85/120 T		96	96	96	96	96	84	75	71	65	56.7	51.6	29	9

MODEL	Q=m³/h	0.048	9.6	14.4	19.2	24	28.8	33.6	36	38.4	43.2	45.6	57.6	69.6
	Q=l/min	0.8	160	240	320	400	480	560	600	640	720	760	960	1160
4 ESYBOX MAX 45/120	H (m)	58	58	58	58	52	45	38.5	35.5	32.3	26	23	7	-
4 ESYBOX MAX 60/120		69	69	69	69	69	61	53	50	46.5	40.5	37.2	21	3.9
4 ESYBOX MAX 85/120 T		96	96	96	96	96	84	75	71	65	56.7	51.6	29	9

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

ESYBOX MAX

ELECTRONIC PRESSURIZATION SYSTEM



DAB SERVICES

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AIR CONDITIONING

ESYBOX LINE

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AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

Efficiency at the state of the art

The DAB inverter has been combined with a brand new permanent magnet motor. We also designed completely new hydraulics, making it leap ahead in terms of energy efficiency.

20%

Energy Saving



What about logistics

EsyBox Max will improve the storage efficiency in your warehouse.

Where there was once one booster occupying space, you can now fit three in its place, that's three times more efficient!

This allows you to store the full range on one pallet, meaning your customer can pick up an off the shelf booster solution of up to 4 pumps the same day.

That's efficient!



1 PIECE OF 2 KVC - AD PLUS



6 PIECES OF ESYBOX MAX
+
3 PIECES OF 2 ESYDOCK MAX



As quick as a "click"

Install Esydock into your pipework system and simply "plug" your pumps in. A final quick set up via the digital H₂D app completes your installation project.

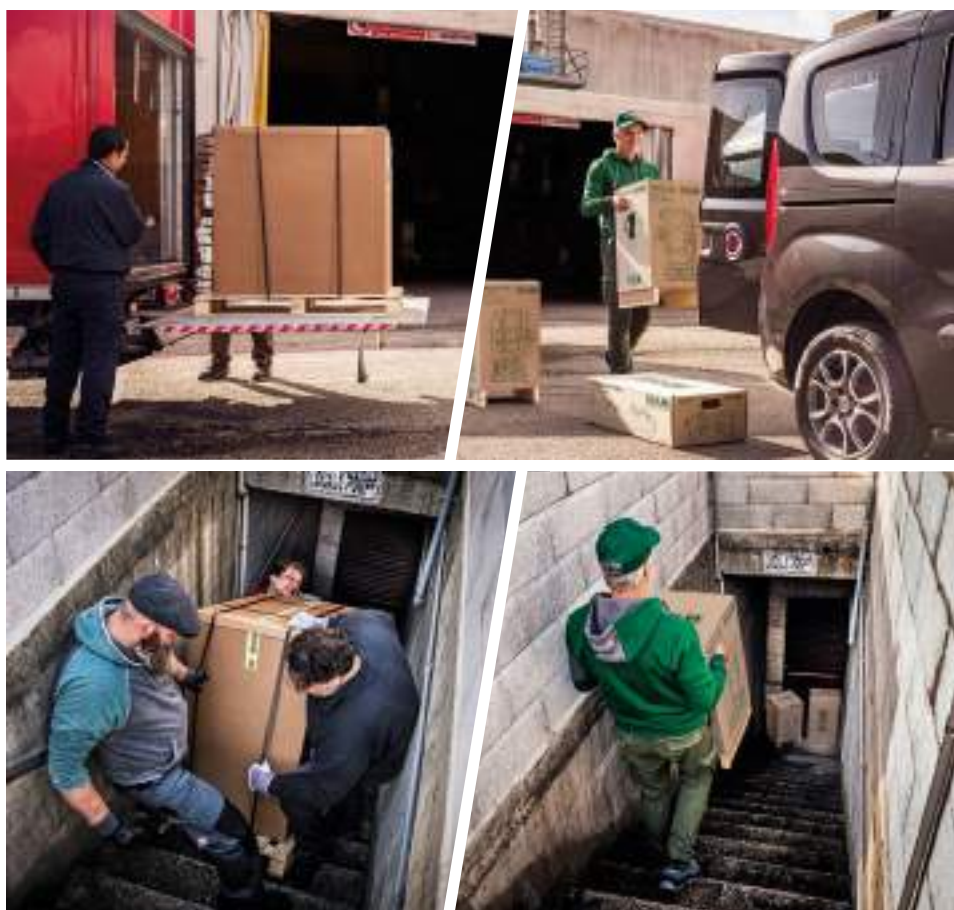


ESYBOX MAX

ELECTRONIC PRESSURIZATION SYSTEM

**Easy to move & install**

Keeping it flexible, we have the On-Site Assembly concept. So if you have difficulties getting to the pumps location, due to narrow stairways and corridors etc., you can choose to assemble your booster on-site which will only require moving smaller lighter boxes into the location then carry out our quick assembly steps.

**Affordable web based remote control for your installation**

You can use your smartphone to connect directly with the pump using the simple interface. It will automatically detect the language, time and unit of measurement at the installation site, which will save you time during the first set up of the system. All adjustments are possible remotely allowing total control with no unwanted surprises. H₂D makes monitoring DAB products easy and intuitive with email and App notifications in case of alarms.



ESYBOX MAX

ELECTRONIC PRESSURIZATION SYSTEM



DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
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VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

CONFIGURATION TABLE

GROUP TOTAL (PUMP UNIT + DOCK)	PUMP UNIT			DOCK		
	MODEL	CODE	Q.TY PUMP UNIT	MODEL	CODE	Q.TY DOCK
 esybox max	ESYBOX MAX 45/120 M	60217358	1 PUMP UNITS 	ESYDOCK MAX 	60195200 1 DOCK	
	ESYBOX MAX 45/120 T	60217356				
	ESYBOX MAX 60/120 M	60199039				
	ESYBOX MAX 60/120 T	60199035				
	ESYBOX MAX 85/120 T	60195100				
 2 esybox max *	ESYBOX MAX 45/120 M	60217358	2 PUMP UNITS 	2 ESYDOCK MAX 	60198332 1 DOCK	
	ESYBOX MAX 45/120 T	60217356				
	ESYBOX MAX 60/120 M	60199039				
	ESYBOX MAX 60/120 T	60199035				
	ESYBOX MAX 85/120 T	60195100				
 3 esybox max	ESYBOX MAX 45/120 M	60217358	3 PUMP UNITS 	3 ESYDOCK MAX 	60198333 1 DOCK	
	ESYBOX MAX 45/120 T	60217356				
	ESYBOX MAX 60/120 M	60199039				
	ESYBOX MAX 60/120 T	60199035				
	ESYBOX MAX 85/120 T	60195100				

* With 2 units of 2 EsyBox Max with the Joint Kit (code 60202520) you obtain the 4 pump units group.

**DIMENSIONS
(PUMP UNIT + DOCK)
77 x 38 x 38 cm**



**SOUND
PRESSURE** 63
db(A)**



**DIMENSIONS (ONLY DOCK)
23 x 38 x 38 cm**

esybox max

**DIMENSIONS
(PUMP UNIT + DOCK)
77 x 81 x 38 cm**



**DIMENSIONS (ONLY DOCK)
23 x 81 x 38 cm**

2 esybox max

**DIMENSIONS
(PUMP UNIT + DOCK)
77 x 125 x 38 cm**



**DIMENSIONS (ONLY DOCK)
23 x 125 x 38 cm**

3 esybox max

To configure the 2, 3, 4 EsyBox Max version you can combine the control panel and the pillar kit to facilitate the electrical sectioning of the pumps.

** Sound pressure measured at 1 meter distance in free field, 50 l/min and 6 bar.

ESYBOX MAX

ELECTRONIC PRESSURIZATION SYSTEM



2 ESYBOX MAX MEETS THE SAME NEEDS AS A WIDE RANGE OF PRESSURE SETS

SETS WITH INVERTER



KVC - AD PLUS SETS	2 ESYBOX MAX
MODEL	MODEL
2KVC A.D. 45/120 M	2 ESYBOX MAX 45/120 M
2KVC A.D. 45/120 T	2 ESYBOX MAX 45/120 T
2KVC A.D. 60/120 T	2 ESYBOX MAX 60/120 T
2KVC A.D. 70/120 T	2 ESYBOX MAX 85/120 T
2KVC A.D. 85/120 T	

ON-OFF SETS



NKV SETS	2 ESYBOX MAX
MODEL	MODEL
2NKV 10/6 S T	2 ESYBOX MAX 60/120 T
2NKV 10/7 S T	
2NKV 10/8 S T	2 ESYBOX MAX 85/120 T
2NKV 10/9 S T	
2NKV 10/10 S T	



KVCXE - MCE-P DCONNECT SETS	2 ESYBOX MAX
MODEL	MODEL
2KVCXE 45/120 T+N MCE/P DCONNECT	2 ESYBOX MAX 45/120 T
2KVCXE 60/120 T MCE/P DCONNECT	2 ESYBOX MAX 60/120 T



NKV WITH EBOX SETS	2 ESYBOX MAX
MODEL	MODEL
2NKV 10/6 T S EBOX 400/50	2 ESYBOX MAX 60/120 T
2NKV 10/7 T S EBOX 400/50	
2NKV 10/8 T S EBOX 400/50	2 ESYBOX MAX 85/120 T
2NKV 10/9 T S EBOX 400/50	
2NKV 10/10 T S EBOX 400/50	



NKVE - MCE-P SETS	2 ESYBOX MAX
MODEL	MODEL
2NKVE 10/6 S T MCE 400-50	2 ESYBOX MAX 60/120 T
2NKVE 10/7 S T MCE 400-50	
2NKVE 10/8 S T MCE 400-50	2 ESYBOX MAX 85/120 T
2NKVE 10/9 S T MCE 400-50	
2NKVE 10/10 S T MCE 400-50	



KVC SETS	2 ESYBOX MAX
MODEL	MODEL
2KVC 45/120 M 230-50	2 ESYBOX MAX 45/120 M
2KVC 45/120 T 400-50	2 ESYBOX MAX 45/120 T
2KVC 60/120 T 400/50	2 ESYBOX MAX 60/120 T
2KVC 70/120 T 400/50	2 ESYBOX MAX 85/120 T
2KVC 85/120 T 400/50	



NKVE - MCE-P DCONNECT SETS	2 ESYBOX MAX
MODEL	MODEL
2NKVE 10/6 S T MCE 400-50	2 ESYBOX MAX 60/120 T
2NKVE 10/7 S T MCE 400-50	
2NKVE 10/8 S T MCE 400-50	2 ESYBOX MAX 85/120 T
2NKVE 10/10 S T MCE 400-50	

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

ACCESSORIES

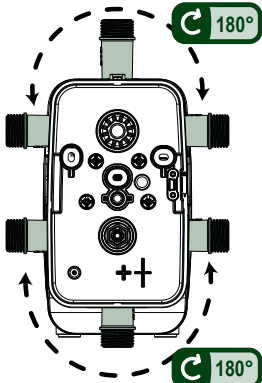
ESYBOX LINE

ESYBOX POP ACCESSORIES

ELECTRONIC PRESSURIZATION SYSTEM

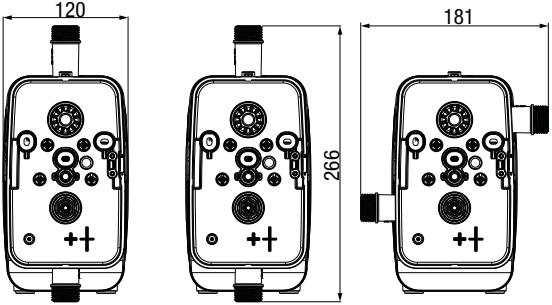
	DESCRIPTION	CODE	PRICE €
	NEW ESYWALL POP Complete wall-mounting kit including bracket, screws, and wall plugs.	60217717	69
	NEW ESYDOCK POP With 4 hydraulic configuration options, it offers even faster, easier and more flexible installation. Comes complete with all the necessary interfaces for connection to the system. Includes wall-mounting kit and bypass connection.	60217710	78

POSSIBILITY OF INSTALLATION WITH ESYDOCK POP



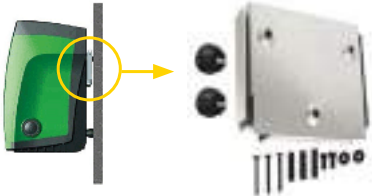


DIMENSIONS (DOCK + PUMP)
26,6 x 12 x 30,3 cm



ESYBOX MINI³ ACCESSORIES

ELECTRONIC PRESSURIZATION SYSTEM

	DESCRIPTION	CODE	PRICE €
	3-PIECE INLET Kit consisting of 2 3-piece inlets to facilitate the connection to the system.	SP00000630	42
	ESyWALL Complete kit with brackets, screws, dowels and two vibration-absorbing accessories.	60161442	102
 77,5 x 19,5 x 27 cm	ESyTWIN MINI Quick connection base for 2 pumps with 4 different hydraulic combinations.	60216881	489



KIT FOOTPRINT
75 x 61 x 27 cm

KIT OUTDOOR	DESCRIPTION	CODE	PRICE €
	ESyCOVER + ESyGRID KIT OUTDOOR ESYBOX MINI³ Consisting of Esycover + Esygrid mini, which allows the EsyBox Mini ³ to be installed outdoors, protecting it from rain and ingress of foreign bodies. Vertical installation only.	60203672	105



ESygrid

STOP GRILLES

Suitable for vertical and horizontal installations.

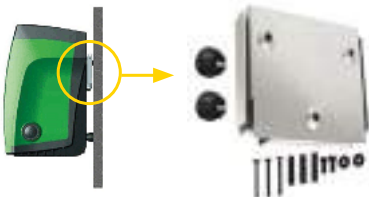
ESYBOX MINI³ ACCESSORIES

ELECTRONIC PRESSURIZATION SYSTEM

	DESCRIPTION	CODE	PRICE €
 * EsyBox Mini³ not included with Esytank 500 Mini 166 x 87 x 60 cm	ESYTANK 500 MINI Specially designed cistern for optimal integration with EsyBox Mini 3 and equipped with - Esydock (dedicated version) for quick connection - suction pipe with foot valve - water mains filling valve with float - overflow - flow connection - provision for ground anchoring - inspection cap 500 L capacity with possibility of expansion on 3 sides.	60219002	1.432
	OPTIONAL CISTERNS FOR ESYTANK The Esytank OPTIONAL CISTERN is supplied without fittings and with provision for the quick connection of the Esybox. The cistern easily couples with other Esytank cisterns making the system expandable to the required capacity. Can be connected on three sides (side and rear) via the Esytank CISTERN COUPLING KIT.	60166063	1.066
 FOR ESYTANK 500 MINI	ESYTANK COUPLING KIT The Esytank cistern coupling kit consists of a PVC sleeve with seal (D.160 mm L=150), two PVC alignment pipes (D.50mm x L=60) and connection ring for 2-pump option. It makes it possible to connect several Esytanks or connect Esytank to Esytank auxiliary cisterns.	60166008	123
 FOR ESYTANK 500 MINI	ESYTANK OPTIONAL DELIVERY KIT Consisting of 1" PP pipe. Enables an optional delivery for single-cistern systems or, in combination with the COUPLING KIT, allows several Esytank and Esybox systems to be connected together and multi-pump pressure sets with several cisterns to be created.	60162079	91
 * EsyBox Mini³ not included with Esytank 300 Mini 115 x 81 x 57 cm	ESYTANK 300 MINI Specially designed cistern for optimal integration with Esybox Mini 3. - Esydock (dedicated version) for quick connection - suction pipe with foot valve - water mains filling valve with float - overflow - flow connection - provision for ground anchoring - inspection cap. Capacity 300 L.	60217732	1.257

ESYBOX ACCESSORIES

ELECTRONIC PRESSURIZATION SYSTEM

	DESCRIPTION	CODE	PRICE €
	3-PIECE INLET Kit consisting of 2 3-piece inlets to facilitate the connection to the system.	SP00000630	42
	ESyWALL Complete kit with brackets, screws, dowels and two vibration-absorbing accessories.	60161442	102
	ESyDOCK With 4 hydraulic configuration options, it offers even faster, easier and more flexible installation. Comes complete with all the necessary interfaces for connection to the system. Anti-vibration feet to ensure the same low noise as Eskybox.	60147247	319
	ESyTWIN A level up from Eskydock, with all the same benefits, for the creation of two-pump sets. Offers outstanding performance through combined operation, with a 50% smaller footprint than any equivalent conventional system.	60160491	609
	ESyTWIN DOUBLE UNION KIT Kit of 2" T-piece suction and delivery manifold fittings to connect 2 Eskytwin and create boosters for up to 4 Eskyboxes. Suction and delivery manifold each consisting of: 2 1 1/4" Nipples 2 Reducers 1 1/4" Female - 2" Male 3 2" 3-piece fittings 1 2" Female T-connector	60184281	564



**DELIVERY AND SUCTION
FITTINGS 1 1/4"**

68 x 29 x 35 cm



**KIT FOOTPRINT
73 x 75 x 35 cm**

ESYBOX ACCESSORIES

ELECTRONIC PRESSURIZATION SYSTEM

KIT OUTDOOR	DESCRIPTION	CODE	PRICE €
	ESYCOVER + ESYGRID KIT OUTDOOR ESYBOX Consisting of Esycover + Esygrid, which allows the EsyBox to be installed outdoors, protecting it from rain and ingress of foreign bodies. Vertical installation only.	60203669	107



ESYgrid

STOP GRILLES

Suitable for vertical and horizontal installations.

ESYCOVER

OUTDOOR INSTALLATION



ESYBOX ACCESSORIES

ELECTRONIC PRESSURIZATION SYSTEM

	DESCRIPTION	CODE	PRICE €
 * EsyBox not included 166 x 87 x 60 cm	ESYTANK Specially designed cistern for optimal integration with Esybox and equipped with: - Esydock (specially versioned) for quick connection. - suction pipe with foot valve - water mains filling valve with float - overflow - flow connection - provision for ground anchoring - inspection cap 500 L capacity with possibility of expansion on 3 sides.	60161819	1.432
	OPTIONAL CISTERNS FOR ESYTANK The Esytank OPTIONAL CISTERN is supplied without fittings and with provision for the quick connection of the Esybox. The cistern easily couples with other Esytank cisterns making the system expandable to the required capacity. Can be connected on three sides (side and rear) via the Esytank CISTERN COUPLING KIT.	60166063	1.066
 FOR ESYTANK	ESYTANK COUPLING KIT The Esytank cistern coupling kit consists of a PVC sleeve with seal (D.160 mm L=150), two PVC alignment pipes (D.50mm x L=60) and connection ring for 2-pump option. It makes it possible to connect several Esytanks or connect Esytank to Esytank auxiliary cisterns.	60166008	123
 FOR ESYTANK	ESYTANK OPTIONAL DELIVERY KIT Consisting of 1" PP pipe. Enables an optional delivery for single-cistern systems or, in combination with the COUPLING KIT, allows several Esytank and Esybox systems to be connected together and multi-pump pressure sets with several cisterns to be created.	60162079	91
 * EsyBox non includes with Esytank 300 115 x 81 x 57 cm	ESYTANK 300 Specially designed cistern for optimal integration with Esybox and equipped with: - Esydock (specially versioned) for quick connection. - suction pipe with foot valve - water mains filling valve with float - overflow - flow connection - provision for ground anchoring - inspection cap Capacity 300 L.	60217731	1.257

	DESCRIPTION	CODE	PRICE €
	NEW ESY I/O - V2 Electronic expansion module for external connection via analog, digital, or Modbus protocol.	60219806	751

ESYBOX DIVER ACCESSORIES

ELECTRONIC PRESSURIZATION SYSTEM

GROUPING: E7			
	DESCRIPTION	CODE	PRICE €
	NFC LEVEL SENSOR Connected to the DConnect Box 2, it monitors the water level in the tank and communicates it to the user via the app.	60184570	98

GROUPING: AA			
	DESCRIPTION	CODE	PRICE €
	NFC FLOAT Detects the water level in the tank, preventing the tank from being emptied and the pump from running dry due to too low a water level.	60184577	87
	SUCTION KIT FOR X VERSION Combined with the X version, it allows water to be drawn up to a level that prevents the pumping of dust and sludge from the bottom of pits and tanks.	60195974	213
	DOC68 With DOC68, DTron can also be installed outdoors as an IP68-certified surface pump.	60192274	98

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETS

END SUCTION AND
VERTICAL MULTISTAGE PUMPS

DRAINAGE
AND SEWAGE

GROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

ESYBOX MAX ACCESSORIES

ELECTRONIC PRESSURIZATION SYSTEM

	DESCRIPTION		ESYBOX MAX	2 ESYBOX MAX	3 ESYBOX MAX	4 ESYBOX MAX	CODE	PRICE €
	ESY I/O The electronic expansion module that allows Esybox Max to interface with external input/output devices (e.g. float, pressure switch, remote alarm) and with BMS (Building Management System).		•	•	•	•	60200914	751
	ELECTRICAL CONTROL PANELS Electrical connection panels for 2 or 3 pumps complete with thermomagnetic circuit breakers for supplying multi-pump sets. Can be installed on the wall or directly on Esybox Max units using the dedicated support	ELECTRICAL PROTECTION PANEL 2G5,2 M 230V		• 1 x 230 V		• 2 x 1 x 230 V	60201595	221
		ELECTRICAL PROTECTION PANEL E2G7 T 400V		• 3 x 400 V		• 2 x 3 x 400 V	60201596	256
		ELECTRICAL PROTECTION PANEL E3G7.8 M 230V			• 1 x 230 V		60206676	305
		ELECTRICAL PROTECTION PANEL E3G10.5 T 400V			• 3 x 400 V		60201597	374
	COLUMN KIT Column for mounting the electrical control panel directly on the frame of the multi-pump system.			•	•	• 2 x	60201600	215
	2 X 2 ESYBOX MAX JOINT KIT Kit consisting of 2 3-piece inlets and 2 2" nipples to connect the delivery and suction of a pair of 2 Esydock max for the creation of 4-unit Esybox sets.					•	60202520	173

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

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NOTES

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VARIABLE SPEED CONTROL UNIT



NGDRIVE

VARIABLE SPEED CONTROL UNIT
(CIRCULATION AND PRESSURIZATION)

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ADAC

VARIABLE SPEED CONTROL UNIT
WALL MOUNTING
(PRESSURIZATION)

EA

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MCE-C

VARIABLE SPEED CONTROL UNIT
DIRECT ASSEMBLY ON ELECTRIC MOTOR
(CIRCULATION)

ED

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ACTIVE DRIVER PLUS

VARIABLE SPEED CONTROL UNIT
MOUNTING ON PUMP DELIVERY
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MCE-P

VARIABLE SPEED CONTROL UNIT
DIRECT ASSEMBLY ON ELECTRIC MOTOR
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ED

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ELECTRICAL CONTROL PANELS



NGPANEL

ELECTRONIC PROTECTION AND CONTROL PANELS
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EBOX

ELECTRONIC PROTECTION AND CONTROL PANELS
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ON-OFF CONTROL DEVICES



QUICK PRESS

ON-OFF CONTROLLER FOR ELECTRIC PUMPS

AR

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CONTROL-D

ON-OFF CONTROLLER
FOR ELECTRIC PUMPS

AR

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ACCESSORIES

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ngdrive

THE NEXT GENERATION VARIABLE FREQUENCY DRIVE CONTROL AND SAVINGS FOR PRESSURE BOOSTING AND CIRCULATION

H2D Download on the App Store
ANDROID APP ON Google play

DAB'S DIGITAL SOLUTION ARE EVOLVING!

Overview

Pressure	Flow	Frequency	Power
10.3 bar	87.5 l/min	73 Hz	21.4 kW

Connect > ☰

DAB

DABPUMPS.COM

DAB
MAKING WATER EASY

NGDRIVE

VARIABLE SPEED CONTROL UNIT



Control unit with colour display. Different applications can be managed with a single software. The same control unit can manage pressurization systems or circulation systems, the type can be selected in the initial menu (wizard). NgDrive is installed directly on the wall without the use of additional accessories, thanks to the wall mounting plate provided. NgDrive can control in-line pumps in heating or air-conditioning systems, pumps for domestic hot water circulation, and pumps for pressurization in residential and commercial installations. The control unit allows performance to be adapted to the actual demands of the system and, thanks to a gradual decrease in speed, protects the pump from water hammer. Cooling via a built-in fan provides protection against overheating. The revolutions of the pump motor are matched to demand, saving energy and reducing component wear. The graphical display allows easy reading of operations and a wizard start-up menu facilitates system start-up. Adaptable to existing systems, it is also used in systems with submersible pumps for pressurizing water. Built-in Wi-Fi module. Control and monitoring is possible with the H₂D App and web portal platform for display and management of parameters, settings and other functions.

Single-phase power supply

1 x 220 - 240 V +/- 10% 50/60 Hz

Three-phase power supply

3 x 380 - 480 V +/- 10%

50/60 Hz 3 x 230 V +/- 10% 50/60 Hz

Maximum operating current

6 A (M/T 1.1kW) 10.5 A (M/T 2.2 kW) 8 A (T/T

3.5 kW) 10.5 A (T/T 230V 2.2 kW)

Protection degree IP 55

Ambient operating temperature

0°C + 50°C

Communication protocols

RS485 MODBUS RTU

Built-in connectivity

WIFI - BLUETOOTH

Communication between drives (up to 6) is wireless

ngdrive



REMOTE MONITORING
Via web portal and
H₂D App



H2D
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ACCESSORIES
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MODEL	CODE	PRICE €	MAX. RATED CURRENT TO MOTOR A	INPUT VOLTAGE VAC	OUTPUT VOLTAGE VAC
NGDRIVE 6A M/T 220-240V 50/60 1.1KW	60211460	1.511	6	1 x 220-240 +/- 10%	3 x 230
NGDRIVE 10.5A M/T 220-240V 50/60 2.2KW	60211457	2.388	10.5	1 x 220-240 +/- 10%	3 x 230
NGDRIVE 10.5A T/T 220-240V 50/60 2.2KW	60211458	2.583	10.5	3 x 220-240 +/- 10%	3 x 230
NGDRIVE 8A T/T 380-400V 50/60 3.5 KW	60211459	2.483	8	3 x 400 +/- 10%	3 x 400

DAB SMART SYSTEM

NgDrive used in conjunction with DAB Virtual Cockpit and H₂D, it takes user experience to the next level, providing pump control from any location, optimising the relevant procedure, which becomes extremely simple, intuitive and effective: this means fast setup, direct status monitoring, and immediate alarm warnings on screen.

Connected to the internet, NgDrive harnesses all its potential for increasingly flexible, smarter system control.



H₂D allows you to access the integrated experience of DAB smart systems, giving you the ability to connect your devices and use many of the main digital functionalities for free.



MCE-C

VARIABLE SPEED CONTROL UNIT



MCE-C are variable frequency drives for managing circulation pumps and are characterised by their ease of use, power, simple installation and operation.

MCE-C are variable frequency drives designed to manage circulation pumps, allowing simple differential pressure adjustment and enabling the performance of the circulation pump to be adapted to the actual demands of the system. They are mounted on the bottom of the motor. This makes pump installation with MCE-C particularly quick and easy.

Easy programming is ensured by the use of a user-friendly graphical interface.

MCE-C variable frequency drives have a dual microprocessor architecture that guarantees maximum efficiency and reliability.

MCE-C variable frequency drives protect the pump and have built-in protections to extend the pump's service life as they eliminate water hammer and make the pump run at the minimum speed capable of meeting the user's requirements.

Finally, they create energy savings by making the pump consume only the power strictly necessary to meet the user's demands.

They are sold with the kit needed to mount them on the pump except the pressure differential sensor.

Equipped with communication for the creation of twin sets.

If the P-v proportional differential pressure control mode is required, please specify the electric pump model on which the variable frequency drive will be installed.

To create twin sets, the connection cable must be ordered separately.

Boost function: used to run the pumps simultaneously or alternately every 24 h.

Control at constant T°C*

Control at constant T*

* The temperature sensor is not included.

Quick pump start-up function to ensure immediate flow and avoid boiler blockage during start-up.

Communication protocols:

- RS485 MODBUS RTU
- DConnect



ONLINE
TRAINING



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MODEL	CODE	PRICE €	MAXIMUM MECHANICAL PUMP (P2) POWER kW	MAX. RATED CURRENT MOTOR A	MIN. RATED CURRENT MOTOR A	POWER SUPPLY 50 Hz	ELECTRIC PUMP POWER SUPPLY	DIM. MOTOR (MEC)	WEIGHT kg
MCE/C 30	60144660	2.827	3	7.5	2.0	Three-phase 3x400	Three-phase 3x400	100	7.6
MCE/C 55	60144662	3.562	5.5	13.5	2.0	Three-phase 3x400	Three-phase 3x400	112 132	7.6
MCE/C 110	60144664	4.991	11.0	24	2.0	Three-phase 3x400	Three-phase 3x400	132 160	12
MCE/C 150	60144665	6.719	15.0	32	2.0	Three-phase 3x400	Three-phase 3x400	160	12

MCE-P

VARIABLE SPEED CONTROL UNIT



DAB SERVICES

HEATING AND
AIR CONDITIONING

EASYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING



MCE-P are variable frequency drives for managing pressurization pumps in complex professional applications. MCE-Ps can control three-phase pumps up to 15kW.

Combine simplicity with the robustness and power of the variable frequency drive. Mounted on the pump, these devices must be equipped with pressure sensors and **optionally with flow sensors**.

The latter provides better pressure regulation.

Booster sets can also be assembled with these models.

The **MCE-P** range combines comfort and savings, integrates all protections, and is easy to install and configure.

MCE-P are air-cooled.

MCE-P provide maximum comfort and increase the system's average service life, while also allowing high energy savings of up to 60%.

Easily mounted in existing systems and can work with all pumps except submersible ones. In addition, with MCE-P it is possible to create sets with up to 8 pumps interchanging.



ONLINE
TRAINING



ACCESSORIES
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MODEL	CODE	PRICE €	MAXIMUM MECHANICAL PUMP (P2) POWER KW	MAX. RATED CURRENT MOTOR A	MIN. RATED CURRENT MOTOR A	POWER SUPPLY 50 Hz	ELECTRIC PUMP POWER SUPPLY	DIM. MOTOR (MEC)	WEIGHT kg
MCE/P 30	60145922	2.826	3	7.5	2.0	Three-phase 3x400	Three-phase 3x400	100	7.6
MCE/P 55	60145923	3.562	5.5	13.5	2.0	Three-phase 3x400	Three-phase 3x400	112 132	7.6
MCE/P 110	60145924	4.991	11.0	24	2.0	Three-phase 3x400	Three-phase 3x400	132 160	12
MCE/P 150	60145925	6.589	15.0	32	2.0	Three-phase 3x400	Three-phase 3x400	160	12

ADAC

VARIABLE SPEED CONTROL UNIT



ADAC are variable frequency drives designed for **HEAVY DUTY PROFESSIONAL APPLICATIONS**.

Can control three-phase pumps up to 15 kW.

Combine the simplicity of the **ADAC** series with the robustness and power of the variable frequency drive.

Mounted in the panel, these devices must be equipped with pressure sensors and optionally with a flow sensor.

The latter provides better pressure regulation.

Booster sets can also be assembled with these models.

The **ADAC** range combines comfort and savings, integrates all protections, and is easy to install and configure.

ADAC are air-cooled. Extremely robust panel-mounted variable frequency drives, with a metal body and suitable for heavy-duty use.

Ensure maximum comfort and increase the system's average service life.

ADAC



ONLINE
TRAINING



ACCESSORIES
PAGE 143

MODEL	CODE	PRICE €	Maximum Mechanical Pump (P2) Power kW	MAX. RATED CURRENT MOTOR A	MIN. RATED CURRENT MOTOR A	POWER SUPPLY 50 Hz	ELECTRIC PUMP POWER SUPPLY 50 - 200 Hz	WEIGHT kg
ADAC T/T 3.0	60145525	2.438	3	9	2	3x400	3x400	7.6
ADAC T/T 4.0	60145526	2.737	4	11	2	3x400	3x400	7.6
ADAC T/T 5.5	60145527	3.080	5.5	15	2	3x400	3x400	7.6
ADAC T/T 7.5	88002773	4.088	7.5	22	2	3x400	3x400	12
ADAC T/T 11	88002774	4.339	11	31	2	3x400	3x400	12
ADAC T/T 15	88002775	5.745	15	41	2	3x400	3x400	12

ACTIVE DRIVER PLUS

VARIABLE SPEED CONTROL UNIT



Active Driver Plus are variable frequency drives for monitoring and controlling hydraulic pumps and are designed for constant pressure pumping systems: domestic, industrial and agricultural. The OLED display provides an extremely user-friendly graphical interface. Viewing or changing any parameter is extremely simple, which simplifies maintenance. Installation is very simple thanks to the installation wizard, the variable frequency drive prompts the user for the necessary parameters to be configured. Active Driver Plus enable a reduction in electricity consumption thanks to variable frequency drive technology, while at the same time ensuring maximum comfort through constant pressure. They are extremely versatile as they do not require external sensors and non-return valves. They have a built-in pressure sensor, flow switch and non-return valve.

The advantages of Active Driver Plus are:

- comfort through constant pressure.
- energy savings thanks to variable frequency drive technology.
- lower noise
- compact size
- all protections built-in: dry run, amperometric, abnormal voltage, overheat and frost.

Line voltage

115V and 230V single-phase, 400V three-phase.

Electric pump voltage

115V and 230V single-phase, 230V and 400V three-phase.

Power supply frequency 50 Hz - 60 Hz.

Installation

vertical or horizontal (M/M and M/T only).

Maximum liquid temperature +50°C.

Max operating temperature 50 °C

Max flow rate 18m³/h.

Max pressure 13 bar.

Pressure regulation range 1 to 13 bar.

Suction diameter (DNA) 1 1/4" male.

Delivery diameter (DNM) 1 1/2" female.

Protection degree IP55.

Communication interface for sets

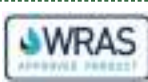
YES one Active Driver Plus per pump.

No non-return valve required. Equipped with graphical display

ACTIVEDRIVER PLUS



ONLINE
TRAINING



MODEL	CODE	PRICE €	MAX MOTOR CURRENT A	MAX MOTOR POWER KW	POWER SUPPLY 50 Hz V	ELECTRIC PUMP POWER SUPPLY	COMMUNICATION INTERFACE FOR SETS	USE WITH PUMP TYPE	PRESSURE REGULATION BAR	WEIGHT kg	QTY PER PALLET
ACTIVE DRIVER PLUS M/M 1,1	60149661	828	8.5	1.1	1x230	1x230	YES	Surface, submersible 4" and 5" pumps with single-phase motor and motor absorption up to 8.5 A	1-9	3.5	32
ACTIVE DRIVER PLUS M/M 1.5/DUAL VOLTAGE	60170688	1.231	11	0,55 1,5	1x115 1x230	1x115 1x230	YES	Surface, submersible 4" and 5" pumps with single-phase motor and motor absorption up to 11 A	1-9	3.5	32
ACTIVE DRIVER PLUS M/M 1.8/DUAL VOLTAGE	60170689	1.407	14	1,0 1,8	1x115 1x230	1x115 1x230	YES	Surface, submersible 4" and 5" pumps with single-phase motor and motor absorption up to 14 A	1-9	3.8	32
ACTIVE DRIVER PLUS M/T 1	60169777	1.221	4.7	1	1x230	3x230	YES	Surface, submersible 4" and 5" pumps with three-phase 230V motor and motor absorption up to 4.7 A	1-9	3.5	32
ACTIVE DRIVER PLUS M/T 2,2	60170687	1.553	10.5	2.2	1x230	3x230	YES	Surface, submersible 4" and 5" pumps with three-phase 230V motor and motor absorption up to 10.5 A	1-13	3.5	32
ACTIVE DRIVER PLUS T/T 3	60169808	2.113	7.5	3	3x400	3x400	YES	Surface, submersible 4" and 5" pumps with three-phase 400V motor and motor absorption up to 7.5 A	1-13	4.5	32
ACTIVE DRIVER PLUS T/T 5,5	60170715	2.637	13.3	5.5	3x400	3x400	YES	Surface, submersible 4" and 5" pumps with three-phase 400V motor and motor absorption up to 13.3 A	1-13	4.6	32

ngpanel

THE NEXT GENERATION CONTROL PANEL
TO MANAGE DRAINAGE AND FILLING PUMPS



DABPUMPS.COM

DAB
MAKING WATER EASY

NGPANEL

ELECTRONIC PROTECTION AND CONTROL PANELS



Electrical control panel for the protection and automatic operation of one or two submersible pumps, both single-phase and three-phase, in residential, commercial and livestock installations. Thanks to the possibility of current adjustment, the panel is compatible with all pump models supplied with current between 1 and 29 A as shown in the product compatibility table.

A wizard on the display or other connected devices enables pump start-up in just a few steps.

All configuration, control and alarm display is also done directly on a smartphone via the app, or on a web portal from a PC, via H₂D App and web portal platform digital services.

Built-in Bluetooth and Wi-Fi connectivity. Modbus support.

In the absence of a Wi-Fi connection, a USB Wi-Fi modem can be used, powering it directly from the dedicated USB port inside the panel.

Single-phase power supply 1 x 230 V

Three-phase power supply 3x400 V 50 Hz

Protection degree IP55

Maximum ambient temperature -10 °C + 50 °C

Starting capacitor supplied as accessory KIT

Communication protocols

RS485 MODBUS RTU

Built-in connectivity

WIFI - BLUETOOTH

ngpanel



REMOTE MONITORING
Via web portal and
H₂D App



H2D
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ACCESSORIES
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MODEL	CODE	PRICE €	POWER SUPPLY 50/60 Hz	START-UP	MAXIMUM CURRENT SINGLE PUMP A
NGPANEL 1 PUMP 29 A	60212822	890	1 x 230 V 3 x 400 V	DIRECT	29 12
NGPANEL 2 PUMPS 20 A	60212821	1.154	1 x 230 V 3 x 400 V	DIRECT	20 12
NGPANEL 2 PUMPS 12 A	60211088	1.137	1 x 230 V 3 x 400 V	DIRECT	12 12

DAB SMART SYSTEM

NgPanel used in conjunction with **DAB Virtual Cockpit** and **H₂D**, it takes user experience to the next level, providing pump control from any location, optimising the relevant procedure, which becomes extremely simple, intuitive and effective: this means fast setup, direct status monitoring, and immediate alarm warnings on screen.

Connected to the internet, **NgPanel** harnesses all its potential for increasingly flexible, smarter system control.



H₂D allows you to access the integrated experience of DAB smart systems, giving you the ability to connect your devices and use many of the main digital functionalities for free.



EBOX

ELECTRONIC PROTECTION AND CONTROL PANELS



DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING



EBox Plus is an electronic control panel for the protection and automatic operation of one or two submersible or pressurization electric pumps, both single-phase and three-phase, in domestic, civil and industrial installations.

Thanks to the possibility of current adjustment, the **EBox** panel is compatible with all pump models supplied with current between 1 and 12 A and power up to 5.5 kW as shown in the product compatibility table.

EBox Basic is an electronic control panel for the protection and automatic operation of one or two submersible single-phase electric pumps for domestic installations.

The **EBox** panel is compatible with all pump models with current between 1 and 12 A and power up to 2.2 kW as shown in the product compatibility table.

Nominal supply voltage

EBox Plus 1x 230 V / 3 x 230 V - 3 x 400 V (automatic selection).

EBox Basic 1x 230 V.

Frequency 50 - 60 Hz.

Maximum operating power

EBox Plus 5.5 kWatt +5.5 kWatt.

EBox Basic 2.2 kWatt +2.2 kWatt.

Maximum operating current 12 A +12 A.

Starting capacitor

supplied as accessory KIT.

Maximum ambient temperature

+ 40°C.

Protection degree IP55.

ebox



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ACCESSORIES
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MODEL	CODE	PRICE €	POWER SUPPLY 50 HZ	START-UP	MAXIMUM CURRENT SINGLE PUMP A
EBOX BASIC 230/50-60	60163214	690	1 X 230V	DIRECT	12+12
EBOX PLUS 230-400V/50-60	60163215	860	1 X 230V 3 X 230V 3 X 400V	DIRECT	12+12

QUICK PRESS

ON-OFF CONTROLLER FOR ELECTRIC PUMPS



DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

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FIRE FIGHTING



Quick Press is an ON/OFF device that controls the start or stop of the pump according to demand. Stops the pump in the event of a water shortage and protects it from running dry. It is used with surface and submersible pumps. The compact device is reliable and mainly dedicated to residential installations.

Quick Press can be mounted directly on the pump or between the pump and the first point of use: it starts and stops the pump according to ON/OFF demand. In the event of a power failure, the device automatically resets itself when power returns.

Single-phase power supply

1x230 Vac (+/- 10%) 50/60 Hz

Maximum operating power 1.1 - 2.2 kW

Maximum operating current 12 A

Protection degree IP65

MODEL	CODE	PRICE €	CALIBRATION PRESSURE bar	DNA GAS	DNM GAS	WEIGHT KG	QTY PER PALLET
QUICKPRESS 1.1 - 2.2 KW 1X230V WIRELESS	60219664	165	1.5	1"	1"	1.3	288

GROUPING: AP

ACCESSORIES

	DESCRIPTION	CODE	PRICE €
	SCHUKO CABLE KIT - SCHUKO 150 CM - 50 CM	60219671	31
	SCHUKO CABLE KIT - FERRULES 150 CM - 68 CM	60219672	31
	KIT UK PLUG 150 CM - 3 PIN CABLE 68 CM	60219674	31
	QUICK CONNECTOR 1" GAS M/F	60219675	15

CONTROL D-SET - CONTROL D G-SET

ON-OFF CONTROLLER FOR ELECTRIC PUMPS



CONTROL D G-SET



CONTROL D-SET

Pump control and protection device, for use in residential installations for pressurization systems, gardens and small allotment irrigation.

Automatically starts and stops the pump based on the opening or closing of a utility, stops the pump in the event of a water shortage and protects it from running dry.

Equipped with automatic reset in the event of a blockage and an anti-blocking function.

Maintenance-free. To be installed on the delivery.

Fitted with lights indicating the operating and water shortage alarm status.

Single-phase power supply

115 V / 230 V 50 / 60 Hz

Maximum operating power 0.75 kW (1 HP)

1x115 V - 1.5 kW (2 HP) 1 x 230 V

Maximum operating current 10 A

Protection degree IP 65

Temperature (water/ambient) 65 °C

Connectors Male 1"

Minimum flow 1 l/m

Maximum working pressure 12 bar

MODEL	CODE	PRICE €
CONTROL-D SET 1.5 KW WITHOUT CABLE	60180510	235
CONTROL-D GSET 1.5 KW WITHOUT CABLE + MANOMETER	60180931	273
CONTROL-D 1.5 BAR 1.5 KW WITHOUT CABLE	60180505	198
CONTROL-D 1.2 BAR 1.5 KW WITHOUT CABLE	60180503	198
CONTROL-D 2.2 BAR 1.5 KW WITHOUT CABLE	60180506	198

ACCESSORIES

CONTROL UNIT

VARIABLE SPEED CONTROL UNIT ACCESSORIES

NGDRIVE INSTALLATION NOTES

SINGLE INSTALLATION (accessories to be ordered)	MULTIPLE INSTALLATIONS (accessories to be ordered)
Circulation: pressure differential sensor Pressurization: pressure sensor (optional: flow sensor, flow sensor bracket, flow sensor cable)	Circulation: pressure differential sensor
MULTIPLE INSTALLATIONS 2 TO 6 DRIVES (accessories to be ordered)	
Pressurization: pressure sensor (note: due to the wireless connection between the drives, the use of a pressure sensor for each drive installed is recommended)	

MCE-C INSTALLATION NOTES

SINGLE INSTALLATION (accessories to be ordered) sensor cable provided with the product	MULTIPLE INSTALLATIONS (accessories to be ordered)
- pressure differential sensor	- pressure differential sensor - connection cable

ADAC - MCE-P INSTALLATION NOTES

SINGLE INSTALLATION (accessories to be ordered)	MULTIPLE INSTALLATIONS 2 to 8 Variable frequency drives* (accessories to be ordered)
- pressure sensor OPTIONAL: flow sensor, flow sensor bracket, flow sensor cable.	- pressure sensor - connection cable (as many as needed to connect the number of variable frequency drives installed e.g. 7 connection cables for 8 variable frequency drives).
* CAUTION: as an option, several pressure sensors can be mounted (minimum 1 on one variable frequency drive, max 1 per variable frequency drive). Option: flow sensor, flow sensor bracket, flow sensor cable. * CAUTION: only 1 flow sensor can be mounted on the delivery manifold or 1 flow sensor on the delivery of each pump.	

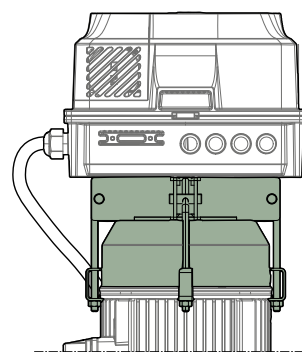
PRESSURE SENSORS	DESCRIPTION	NGDRIVE	MCE/C	ADAC	MCE/P	CODE	PRICE €
	PRESSURE DIFFERENTIAL SENSOR 4BAR HUBA ©	•	•			60144674	824
	PRESSURE DIFFERENTIAL SENSOR 10BAR HUBA ©	•	•			60144675	821
	PRESSURE SENSOR 25 BAR COMPLETE WITH CABLE (2 M)	•		•	•	60146289	289
	PRESSURE SENSOR 25 BAR COMPLETE WITH CABLE (4 M)	•		•	•	88002533	314
	PRESSURE SENSOR 4-20 MA - 25 BAR WIRED (1.5 M)	•		•	•	60162878	278
	KIT TEMPERATURE SENSOR CPL -IN LINE 3M CABLE	•				60231759	224
	KIT TEMPERATURE SENSOR CPL -IN LINE 5M CABLE	•				60231760	239
	INPUT FILTER NGDRIVE M/T 6-10,5 A 1X230 V 50/60 HZ	•				60242965	350
	OUTPUT FILTER NGDRIVE M/T 6-10,5 A 3X230 V 50/60 HZ	•				60242966	391

*Only for circulation applications.

NGDRIVE

ASSEMBLY KIT

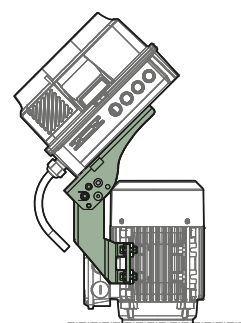
ASSEMBLY KIT - TOP	DESCRIPTION	CODE	PRICE €
	NGDRIVE BRACKET KIT MOTOR ASSEMBLY SIZE 71-80-90	60219370	168
	NGDRIVE BRACKET KIT MOTOR ASSEMBLY SIZE 100-112	60219517	168
	NGDRIVE FAN COVER KIT MOTOR ASSEMBLY SIZE 71	60219371	93
	NGDRIVE FAN COVER KIT MOTOR ASSEMBLY SIZE 80	60219372	93



ASSEMBLY KIT - TOP (Codes to be ordered)	NGDRIVE BRACKET KIT ASSEMBLY ON MOTOR SIZE 71-80-90	NGDRIVE BRACKET KIT ASSEMBLY ON MOTOR SIZE 100-112	NGDRIVE FAN COVER KIT ASSEMBLY ON MOTOR SIZE 71	NGDRIVE FAN COVER KIT ASSEMBLY ON MOTOR SIZE 80
	60219370	60219517	60219371	60219372
DAB MCE REPLACEMENT ON SIZE 71-80-90 MOTORS	•			
DAB MCE REPLACEMENT ON SIZE 100-112 MOTORS		•		
PUMP WITH DAB MOTOR SIZE 71	•		•	
PUMP WITH DAB MOTOR SIZE 80	•			•
PUMP WITH DAB MOTOR SIZE 90	•			
PUMP WITH LAFERT/AEG MOTOR SIZE 71-80-90	•			
PUMP WITH MOTOR BY OTHER MANUFACTURERS SIZE 71-80-90*	•			•
PUMP WITH DAB/LAFERT/AEG MOTOR SIZE 100-112		•		
PUMP WITH MOTOR BY OTHER MANUFACTURERS 100-112*		•		

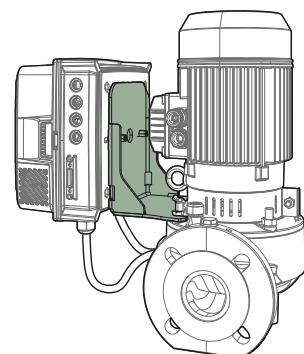
* **NOTE:** the use of a metal fan cover is highly recommended.
Size 90 DAB motors and all Lafert / AEG motors are already fitted with metal fan covers as standard.
NgDrive can be installed on the wall without additional accessories (brackets).

KIT FOR NKV	DESCRIPTION	CODE	PRICE €
	NGDRIVE-NKV-LAFERT/AEG BRACKET KIT SIZE 71	60219373	140
	NGDRIVE-NKV-LAFERT/AEG BRACKET KIT SIZE 80	60219374	140
	NGDRIVE-NKV-LAFERT/AEG BRACKET KIT SIZE 90	60219375	140



NOTE: These kits can **ONLY** be used with Lafert / AEG motors.

KIT FOR CP2 / CM2	DESCRIPTION	CODE	PRICE €
	NGDRIVE-INLINE-LAFERT/AEG BRACKET KIT SIZE 71	60219376	140
	NGDRIVE-INLINE-LAFERT/AEG BRACKET KIT SIZE 80	60219377	140
	NGDRIVE-INLINE-LAFERT/AEG BRACKET KIT SIZE 90	60219378	140
	NGDRIVE-INLINE-LAFERT/AEG BRACKET KIT SIZE 100-112	60219522	140



NOTE: These kits can **ONLY** be used with Lafert / AEG motors.

VARIABLE SPEED CONTROL UNIT ACCESSORIES

FLOW SENSORS	DESCRIPTION	NGDRIVE	ADAC	MCE/P	CODE	PRICE €
	FLOW SENSOR F3H13 (NOT INCLUDING CABLE)	•	•	•	60146290	931
	FLOW SENSOR F3H15 (NOT INCLUDING CABLE)	•	•	•	60146291	1.134

FLOW SENSOR BRACKET	DESCRIPTION	NGDRIVE	ADAC	MCE/P	CODE	PRICE €
	FLOW SENSOR BRACKET F3H13 FOR PLASTIC TUBE 2" (63 MM)	•	•	•	88002228	264
	FLOW SENSOR BRACKET F3H13 FOR PLASTIC TUBE 2 1/2" (75 MM)	•	•	•	88002229	278
	FLOW SENSOR BRACKET F3H13 FOR PLASTIC TUBE 3" (90 MM)	•	•	•	88002227	279
	FLOW SENSOR BRACKET F3H13 FOR PLASTIC TUBE 4" (110 MM)	•	•	•	88002154	283
	FLOW SENSOR BRACKET F3H15 FOR PLASTIC TUBE 6" (160 MM)	•	•	•	88002236	289
	FLOW SENSOR BRACKET F3H13 FOR METAL TUBE 2" (63 MM)	•	•	•	88002442	333
	FLOW SENSOR BRACKET F3H13 FOR METAL TUBE 3" (88.9 MM)	•	•	•	88002152	340
	FLOW SENSOR BRACKET F3H13 FOR METAL TUBE 4" (114.3 MM)	•	•	•	88002153	345
	FLOW SENSOR BRACKET F3H15 FOR METAL TUBE 6" (168.3 MM)	•	•	•	88002440	350
	FLOW SENSOR BRACKET F3H15 FOR METAL TUBE 8" (219.1 MM)	•	•	•	88002439	353

CABLES	DESCRIPTION	NGDRIVE	ADAC	MCE/P	MCE/C	CODE	PRICE €
	PRESSURE SENSOR CABLE MCE 1 MT				•	60120929	23
	PRESSURE SENSOR CABLE MCE 2 MT				•	60145637	28
	FLOW SENSOR CABLE 2 M	•	•	•		60146292	60
	FLOW SENSOR CABLE 4 M	•	•	•		88002311	46
	FLOW SENSOR CABLE 10 M	•	•	•		88002617	71
	FLOW SENSOR CABLE 32 M	•	•			88002618	198
	FLOW SENSOR CABLE 49 M	•	•			88002619	279
	FLOW SENSOR CABLE 99 M	•	•			88002621	522
	CABLE PRESSURE SENSOR 0-5V NGDRIVE 2 MT.	•				60243683	50
	CABLE PRESSURE SENSOR 0-5V NGDRIVE 4 MT.	•				60243684	66
	CABLE PRESSURE SENSOR 0-5V NGDRIVE 10 MT.	•				60243685	112
	RATIOMETRIC PRESSURE SENSOR CABLE 4 M		•	•		88002310	45
	RATIOMETRIC PRESSURE SENSOR CABLE 10 M		•	•		88002614	76
	RATIOMETRIC PRESSURE SENSOR CABLE 32 M		•			88002615	198
	RATIOMETRIC PRESSURE SENSOR CABLE 49 M		•			88002616	279
	RATIOMETRIC PRESSURE SENSOR CABLE 99 M		•			88002620	522
	CABLE FOR ADAC CONNECTION		•			88002479	15
	CABLE FOR MCE TWIN CONNECTION			•		60144673	68

NGPANEL - EBOX ACCESSORIES

ELECTRICAL CONTROL PANELS

FLOATS	DESCRIPTION	CODE	PRICE €
	FLOAT - 5 METRES	159260030	42
	FLOAT - 10 METRES	159260040	73
	FLOAT - 15 METRES	159260050	104
	FLOAT - 20 METRES	159260070	135
	BULB-FLOAT - 10 METRES	002718000	168
	BULB-FLOAT - 20 METRES	002718001	238

LEVEL TRANSDUCER	DESCRIPTION	CODE	PRICE €
	PRESSURE TRANSDUCER 0-5 M - 20 M. EBOX CABLE	60114675	377

LEVEL PROBE	DESCRIPTION	CODE	PRICE €
	ELECTRODE PROBE Suitable for conductive liquids with a maximum temperature of +40°C. To be connected with 1.5 mm² cable - 550 V insulation. Sensitivity: ≤ 53 kOhm.	002775000	39

PRESSURE SWITCH	DESCRIPTION	CODE	PRICE €
	PRESSURE SWITCH FOR DRY RUN PROTECTION	002717002	118

NGPANEL - EBOX ACCESSORIES

ELECTRICAL CONTROL PANELS

CAPACITOR KIT	DESCRIPTION	CODE	PRICE €
	CAPACITOR KIT 40UF (EBOX)	60169268	106
	CAPACITOR KIT 30UF (EBOX)	60169269	74
	CAPACITOR KIT 20UF (EBOX)	60169270	69

ALARM	DESCRIPTION	CODE	PRICE €
	ORANGE FLASHING LIGHT 230V With 5W incandescent bulb.	60169271	149

PRESSURE SENSOR	DESCRIPTION	CODE	PRICE €
	PRESSURE TRANSMITTER 16 BAR EBox used in pressurization.	60116837	193

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETS

END SUCTION AND
VERTICAL MULTISTAGE PUMPS

DRAINAGE
AND SEWAGE

GROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

VARIABLE SPEED CONTROL UNIT ACCESSORIES



1x

Max 2x

+



1x

+



1x
each variable
frequency drive /
group

MODEL	Codes and prices are available for consultation on page 134
MCE-C	

MODEL	CODE	PRICE €
DCONNECT BOX	60172819	599

MODEL	CODE	PRICE €
CABLE FOR MCE CONNECTION 2 M + CABLE GLAND	60188147	45

Only MCE-C with the DConnect READY sticker are compatible with DConnect



1x

Max 8x

+



1x

+



1x
each variable
frequency drive /
group

MODEL	Codes and prices are available for consultation on page 135
MCE-P	

MODEL	CODE	PRICE €
DCONNECT BOX	60172819	599

MODEL	CODE	PRICE €
CABLE FOR MCE CONNECTION 2 M + CABLE GLAND	60188147	45

Only MCE-P with the DConnect READY sticker are compatible with DConnect



1x

Max 8x

+



1x

+



1x
each variable
frequency drive /
group

MODEL	Codes and prices are available for consultation on page 136
ADAC	

MODEL	CODE	PRICE €
DCONNECT BOX	60172819	599

MODEL	CODE	PRICE €
CABLE FOR ADAC CONNECTION 2 M	60188150	38

Only MCE-P with the DConnect READY sticker are compatible with DConnect

VARIABLE SPEED CONTROL UNIT ACCESSORIES



1x

+



1x

+



1x
each variable
frequency drive /
group

Max 8x

MODEL	Codes and prices are available for consultation on page 137	MODEL	CODE	PRICE €	MODEL	CODE	PRICE €
ACTIVE DRIVER PLUS		DCONNECT BOX	60172819	599	CONNECTION CABLE AD PLUS 5 M + CABLE GLAND	60188148	41
Requires the following version update: VE 2.X or later					SPECIAL CABLE FOR A SECOND SET 5 M + CABLE GLAND	60189926	29

MODEL		CODE	PRICE €
	ETHERNET CABLE 2M (TO BE USED FOR LAN CONNECTION)	60188146	34
	DCONNECT BMS ADAPTER KIT (MODBUS RTU RS485)	60198693	271
	MINI UPS POWER SUPPLY KIT FOR DCONNECT BOX	60198905	176
	DCONNECT BOX PANEL (DCONNECT BOX INCLUDED)	60198153	727

NOTES

DIVERTRON + DTRON

A WINNING TEAM

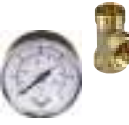


FROM **DIVERTRON** TO **DTRON**, WE HAVE BROUGHT TO THE MARKET
EFFICIENT, RELIABLE, AND VERSATILE PRODUCTS.

Electronic on/off pumps offering the most functional solutions for every type of
installation, thanks also to a set of modular and built-in accessories.

DAB
MAKING WATER EASY

CONTENTS - WATER PRESSURIZATION

	JET, JET INOX, JET COM SELF-PRIMING CENTRIFUGAL PUMPS		AQUAJET, AQUAJET INOX AUTOMATIC SELF-PRIMING BOOSTER SETS
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	DP DEEP SUCTION PUMPS		DIVERTEK MULTI-IMPELLER SUBMERSIBLE PUMPS
A3	PAGE 157	DF	PAGE 168
	GARDEN JET, GARDEN INOX, GARDEN COM SELF-PRIMING CENTRIFUGAL PUMPS		DIVERTRON ELECTRONIC MULTI-IMPELLER SUBMERSIBLE PUMPS
A4	PAGE 158	AA-EZ	PAGE 169
	EURO, EURO INOX, EURO COM MULTISTAGE CENTRIFUGAL PUMPS		DTRON 2 ELECTRONIC MULTI-IMPELLER SUBMERSIBLE PUMPS
AJ - AM - AL	PAGE 159	AA	PAGE 170
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	JET, JET INOX, EURO INOX - M-P CENTRIFUGAL PUMPS FITTED		NBB ASSEMBLY KIT FOR STORAGE AND PRESSURIZATION
AN - AO	PAGE 162	DJ - AP	PAGE 172
	KPS, KPF PERIPHERAL PUMPS		ACTIVE SWITCH RAIN WATER SYSTEM
AB	PAGE 163	A5	PAGE 173
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	JET, JET INOX, EURO INOX - CONTROL-D AUTOMATIC ON/OFF PRESSURIZATION SYSTEMS		ACCESSORIES
DD	PAGE 165		PAGE 175
	JET COM, EURO INOX - CONTROL-D GSET AUTOMATIC ON/OFF PRESSURIZATION SYSTEMS		
DD	PAGE 166		

JET, JET INOX, JET COM

SELF-PRIMING CENTRIFUGAL PUMPS



JET



JET INOX



JET COM

Self-priming centrifugal pump with excellent suction capacity even in the presence of air bubbles.

Particularly suitable for water supply in domestic systems, small-scale agriculture, gardening and in general where the self-priming function is required.

Jet: cast iron pump body.

Jet Inox: stainless steel pump body.

Jet Com: technopolymer pump body.

Cast iron motor support, technopolymer impeller, diffuser, venturi tube and sand guard. Stainless steel shim rings. Carbon/ceramic mechanical seal. Asynchronous motor, enclosed and cooled by external ventilation. Built-in thermo-amperometric protection and permanently inserted capacitor for the single-phase version. For the protection of the three-phase motor, we recommend the use of a motor protector in accordance with current standards.

Operating range

0.4 to 10.5 m³/h with head up to 62 metres.

Liquid temperature range

0°C to +35°C for domestic use (EN 60335-2-41).

0°C to +40°C for other uses.

Pumped liquid clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Maximum ambient temperature +40°C.

Maximum working pressure

6 bar (600 kPa) for Jet and Jet Com.

8 bar (800 kPa) for Jet Inox and Jet 200, 300, 151, 251.

Protection degree IP44 (IP55 at terminal board).

Insulation class F.

THREE-PHASE MOTORS	P2	< 0.75 kW	IE2
		≥ 0.75 kW < 75 kW	IE3
		≥ 75 kW	IE4

SINGLE-PHASE MOTORS	P2	≥ 120 W	IE2

QUICK PRESS
PAGE 141

ACCESSORIES
PAGE 175

JET

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA											DNA GAS	DNM GAS	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOMINAL		In A	Q=m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8					
					KW	HP		Q=l/min	0	10	20	30	40	50	60	70	80					
JET 62 M	60213255H	286	1x230 V	0.7	0.55	0.75	3.2	H(m)	42	35	29.2	25.6	22.9	21.1				1"	1"	10.5	28	
JET 82 M	60213265H	283	1x230 V	0.8	0.55	0.75	3.9		47	40	34	30	26.2	23.5	20.3				1"	1"	10.7	28
JET 82 T	60204049H	284	3X230-400 V~	0.82	0.6	0.82	2,9 - 1,7		47	40	34	30	26.2	23.5	20.3				1"	1"	10.7	28
JET 102 M	60212473H	333	1x230 V	1.02	0.75	1	4.5		53.8	47	41	36.3	32.4	28.8	25.8				1"	1"	12.5	28
JET 102 T	60179394H	353	3X230-400 V~	1.03	0.75	1	3.4-2		53.8	47	41	36.3	32.4	28.8	25.8				1"	1"	12.5	28
JET 112 M	60212477H	369	1x230 V	1.2	0.85	1.15	5.7		61	54	47.8	42.8	38.8	34.8	20				1"	1"	13.5	28
JET 112 T	60179414H	378	3X230-400 V~	1.35	1	1.36	4,1-2,4		61	54	47.8	42.8	38.8	34.8	20				1"	1"	13.5	28
JET 92 M	60213269H	327	1x230 V	0.9	0.55	0.75	4.1		36.2	33.5	31	28.4	26	24	21.8	19.6	17		1"	1"	11.7	28
JET 132 M	60212475H	361	1x230 V	1.37	0.85	1.15	6		48.3	45.6	42.8	40	37.6	35	32.5	30	27.2		1"	1"	13.5	28
JET 132 T	60179413H	378	3X230-400 V~	1.37	1	1.36	4,3-2,5		48.3	45.6	42.8	40	37.6	35	32.5	30	27.2		1"	1"	13.5	28

JET INOX

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA											DNA GAS	DNM GAS	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOMINAL		In A	Q=m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8					
					Kw	HP		Q=l/min	0	10	20	30	40	50	60	70	80					
JETINOX 82 M	60213256H	345	1x230 V	0.8	0.55	0.75	3.9	H(m)	47	40	34	30	26.2	23.5	20.3			1"	1"	7.8	28	
JETINOX 82 T	60204048H	338	3X230-400 V~	0.82	0.6	0.82	2.9-1.7		47	40	34	30	26.2	23.5	20.3			1"	1"	7.8	28	
JETINOX 102 M	60212511H	397	1x230 V	1.02	0.75	1	4.5		53.8	47	41	36.3	32.4	28.8	25.8			1"	1"	9.6	28	
JETINOX 102 T	60179395H	408	3X230-400 V~	1.04	0.75	1	3.3-1.9		53.8	47	41	36.3	32.4	28.8	25.8			1"	1"	9.6	28	
JETINOX 112 M	60212533H	414	1x230 V	1.2	0.85	1.15	5.7		61	54	47.8	42.8	38.8	34.8	20			1"	1"	10.6	28	
JETINOX 112 T	60179416H	425	3X230-400 V~	1.35	1	1.36	4.3-2.5		61	54	47.8	42.8	38.8	34.8	20			1"	1"	10.6	28	
JETINOX 92 M	60213260H	375	1x230 V	0.9	0.55	0.75	4.1		36.2	33.5	31	28.4	26	24	21.8	19.6	17.5	1"	1"	8.8	28	
JETINOX 132 M	60212534H	414	1x230 V	1.37	0.85	1.15	6		48.3	45.6	42.8	40	37.6	35	32.5	30	27.2	1"	1"	10.6	28	
JETINOX 132 T	60179415H	425	3X230-400 V~	1.43	1	1.36	4.7-2.7		48.3	45.6	42.8	40	37.6	35	32.5	30	27.2	1"	1"	10.6	28	

JET, JET INOX, JET COM

SELF-PRIMING CENTRIFUGAL PUMPS



JET COM

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA												DNA GAS	DNM GAS	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOMINAL		In A	Q=m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8						
					KW	HP		Q=l/min	0	10	20	30	40	50	60	70	80						
JETCOM 62 M	60213271H	277	1x230V	0.7	0.55	0.75	3.2	H(m)	42	35	29.2	25.6	22.9	13				1"	1"	7.5	28		
JETCOM 82 M	60213266H	285	1x230V	0.8	0.55	0.75	3.9		47	40	34	30	26.2	23.5	20				1"	1"	7.7	28	
JETCOM 102 M	60212474H	338	1x230V	1.02	0.75	1	4.5		53.8	47	41	36.3	32.4	28.8	25.8				1"	1"	9.5	28	
JETCOM 102 T	60179396H	349	3X230-400V~	1.04	0.75	1	3,3-1,9		53.8	47	41	36.3	32.4	28.8	25.8				1"	1"	9.5	28	
JETCOM 92 M	60213272H	315	3X230-400V~	1.04	0.75	1	3,3-1,9		53.8	47	41	36.3	32.4	28.8	25.8				1"	1"	9.5	28	
JETCOM 132 M	60212525H	357	1x230V	1.37	0.85	1.15	6		48.3	45.6	42.8	40	37.6	35	32.5	30	27.2		1"	1"	10.5	28	
JETCOM 132 T	60179417H	364	3X230-400V~	1.43	1	1.36	4,7-2,7		48.3	45.6	42.8	40	37.6	35	32.5	30	27.2		1"	1"	10.5	28	

JET 200...251



JET 151, 251



JET 200, 300

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA															DNA GAS	DNM GAS	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOMINAL		In A	Q=m³/h Q=l/min	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	6	7.2	9	9.6	10.5				
					Kw	HP			0	10	20	30	40	50	60	70	80	100	120	150	160	175				
JET 151 M	60211567	800	1x230V	1.41	1.1	1.5	6.3	H(m)	61	58.2	56	53	50	46	43	36							1 1/4"	1"	31	18
JET 151 T	60179886	761	3X230-400V~	1.56	1.1	1.5	5,5-3,2		61	58.2	56	53	50	46	43	36							1 1/4"	1"	31	18
JET 200 M	60211843	796	1x230V	2.01	1.1	1.5	9.07		41			37.5	36.5	35.2	34	33	31.8	29.5	27.2	24	22.8	21.3	1 1/2"	1 1/4"	27.1	18
JET 200 T	60179888	753	3X230-400V~	2.1	1.5	2	6,4-3,7		41			37.5	36.5	35.2	34	33	31.8	29.5	27.2	24	22.8	21.3	1 1/2"	1 1/4"	27.6	18
JET 251 M	60211842	912	1x230V	2.21	1.1	1.5	10		62	60	58	56	54	51	48.5	46	43.5	39	34.2				1 1/4"	1"	35	15
JET 251 T	60179885	861	3X230-400V~	2.1	1.85	2.5	6,4-3,7		62	60	58	56	54	51	48.5	46	43.5	39	34.2				1 1/4"	1"	30.8	18
JET 300 M	60211911	838	1x230V	2.58	1.8	2.45	11.6		51			48	47	46	44.5	43	42	40	37	33	32	29	1 1/2"	1 1/4"	31.5	15
JET 300 T	60179887	779	3X230-400V~	2.5	2.2	3	7,4-4,3		51			48	47	46	44.5	43	42	40	37	33	32	29	1 1/2"	1 1/4"	19	18

SELF-PRIMING AND MULTISTAGE CENTRIFUGAL PUMPS

SELECTION TABLES

DP

HYDRAULIC DATA (n ~ 2800 1/min.)																	
MODEL	P2 NOMINAL		EJECTOR TYPE	SUCTION DEPTH	Delivery pressure in bar												
	kW	HP			1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	
					Flow rate table in l/h												
DP 102 M	0.75	1	E 25	9	2386	1756	1097	515	126	–	–	–	–	–	–	–	
				12	1930	1190	536	87	–	–	–	–	–	–	–		
				15	1459	773	252	–	–	–	–	–	–	–	–		
			E 30	12	–	1240	872	566	329	156	–	–	–	–	–	–	
				15	–	1028	701	449	255	96	–	–	–	–	–	–	
				18	–	785	527	302	150	15	–	–	–	–	–	–	
21	–	635	374	180	39	–	–	–	–	–	–	–	–				
DP 151 M - T	1.1	1.5	E 20	9	–	–	–	3470	2890	2220	1500	750	–	–	–	–	
				12	–	–	–	3110	2510	1850	1100	300	–	–	–	–	
				15	–	–	–	2710	2100	1380	640	–	–	–	–	–	
				18	–	–	–	2360	1700	950	–	–	–	–	–	–	
			E 25	15	–	–	–	2800	2330	1830	1350	900	520	–	–	–	–
				18	–	–	–	2530	2050	1550	1090	680	300	–	–	–	–
				21	–	–	–	2280	1800	1300	860	470	–	–	–	–	–
			E 30	21	–	–	–	1820	1650	1410	1160	910	700	520	–	–	–
				24	–	–	–	1680	1520	1260	1020	780	580	420	–	–	–
27	–	–	–	1550	1360	1110	880	680	490	330	–	–	–	–			
DP 251 M - T	1.85	2.5	E 20	9	–	–	–	4300	3600	2900	2180	1400	640	–	–	–	
				12	–	–	–	3750	3140	2540	1700	940	–	–	–	–	
				15	–	–	–	–	2780	2040	1300	500	–	–	–	–	
				18	–	–	–	–	2340	1610	820	–	–	–	–	–	
			E 25	15	–	–	–	–	2920	2400	1900	1400	950	570	–	–	–
				18	–	–	–	–	2600	2110	1620	1150	720	360	–	–	–
				21	–	–	–	–	2350	1850	1350	900	510	–	–	–	–
				24	–	–	–	–	2050	1550	1080	660	300	–	–	–	–
			E 30	21	–	–	–	–	–	1710	1480	1220	980	770	590	420	
				24	–	–	–	–	–	1580	1330	1080	850	670	490	330	
				27	–	–	–	–	–	1440	1200	950	750	560	400	250	
				27	–	–	–	–	–	–	–	–	–	–	–	–	–

M - T = available in SINGLE-PHASE (M) and THREE-PHASE (T) versions.

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

DP

DEEP SUCTION PUMPS



DP 82-102



DP 151-251

Self-priming centrifugal pump for suction of up to 27 metres, by fitting the ejector (to be ordered separately). Cast iron pump body and motor support. Technopolymer impeller and diffuser. Stainless steel shim rings. Carbon/ceramic mechanical seal. Cast iron ejector body, technopolymer venturi tube and brass nozzle. Asynchronous motor, enclosed and cooled by external ventilation. Built-in thermo-amperometric protection and permanently inserted capacitor for the single-phase version. For the protection of the three-phase motor, we recommend the use of a motor protector in accordance with current standards.

Operating range up to 4.3 m³/h

Liquid temperature range

0°C to +40°C for other uses.

0°C to +35°C for domestic use.

Pumped liquid clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Maximum ambient temperature +40°C

Maximum working pressure

6 bar (600 kPa) for DP 82 - DP 102.

8 bar (800 kPa) for DP 151 - DP 251.

Protection degree IP44 (IP55 at terminal board)

THREE-PHASE MOTORS	P2	< 0.75 kW	IE2
		≥ 0.75 kW < 75 kW	IE3
		≥ 75 kW	IE4

SINGLE-PHASE MOTORS	P2	≥ 120 W	IE2

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ACCESSORIES
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MODEL	CODE	PRICE €	ELECTRICAL DATA					WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOMINAL		In A		
					KW	HP			
DP 102 M	60212479H	442	1x230 V	1.02	0.75	1	4.4	13	28
DP 151 M	60211568	742	1x230 V	1.39	1.1	1.5	6.3	28	21
DP 251 M	60211829	856	1x230 V	2.18	1.8	2.45	9.6	32.5	21

GROUPING: AP

DP EJECTORS*

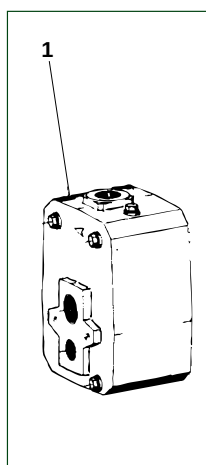
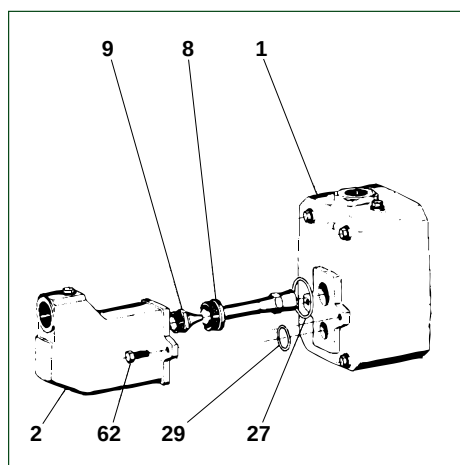
MODEL	CODE	PRICE €	QUANTITY PER PACKAGE
EJECTOR E 20	109200000	81	12
EJECTOR E 25	109200020	81	12
EJECTOR E 30	109200010	81	12



* NOT SUPPLIED WITH THE PUMP, MUST BE ORDERED SEPARATELY.

GROUPING: RI

CONVERSION INSTRUCTIONS



Conversion from DP 151-251 to JET 151-251

Screw the nozzle (9) into the ejector body (2) and then the Venturi tube (8).

Place the O-rings (27) and (29) in their seats and fasten the ejector body (2) to the pump body (1) using the two screws (62).

MODEL	CODE	PRICE €
JET 151 EJECTOR COMPLETE	R00009981	82
JET 251 EJECTOR COMPLETE	R00009983	82

Conversion from JET 151-251 to DP 151-251

Loosen and remove the two screws (62) fastening the ejector body (2) to the pump body (1). Retrieve the O-rings (27) and (29), the Venturi tube (8) and the nozzle (9).

GARDEN JET, GARDEN INOX, GARDEN COM

SELF-PRIMING CENTRIFUGAL PUMPS



DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING



GARDEN JET



GARDEN INOX



GARDEN COM

Portable self-priming centrifugal electropump for gardening, vegetable gardens, washing and hobbies.

Equipped with a handle for easy transport and 2-metre power cable type H07 RN-F complete with plug and switch.

Compact and easy to install, self-priming so that it can take up water from tanks, wells or streams, tolerating air bubbles and water with small particles of sand.

Garden Jet: cast iron pump body and die-cast aluminium motor support.

Garden Com: technopolymer pump body and die-cast aluminium motor support.

Garden Inox: stainless steel pump body. Die-cast aluminium motor support.

Technopolymer impeller, diffuser and Venturi tube.

Stainless steel seal disc and pressure discs.

Carbon/ceramic mechanical seal.

Induction motor, closed and cooled with external ventilation.

Rotor mounted on oversized greased sealed-for-life ball bearings to ensure silent running and long life.

Built-in thermal and current overload protection and a capacitor permanently in circuit.

Manufactured according to CEI 2-3 and CEI 61-69 standards (EN 60335-2-41).

Protection degree IP44

Terminal board protection degree IP55

Insulation class F

Standard voltage

Single-phase 220-240 V / 50 Hz

Operating range

From 0.4 to 5.4 m³/h with head up to 54 metres.

Liquid quality requirements clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallize neutral, close to the characteristics of water.

Liquid temperature range

From 0°C to +35°C for domestic use (EN 60335-2-41).

From 0°C to +40°C for other uses.

Maximum ambient temperature +40°C

Maximum suction depth 8 metres.

Maximum working pressure

8 bar (800 kPa).

6 bar (600 kPa) only for technopolymer models (Jet Com).

Installation

Fixed or portable in a horizontal position.

Special executions on request: other voltages and/or frequencies.

SINGLE-PHASE
MOTORS

P2

≥ 120 W

IE2

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MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA												DNA GAS	DNM GAS	WT. KG	Q.TY x PALLET
			VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	Q=m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8						
					Q=l/min	0		10	20	30	40	50	60	70	80								
GARDENJET 82 M	60213258H	371	1x230 V	0.8	0.55	0.75	3.9	H(m)	47	40	34	30	26.2	23.5	20.3			1"	1"	11	28		
GARDENJET 102 M	60212516H	424	1x230 V	1.02	0.75	1	4.5		53.8	47	41	36.3	32.4	28.8	25.8			1"	1"	12.8	28		
GARDENJET 132 M	60212517H	442	1x230 V	1.37	0.85	1.15	6		48.3	45.6	42.8	40	37.6	35	32.5	30	27.2	1"	1"	13.8	28		
GARDEN-INOX 82 M	60213259H	412	1x230 V	0.8	0.55	0.75	3.9		47	40	34	30	26.2	23.5	20.3			1"	1"	10.7	28		
GARDEN-INOX 102 M	60212518H	466	1x230 V	1.02	0.75	1	4.5		53.8	47	41	36.3	32.4	28.8	25.8			1"	1"	12.5	28		
GARDEN-INOX 132 M	60212519H	480	1x230 V	1.37	0.85	1.15	6		48.3	45.6	42.8	40	37.6	35	32.5	30	27.2	1"	1"	13.5	28		
GARDEN-COM 62 M	60213233H	345	1x230 V	0.7	0.55	0.75	3.2		42.7	35	29.2	25.6	22.9	13				1"	1"	10.7	28		
GARDEN-COM 82 M	60213273H	358	1x230 V	0.8	0.55	0.75	3.9		47	40	34	30	26.2	23.5	20.3			1"	1"	10.7	28		
GARDEN-COM 102 M	60212526H	411	1x230 V	1.02	0.75	1	4.5		53.8	47	41	36.3	32.4	28.8	25.8			1"	1"	12.5	28		

EURO, EURO INOX, EURO COM

MULTISTAGE CENTRIFUGAL PUMPS



EURO



EURO INOX



EURO COM

Multistage centrifugal pump with horizontal shaft, extremely low operating noise, suitable for domestic use for water supply and pressurization, irrigation of gardens and allotments, and general water handling.

Euro: UNI ISO 185 200 cast iron pump body.

Euro Inox: stainless steel pump body.

Euro Com: technopolymer pump body.

Die-cast aluminium motor support, AISI 304 steel seal cover. Carbon/ceramic mechanical seal. AISI 304 steel rotor shaft. Technopolymer impellers, diffuser bodies and diffusers. Stainless steel shim rings.

Motor protection degree IP44.

Terminal board protection degree IP55.

Insulation class F.

Operating range

10 to 120 L/min with head up to 72 m.

Pumped liquid clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral, similar to the characteristics of water.

Liquid temperature range

0°C to +35°C for domestic use

(EN 60335-2-41)

0°C to +40°C for other uses.

Maximum working pressure 8 bar (800 kPa).

Euro Inox self-priming version

THREE-PHASE MOTORS	P2	< 0.75 kW	IE2	SINGLE-PHASE MOTORS	P2	≥ 120 W	IE2
		≥ 0.75 kW < 75 kW	IE3				
		≥ 75 kW	IE4				

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EURO

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA														N° IMPELLERS	DNA GAS	DNM GAS	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOM.		In A	Q=m³h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	6	7.2							
					kW	HP		Q=l/min	0	10	20	30	40	50	60	70	80	100	120							
EURO 25/30 M	60213207	408	1x230 V	0.58	0.55	0.75	2.8	H (m)	34.4	31.7	28.3	23.5	17.5	11						3	1"	1"	10.7	28		
EURO 30/30 M	60213202	445	1x230 V	0.71	0.55	0.75	3.3		46	42.2	37.8	31.2	23.3	14.3						4	1"	1"	12.7	28		
EURO 40/30 M	60213200	504	1x230 V	0.84	0.55	0.75	3.8		57	52.7	47	38.8	29	17.7						5	1"	1"	12.8	28		
EURO 30/50 M	60213201	475	1x230 V	0.83	0.55	0.75	3.8		42.5	40.2	38.2	36.2	33.8	30	24.8	19.5	14			3	1"	1"	11.7	28		
EURO 40/50 M	60212484	561	1x230 V	1.11	0.85	1.15	4.8		57.5	55.3	52.8	50.1	47.1	42.7	35.8	28	19			4	1"	1"	15.6	28		
EURO 40/50 T	60179428	573	3x230-400 V ~	1.07	0.75	1	3.6-2.1		57.5	55.3	52.8	50.1	47.1	42.7	35.8	28	19			4	1"	1"	15.6	28		
EURO 50/50 M	60212485	588	1x230 V	1.31	0.85	1.15	5.7		72	68.5	65.5	62.1	58.2	52.2	43.6	34.5	26			5	1"	1"	16.2	28		
EURO 50/50 T	60179426	607	3x230-400 V ~	1.3	1	1.36	4.1-2.4		72	68.5	65.5	62.1	58.2	52.2	43.6	34.5	26			5	1"	1"	16.2	28		
EURO 30/80 M	60212486	625	1x230 V	1.12	0.85	1.15	4.7		47		46.5	45	43.5	41	38	34.5	31	23	12	4	1"	1"	15.6	28		
EURO 40/80 M	60212487	652	1x230 V	1.31	0.85	1.15	5.5		59		57	56	54	51	47	43.5	39	29.5	16.5	5	1"	1"	16.2	28		
EURO 40/80 T	60179422	672	3x230-400 V ~	1.3	1	1.36	4.1-2.4		59		57	56	54	51	47	43.5	39	29.5	16.5	5	1"	1"	16.2	28		

EURO, EURO INOX, EURO COM

MULTISTAGE CENTRIFUGAL PUMPS



EURO INOX

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA														N° IMPELLERS	DNA GAS	DNM GAS	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOM.		In A	Q=m³h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	6	7.2							
					KW	HP		Q=l/min	0	10	20	30	40	50	60	70	80	100	120							
EUROINOX 25/30 M	60213216H	472	1x230 V	0.58	0.55	0.75	2.8	H (m)	34	31.7	28.3	23.5	17.5	11						3	1"	1"	9.7	28		
EUROINOX 30/30 M	60213219H	510	1x230 V	0.71	0.55	0.75	3.2		46	42.4	37.8	32.2	23.3	14.3						4	1"	1"	11.7	28		
EUROINOX 40/30 M	60213226H	569	1x230 V	0.84	0.55	0.75	3.8		57	52.7	47	38.8	29	17.7						5	1"	1"	11.9	28		
EUROINOX 30/50 M	60213217H	540	1x230 V	0.8	0.55	0.75	3.8		42	40.2	38.2	36.2	33.8	30	24.8	19.5	14			3	1"	1"	10.5	28		
EUROINOX 30/50 T	60204059H	533	3x230-400 V ~	0.79	0.6	0.82	2,8 - 1,7		42	40.2	38.2	36.2	33.8	30	24.8	19.5	14			3	1"	1"	10.5	28		
EUROINOX 40/50 M	60212488H	624	1x230 V	1.11	0.85	1.15	4.8		58	55.3	52.8	50.1	47.1	42.7	35.8	28	19			4	1"	1"	14.6	28		
EUROINOX 40/50 T	60179419H	640	3x230-400 V ~	1.07	0.75	1	3,6-2,1		58	55.3	52.8	50.1	47.1	42.7	35.8	28	19			4	1"	1"	14.6	28		
EUROINOX 50/50 M	60212489H	654	1x230 V	1.31	0.85	1.15	5.7		72	68.5	65.5	62.1	58.2	52.2	43.6	34.5	26			5	1"	1"	15.1	28		
EUROINOX 50/50 T	60179421H	674	3x230-400 V ~	1.3	1	1.36	4,1-2,4		72	68.5	65.5	62.1	58.2	52.2	43.6	34.5	26			5	1"	1"	15.1	28		
EUROINOX 30/80 M	60212490H	684	1x230 V	1.12	0.85	1.15	4.7		47		46.5	45	43.5	41	38	34.5	31	23	12	4	1"	1"	14.6	28		
EUROINOX 30/80 T	60179423H	711	3x230-400 V ~	1.06	0.8	1.1	3,6-2,06		47		46.5	45	43.5	41	38	34.5	31	23	12	4	1"	1"	14.6	28		
EUROINOX 40/80 M	60212491H	718	1x230 V	1.32	0.85	1.15	5.5		59		57	56	54	51	47	43.5	39	29.5	16.5	5	1"	1"	15.1	28		
EUROINOX 40/80 T	60179418H	737	3x230-400 V ~	1.3	1	1.36	4,1-2,4		59		57	56	54	51	47	43.5	39	29.5	16.5	5	1"	1"	15.1	28		

EURO COM

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA										N° IMPELLERS	DNA GAS	DNM GAS	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOM.		In A	Q=m³h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8					
					kW	HP		Q=l/min	0	10	20	30	40	50	60	70	80					
EUROCOM 30/50 M	60213205H	460	1x230V	0.88	0.55	0.75	4	H (m)	42.2	40.2	38.2	36.2	33.8	30	24.8	19.5	14	3	1"	1"	8.8	28
EUROCOM 40/50 M	60212480H	543	1x230V	1.11	0.85	1.15	4.8		57.7	55.3	52.8	50.1	47.1	42.7	35.8	28	19.2	4	1"	1"	11	28

MULTI INOX

HORIZONTAL MULTISTAGE SELF-PRIMING ELECTRIC PUMPS



Multi-impeller self-priming pumps ideal for water supply in domestic and garden applications. High-performance and extremely low noise. Available with 3, 4 and 5 AISI 304 stainless steel impellers. Anti-corrosion and anti-oxidation materials. Motor with thermal overheating protection. Double insulation system between motor and hydraulics. Excellent resistance to low temperatures. Equipped with power cable plus plug.

Liquid temperature range

0°C to +35°C for domestic use (EN 60335-2-41).
0°C to +40°C for other uses.

MOTORS SINGLE-PHASE	P2	≥120 W	IE2

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MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA										N° IMPELLERS	DNA GAS	DNM GAS	WEIGHT KG	QTY PER PALLET	
			POWERSUPPLY 50 Hz	P1 MAX KW	P2 NOM.		In A	Q=m³h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8						5.4
					kW	HP		Q=l/min	0	10	20	30	40	50	60	70	80						90
MULTI INOX 3 M	60213241	547	1x230 V	0.74	0.63	0.85	3.5	H(m)	33	32	30	29	27	22	19	14	10	5	3	1"	1"	8.8	21
MULTI INOX 4 M	60212400	643	1x230 V	0.93	0.63	0.85	4.2		45	42	38	35	31	27	22	17	12	7	4	1"	1"	11.3	21

JET, JET INOX, EURO INOX - M-P

CENTRIFUGAL PUMPS FITTED



DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING



EURO INOX - M-P



JET 151, 251 - T-P

SINGLE-PHASE VERSION

Self-priming pump equipped with gauge, pressure switch, power supply cable with plug and three-way brass fitting for connecting to a tank.

THREE-PHASE VERSION

Self-priming electropump equipped with gauge, pressure switch, overload cutout and three-way brass fitting for connecting to a tank.

Operating range

From 0.4 to 10.5 m³/h with head up to 62 metres.

Liquid quality requirements clean, free from solid or abrasive contaminants, not viscous, not aggressive, not crystallised and chemically neutral, close to the properties of water.

Liquid temperature range from 0°C to +35°C for domestic use (EN 60335-2-41). For other use: from 0°C to +40°C.

Maximum ambient temperature +40°C.

Maximum working pressure 8 bar (800 kPa).

Installation fixed in a horizontal position.

Special designs on request Different frequencies and/or voltages.

Motor protection degree IP44.

Terminal board protection degree IP55.

Insulation class F.

Standard voltage

Single phase 220/240V - 50 Hz.

Three phase 230/400V - 50 Hz.

THREE-PHASE MOTORS	P2	< 0.75 kW	IE2	SINGLE-PHASE MOTORS	P2	≥ 120 W	IE2
		≥ 0.75 kW < 75 kW	IE3				
		≥ 75 kW	IE4				

ACCESSORIES
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JET, JET INOX - M-P

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA															DNA GAS	DNM GAS	WT. KG	Q.TY x PALLET
			VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	Q=m ³ /h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	6	7.2	9	9.6	10.5				
					kW	HP		Q=l/min	0	10	20	30	40	50	60	70	80	100	120	150	160	175				
JET 62 M-P	60213267H	401	1x230V	0.7	0.55	0.75	3.2	H(m)	42	35	29.2	25.6	22.9	21.1									1"	1"	11.5	24
JET 82 M-P	60213268H	411	1x230V	0.8	0.55	0.75	3.9		47	40	34	30	26.2	23.5	20.3								1"	1"	12.1	24
JET 102 M-P	60212521H	459	1x230V	1.02	0.75	1	4.5		53.8	47	41	36.3	32.4	28.8	25.8								1"	1"	13.9	24
JET 132 M-P	60212523H	477	1x230V	1.37	0.85	1.15	6		48.3	45.6	42.8	40	37.6	35	32.5	30	27.2						1"	1"	14.9	24
JET 200 M-P	60211847	900	1x230V	2.01	1.1	1.5	9.07		41			37.5	36.5	35.2	34	33	31.8	29.5	27.2	24	22.8	21.3	1½"	1¼"	27.5	9
JET 200 T-P	60180134	1.440	3x400 V~	2	1.5	2	3.9		41			37.5	36.5	35.2	34	33	31.8	29.5	27.2	24	22.8	21.3	1½"	1¼"	28	9
JET 300 M-P	60211914	946	1x230V	2.58	1.8	2.45	11.6		51			48	47	46	44.5	43	42	40	37	33	32	29	1½"	1¼"	31.5	9
JET 300 T-P	60180135	1.469	3x400 V~	2.7	2.2	3	8.5-4.9		51			48	47	46	44.5	43	42	40	37	33	32	29	1½"	1¼"	31	9
JET 151 M-P	60211569	903	1x230V	1.41	1.1	1.5	6.3		61	58.2	56	53	50	46	43	36							1¼"	1"	31.5	18
JET 151 T-P	60180136	1.448	3x400 V~	1.6	1.1	1.5	5.2-3		61	58.2	56	53	50	46	43	36							1¼"	1"	33	18
JET 251 M-P	60211863	1.016	1x230V	2.21	1.1	1.5	10		62	60	58	56	54	51	48.5	46	43.5	39	34.2				1¼"	1"	36	15
JET 251 T-P	60180137	1.552	3x400 V~	2.2	1.85	2.5	6.9-4		62	60	58	56	54	51	48.5	46	43.5	39	34.2				1¼"	1"	34	15
JET INOX 82 M-P	60213261H	451	1x230V	0.8	0.55	0.75	3.9		47	40	34	30	26.2	23.5	20.3								1"	1"	13.6	18
JET INOX 102 M-P	60212535H	505	1x230V	1.02	0.75	1	4.5		53.8	47	41	36.3	32.4	28.8	25.8								1"	1"	14.8	18
JET INOX 132 M-P	60212536H	522	1x230V	1.37	0.85	1.15	6		48.3	45.6	42.8	40	37.6	35	32.5	30	27.2						1"	1"	15.8	18

EURO INOX - M-P

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA												DNA GAS	DNM GAS	WT. KG	Q.TY x PALLET
			VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	Q=m³h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	6	7.2				
					kW	HP		Q=l/min	0	10	20	30	40	50	60	70	80	100	120				
EUROINOX 30/50 M-P	60213221H	655	1x230 V	0.8	0.55	0.75	3.8	H (m)	42	40.2	38.2	36.2	33.8	30	24.8	19.5	14			1"	1"	11.4	12
EUROINOX 40/50 M-P	60212492H	742	1x230 V	1.11	0.85	1.15	4.8		58	55.3	52.8	50.1	47.1	42.7	35.8	28	19			1"	1"	14.5	12
EUROINOX 30/80 M-P	60212493H	809	1x230 V	1.12	0.85	1.15	4.7		47		46.5	45	43.5	41	38	34.5	31	23	12	1"	1"	14.5	12
EUROINOX 40/80 M-P	60213281H	834	1x230 V	1.32	0.85	1.15	5.5		59		57	56	54	51	47	43.5	39	29.5	16.5	1"	1"	17.5	12

KPS, KPF

PERIPHERAL PUMPS



DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING



KPS

KPF

Front suction

Peripheral type centrifugal pump, small footprint. Capable of generating high heads, it is suitable for domestic and small-scale industrial use.

Cast iron pump body and motor support. Cathaphoresis treated for KPF 30/16 and KPF 45/20 models. Side suction for KPS models, front suction for KPF. Brass impeller. Carbon/ceramic mechanical seal. Asynchronous motor, enclosed and cooled by external ventilation. Built-in thermo-ampereometric protection and permanently inserted capacitor for the single-phase version. For the protection of the three-phase motor, we recommend the use of a motor protector in accordance with current standards.

Operating range

5 to 50 L/min with head up to 84 metres.

Liquid temperature range

0°C to +35°C for domestic use.

-10°C to +50°C for other uses.

Pumped liquid clean, free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Maximum ambient temperature +40°C.

Maximum working pressure 10 bar (6 bar for KPS, KPF 30/16).

Protection degree IP 44.

Insulation class F.

Versions with special seals on request.

THREE-PHASE MOTORS	P2	< 0.75 kW	IE2	MOTORS SINGLE-PHASE	P2	≥ 120 W	IE2
		≥ 0.75 kW < 75 kW	IE3				
		≥ 75 kW	IE4*				

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MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA								DNA GAS	DNM GAS	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOM.		In A	Q=m³h	0	0.3	0.6	0.9	1.2	1.8	2.4				
					kW	HP			0	5	10	15	20	30	40				
KPF 30/16 M	60213251H	214	1 x 230 V	0.5	0.25	0.33	2.4	H (m)	32.5	31	25	22	17.5	10		1" G	1" G	5.3	110
KPF 30/16 T	60204073	212	3 x 230 - 400 V ~	0.52	0.35	0.48	1,7 - 1		32.5	31	25	22	17.5	10		1" G	1" G	5.3	110
KPS 30/16 M	60213254H	214	1 x 230 V ~	0.5	0.25	0.33	2.4		32.5	31	25	22	17.5	10		1" G	1" G	5.4	120
KPS 30/16 T	60204072	212	3 x 230 - 400 V ~	0.52	0.35	0.48	1,7 - 1		32.5	31	25	22	17.5	10		1" G	1" G	5.4	120
KPS 30/16 M-P1	60213263H	298	1 x 230 V ~	0.5	0.25	0.33	2.4		32.5	31	25	22	17.5	10		1" G	1" G	5.4	36
KPS 38/18 M	60213280H	345	1 x 230 V ~	0.78	0.55	0.75	3.6		54	50	46	41	36	27.5	17.5	1" G	1" G	7.5	68
KPS 38/18 T	60204064H	327	3 x 230 - 400 V ~	0.88	0.6	0.8	2,9-1,7		54	50	46	41	36	27.5	17.5	1" G	1" G	7.5	68
KPF 45/20 M	60212510H	385	1 x 230 V ~	1.2	0.85	1.15	5.3		84	76	68	62	56	38	24	1" G	1" G	9	39
KPF 45/20 T	60179405H	388	3 x 230 - 400 V ~	1.2	1	1.34	4-2,3		84	76	68	62	56	38	24	1" G	1" G	9	39

¹ **KPS-setup** - Peripheral pump equipped with manometer, pressure switch, power cable with plug and five-way connector for connection to a tank.

AISI 304 STAINLESS STEEL SINGLE-IMPELLER CENTRIFUGAL ELECTRIC PUMPS



AISI 304 stainless steel single-impeller centrifugal pump with axial suction, suitable for civil and industrial pressurization (for cold, hot, refrigerant liquids), hot springs, industrial washing.

Standard construction materials ensure greater resistance to oxidation (rust) and subsequent erosion, and above all operation at high temperatures (90°C).

Other possible uses are: chiller systems with propylene glycol (V version) and ethylene glycol (E version); industrial washing with cold water, hot water, refrigerant or use with moderately oily and aggressive fluids (V and VS version).

Operating range

Up to 10 m³/h with head up to 32 metres.

Pumped liquid clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral, similar to the characteristics of water.

Liquid temperature range

-10°C to +90°C.

Maximum ambient temperature +40°C.

Maximum working pressure 8 bar (800 kPa).

Protection degree IP55.

Insulation class F.

Standard voltage single-phase 220-230 V / 50 Hz;
three-phase 230-400 V / 50 Hz.

Installation fixed horizontal or vertical as long as the motor is positioned above the pump.

Special designs on request

Special mechanical seals.

Version V Ceramic Alox/Carbon/FKM for oily liquids (up to 110°C) and propylene glycol.

Version VS SiC/SiC/FKM for oily liquids (up to 110°C) and with abrasive particles.

Version E SiC/Carbon/EPDM water up to 120°C and ethylene glycol.

THREE-PHASE MOTORS	P2	< 0.75 kW	IE2
		≥ 0.75 kW < 75 kW	IE3
		≥ 75 kW	IE4

MOTORS SINGLE-PHASE	P2	≥ 120 W	IE2

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MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA												DNA	DNM	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOM.		In A	Q=m³h Q=l/min	0	1.2	3	4.8	5.4	6.6	7.8	8.4	9.6	10.8	11.7				
					KW	HP			0	20	50	80	90	110	130	140	160	180	195				
KI 30/90 M	60212438	466	1x230 V	1.3	0.85	1.15	5.7	H (m)	31.4	30.1	27.8	25.1	24	21.7	19	17.5				1"1/4 G	1" G	13.4	27
KI 30/90 T	60184269	466	3x230-400 V	1.25	0.75	1	4 - 2,3		31.4	30.1	27.8	25.1	24	21.7	19	17.5				1"1/4 G	1" G	12.2	27
KI 30/120 M	60212439	578	1x230 V	1.4	0.85	1.15	6.1		32	30.7	28.9	27	26.3	24.8	22.8	21.6	19.2	16.5		1"1/4 G	1" G	13.4	27
KI 30/120 T	60179404	555	3x230-400 V	1.4	1	1.36	4,7-2,7		32	30.7	28.9	27	26.3	24.8	22.8	21.6	19.2	16.5		1"1/4 G	1" G	12.3	27

LIST PRICE INCREASE FOR SPECIAL SEALS

ADDITIONAL DESCRIPTION	SEAL MATERIAL	ELASTOMERS	PRICE INCREASE €
-V	Carbon/Ceramic Alox/FKM	FKM	33
-VS	Silicon/Silicon/FKM	FKM	80
-E	Carbon/Silicon/EPDM	EPDM	95

JET, JET INOX, EURO INOX - CONTROL-D

AUTOMATIC ON/OFF PRESSURIZATION SYSTEMS



JET - CONTROL-D

JET INOX - CONTROL-D

EURO INOX - CONTROL-D

Self-priming pumps (Jet / Jet Inox) or multi-impeller self-priming pumps (Euro Inox) suitable for domestic use for water supply and pressurization, irrigation of gardens and allotments, and general water handling.
Automatic operation via Control-D, an electronic controller for the control and protection of domestic pumps.

CONTROL-D

Automatic ON/OFF.

Dry run protection with fault LED signalling and automatic reset.

Possibility of manual reset via reset button. Anti-lock function.

Operating range

Flow rate up to 80 L/min and head up to 72 m.

Pumped liquid clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral, similar to the characteristics of water.

Liquid temperature range

0°C to +35°C for domestic use (EN 60335-2-41);

0°C to +40°C for other uses.

Maximum working pressure

6 bar (600 kPa) Jet;

8 bar (800 kPa) Jet Inox, Euro Inox.

Protection degree

IP 44 (IP 55 at terminal board);

IP 65 Control-D.

Motor insulation class F

CONTROL-D
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PAGE 175

JET, JET INOX - CONTROL-D

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA												DNA GAS	DNM GAS	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOM.		In A	Q=m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8						
								Q=l/min	0	10	20	30	40	50	60	70	80						
JET 82 M CONTROL-D	60213244	569	1X220 - 240V~	0.85	0.6	0.8	3.8	H (m)	47	40	34	30	26.2	23.5	20.3			1"	1"	13.9	14		
JET 102 M CONTROL-D	60212446	585	1X220 - 240V~	1.13	0.75	1	5.1		53.8	47	41	36.3	32.4	28.8	25.8			1"	1"	14.1	14		
JET 132 M CONTROL-D	60215151	613	1X220 - 240V~	1.49	1	1.36	6.6		48.3	45.6	42.8	40	37.6	35	32.5	30	27.2	1"	1"	15.1	14		
JETINOX 82 M CONTROL-D	60213252	585	1X220 - 240V~	0.85	0.6	0.8	3.8		47	40	34	30	26.2	23.5	20.3			1"	1"	11.4	14		
JETINOX 102 M CONTROL-D	60215148	649	1X220 - 240V~	1.13	0.75	1	5.1		53.8	47	41	36.3	32.4	28.8	25.8			1"	1"	12.6	14		
JETINOX 132 M CONTROL-D	60212448	656	1X220 - 240V~	1.49	1	1.36	6.6		48.3	45.6	42.8	40	37.6	35	32.5	30	27.2	1"	1"	15.1	14		

EURO INOX - CONTROL-D

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA												DNA GAS	DNM GAS	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOM.		In A	Q=m³h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8						
					Q=l/min	0		10	20	30	40	50	60	70	80								
EUROINOX 30/50 M CONTROL-D	60213223	786	1x220-240 V ~	0.88	0.55	0.75	3.9	H (m)	42.5	40.2	38.2	36.2	33.8	30	24.8	19.5	14	1"	1"	16.9	14		
EUROINOX 40/50 M CONTROL-D	60212444	911	1x220-240 V ~	1.2	0.75	1	5.3		57.5	55.3	52.8	50.1	47.1	42.7	35.8	28	19	1"	1"	16.2	14		
EUROINOX 40/80 M CONTROL-D	60212445	927	1x220-240 V ~	1.48	1	1.36	6.5		59		57	56	54	51	47	43.5	39	1"	1"	16.7	14		

JET COM, EURO INOX - CONTROL-D GSET

AUTOMATIC ON/OFF PRESSURIZATION SYSTEMS



JET COM - CONTROL-D GSET



EURO INOX - CONTROL-D GSET

Self-priming pumps (Jet Com) or multi-impeller self-priming pumps (Euro Inox) suitable for domestic use for water supply and pressurization, irrigation of gardens and allotments, and general water handling.

Automatic operation via Control-D-GSET, an electronic controller for the control and protection of domestic pumps.

Lock reset and anti-lock function.

Allows the pump's restart pressure to be set.

Silent operation (multiple turbines).

Mandatory foot valve or non-return valve at suction.

Operating range

Flow rates up to 80 L/min and head up to 72 m.

Pumped liquid clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral, similar to the characteristics of water.

Liquid temperature range

0°C to +35°C for domestic use (EN 60335-2-41);

0°C to +40°C for other uses.

Maximum working pressure

6 bar (600 kPa) Jet Com;

8 bar (800 kPa) Euro Inox.

Protection degree

IP 44 (IP 55 at terminal board);

IP 65 Control-D.

Insulation class F.

CONTROL-D
GSET
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JET COM - CONTROL-D GSET

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA										DNA GAS	DNM GAS	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOMINAL		In A	Q=m³h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8				
					kW	HP		Q=l/min	0	10	20	30	40	50	60	70	80				
JETCOM 102 M CONTROL D-GSET	60215150	631	1X220 - 240 V~	1.13	0.75	1	5.1	H (m)	53.8	47	41	36.3	32.4	28.8	25.8			1"	1"	14.2	28
JETCOM 132 M CONTROL D-GSET	60212450	651	1X220 - 240 V~	1.49	1	1.36	6.6		48.3	45.6	42.8	40	37.6	35	32.5	30	27.2	1"	1"	15.2	28

EURO INOX - CONTROL-D GSET

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA														N° IMPELLERS	DNA GAS	DNM GAS	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOMINAL		In A	Q=m³/h Q=l/min	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	6	7.2							
EUROINOX 30/30 M CONTROL D-GSET	60213224	803	1x220-240 V ~	0.72	0.45	0.6	3.2	H(m)	46	42.2	37.8	31.2	23.3	14.3						4	1"	1"	13.3	28		
EUROINOX 40/30 M CONTROL D-GSET	60213230	862	1x220-240 V ~	0.88	0.55	0.75	3.9		57	52.7	47	38.8	29	17.7						5	1"	1"	13.4	28		
EUROINOX 40/50 M CONTROL D-GSET	60212449	918	1x220-240 V ~	1.2	0.75	1	5.3		58	55.3	52.8	50.1	47.1	42.7	35.8	28	19			4	1"	1"	16.2	28		
EUROINOX 40/80 M CONTROL D-GSET	60216783	973	1x220-240 V ~	1.48	1	1.36	6.3		59		57	56	54	51	47	43.5	39	29.5	16.5	5	1"	1"	16.8	28		

AQUAJET, AQUAJET INOX

AUTOMATIC SELF-PRIMING BOOSTER SETS



DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING



Automatic water lifting stations, suitable for domestic use, small installations for civil, agricultural and industrial use, washing systems and hobby applications.

The unit consists of a Jet or Jet Inox self-priming electric pump, tank, pressure switch for automatic operation, manometer, pump-motor connector kit, all already assembled.

Horizontal 20-litre tank, internal butyl diaphragm and virgin polypropylene capsule, complete with support brackets at the bottom and housing brackets to secure the pump at the top.

Operating range 0.6 to 5.4 m³/h with head up to 61 metres.

Pumped liquid clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral, similar to the characteristics of water.

Liquid temperature range 0°C to +35°C for domestic use (EN 60335-2-41).

0°C to +40°C for other uses.

Maximum suction depth 8 metres.

Maximum ambient temperature +40°C.

Maximum working pressure 8 bar (800 kPa).

Installation

Fixed or portable in a horizontal position.

Special designs on request

Other voltages and/or frequencies

Motor protection degree IP44.

Terminal board protection degree IP55.

Insulation class F.

Standard voltage single-phase 220/240V - 50 Hz.

SINGLE-PHASE
MOTORS

P2

≥120 W

IE2

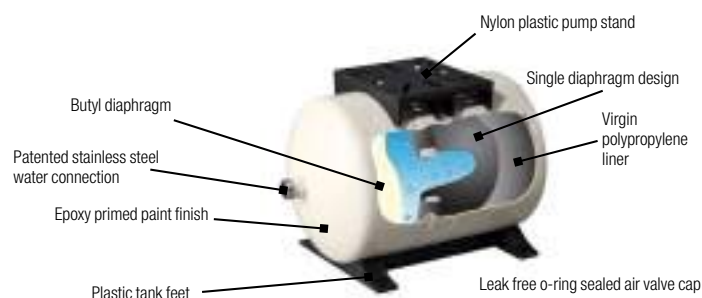
TANK WITH **5 YEARS**
OF GUARANTEE



ACCESSORIES
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AQUAJET

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA										DNA GAS	DNM GAS	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50Hz	P1 MAX KW	P2 NOMINAL		In A	Q=m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8				
					kW	HP		Q=l/min	0	10	20	30	40	50	60	70	80				
AQUAJET 82 M - G	60213195H	528	1x230V	0.8	0.55	0.75	3.9	H (m)	47	40	34	30	26.2	23.5	20.3			1"	1"	18.2	12
AQUAJET 102 M - G	60213102H	581	1x230V	1.02	0.75	1	4.5		53.8	47	41	36.3	32.4	28.8	25.8			1"	1"	20	12
AQUAJET 112 M - G	60212429H	598	1x230V	1.2	0.85	1.15	5.7		61	54	47.8	42.8	38.8	34.8	22			1"	1"	21	12
AQUAJET 132 M - G	60212430H	598	1x230V	1.37	0.85	1.15	6		48.3	45.6	42.8	40	37.6	35	32.5	30	27.2	1"	1"	21	12



AQUAJET INOX

MODEL	CODE	PRICE €	ELECTRICAL DATA						HYDRAULIC DATA										DNA GAS	DNM GAS	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOMINAL		In A	Q=m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8					
					kW	HP		Q=l/min	0	10	20	30	40	50	60	70	80					
AQUAJET-INOX 82 M - G	60213197H	580	1 x 230 V	0.8	0.55	0.75	3.9	H (m)	47	40	34	30	26.2	23.5	20.3			1"	1"	15.3	12	
AQUAJET-INOX 102 M - G	60213094H	631	1 x 230 V	1.02	0.75	1	4.5		53.8	47	41	36.3	32.4	28.8	25.8			1"	1"	17.1	12	
AQUAJET-INOX 112 M - G	60213096H	651	1 x 230 V	1.2	0.85	1.15	5.7		61	54	47.8	42.8	38.8	34.8	20			1"	1"	18.1	12	
AQUAJET-INOX 132 M - G	60213097H	651	1 x 230 V	1.37	0.85	1.15	6		4.3	45.6	42.8	40	37.6	35	32.5	30	27.2	1"	1"	18.1	12	

DIVERTEK

MULTI-IMPELLER SUBMERSIBLE PUMPS



Multi-impeller submersible pump for clean water, designed for pressurization, rainwater reuse, gardening and irrigation in domestic and residential installations.

Ideal for use in rainwater harvesting systems and for drawing water from a cistern or tank.

Available in manual or automatic version with float.

The automatic version is single-phase with float switch for protection against dry running.

No control panel required, the starting capacitor is accessible without dismantling the pump.

The motor has built-in thermal overheating protection.

Equipped with retractable carry handle, technopolymer debris filter, non-return valve and 15-metre power cable with plug.

A four-section reducer-connector is supplied as standard.

Flow rate 1 m³/h to 6.3 m³/h (model 500);

1 m³/h to 6 m³/h (model 650);

1 m³/h to 6.3 m³/h (model 900).

Maximum head

45 m (900 model);

30 m (650 model);

25 m (500 model).

Maximum immersion depth 12 m.

Type of liquid pumped clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Liquid temperature +0 °C to +40 °C.

Maximum operating depth 15 m.

Flanging or threading 1" (supplied with a four-section reducer-connector as standard).

Maximum pump diameter 160 mm.

Impeller construction material

Technopolymer.

Maximum number of starts per hour 20/h.

Pump protection degree IP68.

Thermal classification of motor insulation F.

Single-phase power supply 230 V 50 Hz.

Three-phase power supply not available.

Power cable length and plug type 15 m H07RNF with plug.

Type of installation possible fixed or portable vertical only.

Special versions available on request different cable lengths, different plugs.

DIVERTEK

ACCESSORIES
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MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA										N° IMPELLERS	DNM GAS	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOM.		In A	Q=m³h	0	1.2	1.8	2.4	3	3.6	4.2	4.8					
					Q=l/min	0		20	30	40	50	60	70	80							
DIVERTEK 500 A	60203224H	531	1x220-240V~	0.53	0.34	0.46	2.5	H(m)	25.6	24.4	22.9	20.7	18	14.9	11.6	7.8	2	1"	9.1	40	
DIVERTEK 650 A	60203222H	627	1x220-240V~	0.63	0.42	0.56	2.9		30.4	28.5	27	24	21	17	13	8.5	2	1"	9.1	40	
DIVERTEK 650 NA	60209617H	626	1x220-240V~	0.63	0.42	0.56	2.9		30.4	28.5	27	24	21	17	13	8.5	2	1"	9.1	40	
DIVERTEK 900 A	60203221H	708	1x220-240V~	0.92	0.56	0.75	4.2		46.4	42.7	40.1	36.8	32.5	27.3	21.5	15.2	3	1"	10.6	40	

DIVERTRON

ELECTRONIC MULTI-IMPELLER SUBMERSIBLE PUMPS



Electronic multi-impeller submersible pump for clean water, designed for pressurization, rainwater reuse, gardening and irrigation in domestic and residential installations.

It features a pressure switch, a flow sensor and control electronics for automatically switching on and off.

Automatic operation allows the pump to start up and shut down autonomously according to the demands of the system and protects it from running dry.

Supplied with a built-in starting capacitor, installed in an accessible compartment without dismantling the pump, non-return valve and 15-metre power cable with plug.

Available with technopolymer debris filter or with a connector for float suction kit (X version).

Recommended installation with a small auxiliary expansion tank.

Operating range

1 m³/h to 5.4 m³/h with head up to 45 m (model 900) and 30 m (model 650).

Pumped liquid

Clean, free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Liquid temperature range

0°C to +35°C for domestic use (EN 60335-2-41).

Maximum suction depth 15 metres.

Maximum pump diameter 160 mm.

Installation

Fixed or portable in vertical position only

Special designs on request

Different cable lengths, different plugs.

Pump protection degree IP 68.

Insulation class F.

Standard voltage single-phase 230 V / 50 Hz.

DIVERTRON

ACCESSORIES
PAGE 175

MODEL	CODE	PRICE €	ELECTRICAL DATA						HYDRAULIC DATA								N° IMPELLERS	DNA GAS	DNM GAS	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOM.		In A	Q=m³/h	0	1.2	1.8	2.4	3	3.6	4.2	4.8					
					KW	HP		Q=l/min	0	20	30	40	50	60	70	80					
DIVERTRON 650	60209375H	690	1x220-240 V ~	0.63	0.42	0.56	2.9	H (m)	30.4	27.7	25.8	23	19.7	15.2	10.3	4.8	2	-	1"	9.5	32
DIVERTRON 650 A*	60203223H	707	1x220-240 V ~	0.63	0.42	0.56	2.9		30.4	27.7	25.8	23	19.7	15.2	10.3	4.8	2	-	1"	9.5	32
DIVERTRON X 650	60208444H	743	1x220-240 V ~	0.63	0.42	0.56	2.9		30.4	27.7	25.8	23	19.7	15.2	10.3	4.8	2	1"	1"	9.5	32
DIVERTRON 900	60209373H	743	1x220-240 V ~	0.92	0.56	0.75	4.2		45.8	42.1	39.4	35.6	31.1	25.2	18.8	11.9	3	-	1"	11	32
DIVERTRON 900 A*	60203220H	759	1x220-240 V ~	0.92	0.56	0.75	4.2		45.8	42.1	39.4	35.6	31.1	25.2	18.8	11.9	3	-	1"	11	32
DIVERTRON X 900	60208443H	796	1x220-240 V ~	0.92	0.56	0.75	4.2		45.8	42.1	39.4	35.6	31.1	25.2	18.8	11.9	3	1"	1"	11	32
DIVERTRON X 650 + 1M SUCTION KIT	60209611H	945	1x220-240 V ~	0.63	0.42	0.56	2.9		30.4	27.7	25.8	23	19.7	15.2	10.3	4.8	2	1"	1"	10.5	12
DIVERTRON X 900 + 1M SUCTION KIT	60209596H	945	1x220-240 V ~	0.92	0.56	0.75	4.2		45.8	42.1	39.4	35.6	31.1	25.2	18.8	11.9	3	1"	1"	12	12

* A float version

GROUPING: AP

ACCESSORIES

	AUXILIARY TANK FOR DIVERTRON	60117315	60

DTRON 2

ELECTRONIC MULTI-IMPELLER SUBMERSIBLE PUMPS



Electronic multi-impeller submersible 7 inch pump for clean water, designed for use in pits, cisterns or tanks. Suitable for domestic and residential use for pressurization, rainwater reuse, gardening and irrigation.

Built-in electronics for automatically switching on and off, a non-return valve and a carry handle. Electronic operation also protects against running dry. The innovative modular design means that the hydraulics, motor, electrics and filter can be dismantled separately, making maintenance much easier.

A pressure relief valve withstands the pressure generated by ice and water hammer. The suction height is adjustable from the bottom to 8 cm by means of the accessory supplied as standard. A float can be connected without compromising the watertightness of the pump thanks to the NFC pocket. Built-in 0.04-litre expansion tank with no need for maintenance or refilling. 15-metre power cable with plug. DTRON2 available in X version with 1" inlet and X kit including 1 metre suction hose and float to prevent suction of impurities from the bottom. The entire pump is rated IP68. With the DOC68 accessory (supplied separately), it becomes an IP68 surface pump to be used under head. Certified drinking water version available on request.

Max flow rate 7.2 m³/h.

Maximum head 45 m.

Maximum immersion depth 12 m.

Type of liquid pumped

Clean, free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Free passage 2 mm.

Min and max liquid temperature

+0 °C to +50 °C.

Maximum operating depth 15 m.

Set cut-in 2.4 bar (+/-0.2)

Delivery flanging or threading

Threaded 1 1/4".

Maximum pump diameter 185 mm.

Pump protection degree IP68

Thermal classification of motor insulation

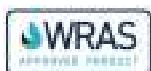
F.

Power cable 15 m with plug.

Type of installation possible

Fixed, horizontal or vertical. Submerged or semi-submerged. Surface, under head installation in vertical position is possible with external accessory DOC68 (supplied separately).

DTRON 2



ACCESSORIES
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MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA															WEIGHT KG	QTY PER PALLET		
			POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOM.		In A	Q=m³/h	0	0.7	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	6.3	6.6	7.3			7.5	
					Q=l/min	0		11	20	30	40	50	60	70	80	90	100	105	110	122	125					
DTRON2 35/90	60195238	734	1 x 220-240 V ~	0.75	0.52	0.7	3.4	H (m)	37	35.9	35	33	30	26.7	22.7	18.5	13.4	7.6	0.6					11.4	15	
DTRON2 45/90	60188290	793	1 x 220-240 V ~	0.93	0.6	0.8	4.2		45	43	41.2	38	34.2	29.7	24.7	20	15	9	2.5	0.6					11.4	15
DTRON2 35/120	60195251	793	1 x 220-240 V ~	0.9	0.6	0.8	4		38	37.6	36.3	34	31.5	28.9	26	23.2	20	16.3	12	9.8	7.5	2.2	0.7	11.4	15	

X VERSION

MODEL	CODE	PRICE €
DTRON2 X 35/90	60195250	791
DTRON2 X 45/90	60195236	849
DTRON2 X 35/120	60195257	849
DTRON2 X 35/90 + SUCTION KIT 1M	60196488	1.049
DTRON2 X 45/90 + SUCTION KIT 1M	60196489	1.118
DTRON2 X 35/120 + SUCTION KIT 1M	60196490	1.118



DTRON2 X



SUCTION KIT

discover **DTRON**



DTRON 3

ELECTRONIC MULTI-IMPELLER SUBMERSIBLE PUMPS



Electronic multi-impeller submersible 7 inch pump for clean water, designed for use in pits, cisterns or tanks. Can be used submerged, partially submerged or on the surface (with the appropriate accessory). Suitable for domestic and residential use for pressurization, rainwater reuse, gardening and irrigation.

Built-in electronics for automatically switching on and off, a non-return valve and a carry handle. Electronic operation also protects against running dry. The innovative modular design means that the hydraulics, motor, electrics and filter can be dismantled separately, making maintenance much easier. A pressure relief valve withstands the pressure generated by ice and water hammer. The suction height is adjustable from the bottom up to 8 cm by means of the accessory supplied as standard. A float can be connected without compromising the watertightness of the pump thanks to the NFC (Near Field Communication) pocket. The starting pressure is adjustable via the Com Box, which is supplied as standard. Built-in 0.04-litre expansion tank with no need for maintenance or refilling. 15-metre power cable with plug.

The Com Box allows the starting pressure to be set and alarms to be monitored. Pump available in X version with 1" inlet and X kit including 1 metre suction hose and float to prevent suction of impurities from the bottom.

Using the optional DConnect Box 2 accessory, Dtron 3 can be remotely monitored via the DConnect platform.

The entire pump is rated IP68. With the DOC68 accessory (supplied separately), it becomes an IP68 surface pump to be used under head. Certified drinking water version available on request.

Max flow rate 7.2 m³/h.

Maximum head 45 m.

Maximum immersion depth 12 m.

Type of liquid pumped

Clean, free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Free passage 2 mm

Min and max liquid temperature

+0 °C to +50 °C.

Maximum operating depth 15 m

Set cut-in 2.4 bar (+/- 0.2).

Delivery flanging or threading

Threaded 1 1/4".

Maximum pump diameter 185 mm.

Pump protection degree IP68

Thermal classification of motor insulation

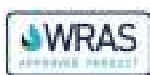
F

Power cable 15 m with plug

Type of installation possible

Fixed, horizontal or vertical. Submerged or semi-submerged. Surface, under head installation in vertical position is possible with external accessory DOC68 (supplied separately).

DTRON 3



ACCESSORIES
PAGE 175

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA																		WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOM.		In A	Q=m³h	0	0.7	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	6.3	6.6	7.3	7.5				
					kW	HP		Q=l/min	0	11	20	30	40	50	60	70	80	90	100	105	110	122	125				
DTRON3 35/90	60195016	863	1 x 220-240 V ~	0.75	0.52	0.7	3.4	H (m)	37	35.9	35	33	30	26.7	22.7	18.5	13.4	7.6	0.6					11.6	15		
DTRON3 45/90	60188287	931	1 x 220-240 V ~	0.93	0.6	0.8	4.2		45	43	41.2	38	34.2	29.7	24.7	20	15	9	2.5	0.6				11.6	15		
DTRON3 35/120	60195034	931	1 x 220-240 V ~	0.9	0.6	0.8	4		38	37.6	36.3	34	31.5	28.9	26	23.2	20	16.3	12	9.8	7.5	2.2	0.7	11.6	15		

X VERSION

MODEL	CODE	PRICE €
DTRON3 X 35/90	60195012	920
DTRON3 X 45/90	60194987	989
DTRON3 X 35/120	60195032	989
DTRON3 X 35/90 + SUCTION KIT 1M	60196491	1.202
DTRON3 X 45/90 + SUCTION KIT 1M	60196492	1.284
DTRON3 X 35/120 + SUCTION KIT 1M	60202519	1.284



DTRON3 X



SUCTION KIT

discover **DTRON**



NBB

ASSEMBLY KIT FOR STORAGE AND PRESSURIZATION



DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

NBB is the solution for creating a pressurization system in a domestic installation.

A concept based on modular components, featuring the NBB cistern kit, a submersible or surface pump, an variable frequency drive - if the pump does not have built-in electronics - and the assembly kit, which includes the expansion tank if this is not built into the pump. In all its many configurations, NBB offers compact dimensions, great comfort and, in the variable frequency drive versions, excellent energy saving. The NBB cistern kit consists of

- 280-litre tank specifically for drinking water in accordance with European standards EN 1717 and EN 13077

- filling and overflow valves fitted

- accessory protective grille loose inside.

By using the auxiliary tank kit, consisting of a 280-litre cistern, connection pipe with seal and band, the system's capacity can be doubled. In addition to NBB, the user must choose the assembly kit corresponding to the specific pump type, or pump plus variable frequency drive, to be used. The pumps to be installed, as well as the variable frequency drive, are not included in the kit and must be ordered separately. The installation kits include all the accessories needed to install the pump and, where applicable, the variable frequency drive on the NBB cistern kit. A 5-litre expansion tank is also provided for Pulsar and Euroinox installation kits.

Operating range

10 to 120 L/min; up to 72 m.

Liquid temperature range

0°C to +35°C for domestic use.

Pumped liquid

Suitable for drinking water in accordance with European standards EN 1717 and EN 13077.

Maximum ambient temperature +40°C.

Maximum working pressure 8 bar (800 kPa) for the surface pump configuration.

Maximum inlet pressure 6 bar.

Protection degree

IP44 for surface pumps.

IP68 for submersible pumps.

Insulation class F.



AD PLUS
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MODEL	CODE	PRICE €
NBB CISTERN KIT 280 LITRES - WRAS (INCL. GRILLE)	60149355	956
ACTIVE KIT FOR NBB	60116646	108
KIT EUROINOX FOR NBB	60123882	249
PULSAR INSTALLATION KIT	60116638	542

MODEL	CODE	PRICE €
NBB DTRON2/DTRON3/ESYBOX DIVER KIT	60203517	312
KIT ADDITIONAL TANK	60123556	618
DIVERTRON KIT FOR NBB	60123662	312

The installation kits are designed to be used solely with the pump models specified below.

SELECTION TABLE NBB A + B + C KIT = NBB

A	B		C		
NBB CISTERN	PUMP MODEL	ACTIVE DRIVER PLUS	INSTALLATION KIT *		
 60149355 NBB CISTERN KIT 280 litres (including protection grilles) EXPANDABLE WITH  60123556 AUXILIARY TANK KIT		EUROINOX M	60149661 AD PLUS M/M 1.1	60123882 - EUROINOX INSTALLATION KIT	- suction hose - fittings - viteria - bracket for AD - 5-litre expansion tank - ball valve
		EUROINOX T	60169777 AD PLUS M/T 1.0		
		ACTIVE EI M		60116646 - ACTIVE INSTALLATION KIT	- suction hose - fittings - screws
		DTRON 2 / DTRON 3 / ESYBOX DIVER		60203517 - NBB DTRON2/ DTRON3/ ESYBOX DIVER KIT	- fittings - screws
		60210498 - PULSAR 50/50 M-NA	60149661 AD M/M 1.1	60116638 - PULSAR INSTALLATION KIT	- fittings - non-return valve - pump fastening bar - bracket for AD
	60210510 - PULSAR 40/80 M-NA	- ball valve			
	60210499 - PULSAR 50/50 T-NA (3X230V)	60169777 AD M/T 1.0	- screws - 5-litre expansion tank		
	60210511 - PULSAR 40/80 T-NA (3X230V)				
	DIVERTRON		60123662 - DIVERTRON INSTALLATION KIT	- fittings - screws	

* All kits are supplied unassembled, with assembly instructions.

ACTIVE SWITCH

RAIN WATER SYSTEM



Active Switch is a complete and pre-assembled system for using rainwater in one or two-family houses.

The system comprises a recyclable polyethylene tank, an automatic pump EURO INOX 30/50 M IE2 series and a three-way automatic valve assembled on suction port of the pump.

The system has been designed to be wall-mounted.

Supplied with wall bracket and float switch, with 20 mt of cable, as a standard.

Working ambient temperature

min. +5°C - max. +40°C.

Max flow 80 l/min.

Max Head 42.2 m.

Liquid temperature range from +5°C up to +35°C.

Max working pressure of the system

6 bar (600KPA).

Max. Pressure of main supply line

4 bar (400KPA).

Max. Height of working uses 15 meters.

Potable water connector 3/4".

Pump suction and delivery ports 1".

ACCESSORIES
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MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA																IMPELLERS NUMBER	DNA PUMP	DNM PUMP	WT. KG	Q.TY x PALLET
			VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	Q=m³h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8											
					kW	HP		Q=l/min	0	10	20	30	40	50	60	70	80											
ACTIVE SWITCH 30/50 M	60213192	1.630	1x230 V	0.903	0.55	0.75	3.8	H(m)	42.2	40.2	38.2	36.2	33.8	30	24.8	19.5	14	4	1"	1"	18	4						

GROUPING: A5

AQUAPROF

RAIN WATER SYSTEM



Aquaprof is a complete and pre-assembled system for using rainwater in one or two-family houses.

The system comprises a recyclable polyethylene console, a completely automatic electronic control unit, three-way automatic valve and electropump Euro Inox 30/50 M or Euro Inox 40/50 M series.

Supplied with wall bracket as a standard and float switch with 20 mt of cable for Aquaprof Basic version, or probe sensor level with 20 mt of cable for Aquaprof Top.

Protection level IP42.

Working ambient temperature

min. +5°C - max. +40°C.

Max flow 80 l/min.

Max Head

42,2 m. (Aquaprof 30/50).

57,7 m. (Aquaprof 40/50).

Liquid temperature range

from +5°C up to +35°C.

Max working pressure of the system

6 bar (600KPA).

Max. Pressure of main supply line

4 bar (400KPA).

Max. Height of working uses 15 meters.

Potable water connector 3/4".

Pump suction and delivery ports 1".

ACCESSORIES
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MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA												IMPELLERS NUMBER	DNA PUMP	DNM PUMP	WT. KG	Q.TY x PALLET
			VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	Q=m³h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8							
					kW	HP		Q=l/min	0	10	20	30	40	50	60	70	80							
AQUAPROF BASIC 30/50	60213189	2.457	1x230 V	0.8	0.55	0.75	3.8	H(m)	42.2	40.2	38.2	36.2	33.8	30	24.8	19.5	14	3	1"	1"	28	3		
AQUAPROF BASIC 40/50	60213076	2.542	1x230 V	1.11	0.85	1.15	4.8		57.7	55.3	52.8	50.1	47.1	42.7	35.8	28	19.2	4	1"	1"	32	3		
AQUAPROF TOP 30/50	60213190	2.825	1x230 V	0.8	0.55	0.75	3.8		42.2	40.2	38.2	36.2	33.8	30	24.8	19.5	14	3	1"	1"	28	3		
AQUAPROF TOP 40/50	60213085	2.906	1x230 V	1.11	0.85	1.15	4.8		57.7	55.3	52.8	50.1	47.1	42.7	35.8	28	19.2	4	1"	1"	32	3		

NOTES

ACCESSORIES

WATER PRESSURIZATION

WATER PRESSURIZATION ACCESSORIES

SELF-PRIMING AND CENTRIFUGAL PUMPS

EXPANSION TANKS	DESCRIPTION	CODE	PRICE €
 TANK WITH 5 YEARS OF GUARANTEE	2-LITRE TANK 10 BAR V - G	60141865	68
	8-LITRE TANK G 10 BAR V	60141866	118
	18-LITRE TANK G 10 BAR V	60141867	157
	18-LITRE TANK G 16 BAR V	60141868	280
	20-LITRE TANK 10 BAR H - G	60141869	165
	60-LITRE TANK 10 BAR H - G	60141870	366
	100-LITRE TANK 10 BAR V - G	60141871	702
	310-LITRE TANK 10 BAR V - G	60141872	1.788
	450-LITRE TANK 10 BAR V - G	60141873	2.714

ASSEMBLY KIT	DESCRIPTION	CODE	PRICE €
	AQUAJET FLEXIBLE HOSE KIT 20L RED TANK	547120530	35
	AQUAJETINOX FLEXIBLE HOSE KIT 20L RED TANK	547120510	43
	AQUAJET FLEXIBLE HOSE KIT 20L WHITE TANK	60126040	47
	AQUAJETINOX FLEXIBLE HOSE KIT 20L WHITE / 60L RED TANK	547120570	48

DIAPHRAGM	DESCRIPTION	CODE	PRICE €
	DIAPHRAGM FOR AQUABOX V. 8 LITRES BUTYL	002139828	25
	DIAPHRAGM FOR AQUABOX V. 20 LITRES / 16 BAR	002139833	81
	DIAPHRAGM FOR AQUABOX 19-20 LITRES BUTYL	002139831	43

MANOMETERS	DESCRIPTION	CODE	PRICE €
	ABS. MANOMETER 6 BAR D.50 ATT.¼"	002125051	9
	ABS. MANOMETER 12 BAR D.63 ¼" FITTING	002126007	21
	RAD. MANOMETER 12 BAR D.63 ATT.¼"	002126037	21

PRESSURE SWITCHES	DESCRIPTION	CODE	PRICE €
	PRESSURE SWITCH 6 BAR	002716710	41
	PRESSURE SWITCH 6 BAR - COMPLETE	60110618	57
	PRESSURE SWITCH 12 BAR - XMP	60110619	62
	PRESSURE SWITCH FOR DRY RUN PROTECTION	002717002	118

WATER PRESSURIZATION ACCESSORIES

SELF-PRIMING AND CENTRIFUGAL PUMPS

UNIONS	DESCRIPTION	CODE	PRICE €
	3-WAY BRASS CONNECTOR 1"	167320100	8
	5-WAY BRASS CONNECTOR 1"	60110862	16

FOOT VALVES	DESCRIPTION	CODE	PRICE €
 FOOT VALVE 3/4"	FOOT VALVE 3/4"	002130903	36
	FOOT VALVE 1"	002130904	40
	FOOT VALVE 1 1/4"	002130905	52

NON-RETURN VALVES	DESCRIPTION	CODE	PRICE €
 NON-RETURN VALVE 3/4"	NON-RETURN VALVE 3/4"	002130063	21
	NON-RETURN VALVE 1"	002130064	32
	NON-RETURN VALVE 1 1/4"	002130065	38
	NON-RETURN VALVE 1 1/2"	002130066	45

WATER PRESSURIZATION ACCESSORIES

ELECTRONIC MULTI-IMPELLER SUBMERSIBLE PUMPS



GROUPING: FM - E7

DTRON3 ACCESSORIES	MODEL
	DCONNECT BOX 2 With DConnect Box 2 and the new app, you can control the pump, set start-up and shutdown parameters, view alarm details and monitor the system status directly from your smartphone. With DConnect Box 2 you can access DAB's cloud service. 



1x



1x

Max 1x

MODEL	Codes and prices are available for consultation on page 171
DTRON 3	

Requires the following version update:
VE 5.X or later

MODEL	CODE	PRICE €
DCONNECT BOX 2	60196424	305

	DESCRIPTION	CODE	PRICE €
	NFC LEVEL SENSOR Connected to the DConnect Box 2, it monitors the water level in the tank and communicates it to the user via the app (available for Eskybox Diver).	60184570	98

WATER PRESSURIZATION ACCESSORIES

ELECTRONIC MULTI-IMPELLER SUBMERSIBLE PUMPS

			GROUPING: AA
DTRON2-3 ACCESSORIES	DESCRIPTION	CODE	PRICE €
	NFC FLOAT Detects the water level in the tank, preventing the tank from being emptied and the pump from running dry due to too low a water level.	60184577	87
	SUCTION KIT FOR X VERSION Combined with the X version, it allows water to be drawn up to a level that prevents the pumping of dust and sludge from the bottom of pits and tanks.	60195974	213
	DOC68 With DOC68, DTron can also be installed outdoors as an IP68-certified surface pump.	60192274	98

			GROUPING: AP
DIVERTRON ACCESSORIES	DESCRIPTION	CODE	PRICE €
	SUCTION KIT FOR DIVERTRON X	60187735	144

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ELECTRONIC BOOSTER SET

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ESYBOX MAX

ELECTRONIC PRESSURIZATION SYSTEM

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VARIABLE SPEED BOOSTER SETS WITH ACTIVE DRIVER PLUS

BY

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2, 3 KVC

BOOSTER SETS WITH 2-3 KVC VERTICAL MULTISTAGE PUMPS

C3

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2 KV

SETS WITH 2 VERTICAL MULTISTAGE PUMPS

C3

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2, 3, 4 NKV

FIXED SPEED BOOSTER SETS

C2

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2 NKV 10, 15, 20 - EBOX

PRESSURIZATION GROUPS WITH 2 MULTISTAGE CENTRIFUGAL PUMPS WITH A VERTICAL AXIS

C2

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SETS WITH CENTRIFUGAL PUMPS NKP-G, K

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VARIABLE SPEED BOOSTER SETS WITH ACTIVE DRIVER PLUS

BY

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2, 3 KVCXE - MCE-P DCONNECT

VARIABLE SPEED BOOSTER SETS WITH MCE-P AND DCONNECT-

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2, 3, 4 NKVE 10, 15, 20, 32, 45 - MCE-P

VARIABLE SPEED BOOSTER SETS WITH MCE

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2, 3 NKVE 10, 15, 20, 32, 45 - MCE-P DCONNECT

VARIABLE SPEED BOOSTER SETS WITH MCE AND DCONNECT

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AQUATWIN TOP

PRESSURIZATION GROUP FOR RAINWATER RECOVERY SYSTEM

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2 JET, 2 EURO, 2 EURO INOX - AD PLUS

VARIABLE SPEED BOOSTER SETS WITH ACTIVE DRIVER PLUS



DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING



2 Jet, 2 Euro, 2 Euro Inox - AD Plus are **variable speed booster sets** with 2 horizontal shaft centrifugal pumps particularly suitable for domestic, small civil or industrial use. By using the Active Driver Plus variable frequency drive, they guarantee performance that automatically adapts to different system requirements by meeting the constant pressure demands of modern system technology. **Constant pressure control** is used in a wide variety of sectors:

Aqueducts - Irrigation - Industry - Hotels - Housing
- Spas.

Highly reliable, easy to operate and low maintenance.

Construction features - main components:

- **2 Jet - AD Plus** has 2 Jet self-priming horizontal shaft pumps with cast iron pump body.
- **2 Euro - AD Plus** has 2 Euro multistage horizontal shaft pumps with cast iron pump body.
- **2 Euro Inox - AD Plus** has 2 Euro Inox self-priming multistage horizontal shaft pumps with stainless steel pump body.
- Tropicalised sheet metal base complete with 4 rubber anti-vibration feet.
- Galvanised steel suction and delivery manifolds (in stainless steel for 2 Euro Inox - AD Plus).
- 2 Active Driver Plus variable frequency drives on the delivery side of each pump.
- 1 8-litre expansion tank per set.
- 1 protection panel.

Operating range 0.4 to 15 m³/h
Pumped liquid

Clean, free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral, similar to the characteristics of water.

Liquid temperature range
0 °C to +40 °C.

Maximum ambient temperature +40 °C

Maximum working pressure PN10 (10 bar)

Protection degree IP 44

Special designs on request

Unlisted voltages and/or frequencies.

Includes 1 8-litre expansion tank.



AD PLUS
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2 JET - AD PLUS

MODEL	CODE	PRICE €	ELECTRICAL DATA			HYDRAULIC DATA		Ø		WEIGHT kg
			POWER SUPPLY 50 Hz	P2 NOMINAL		Q m³/h	H m			
				kW X 2	HP X 2			A	M	
2JET AD 132 M / T	500140040	5.065	1X230V ~	1	1.36	0,6-9,6	45,6-27,2	2"	1" ½	56
2JET AD 151 M / T	500140070	6.549	1X230V ~	1.1	1.5	0,6-9	58-38	2"	1" ½	96
2JET AD 251 M / T	500140090	6.876	1X230V ~	1.85	2.5	0,6-14,4	60-34,2	2"	1" ½	105

2 EURO, EURO INOX - AD PLUS

MODEL	CODE	PRICE €	ELECTRICAL DATA			HYDRAULIC DATA		Ø		WEIGHT kg
			POWER SUPPLY 50 Hz	P2 NOMINAL		Q m³/h	H m			
				kW x 2	HP x 2			A	M	
2EURO AD 40/80 M / T	500140280	5.502	1 X 230 V ~	1	1.36	0,6-14,4	58-16	2"	1" ½	57
2EUROINOX AD 40/80 M / T	500140380	6.144	1 X 230 V ~	1	1.36	0,6-14,4	58-14	2"	1" ½	57
2EURO AD 50/50 M / T	500140260	5.413	1 X 230 V ~	1	1.36	0,6-9,6	68-26,5	2"	1" ½	57
2EUROINOX AD 50/50 M / T	500140360	6.036	1 X 230 V ~	1	1.36	0,6-9,6	68-26	2"	1" ½	57

2, 3 KVC

BOOSTER SETS WITH 2-3 KVC VERTICAL MULTISTAGE PUMPS



2, 3 KVC are **fixed speed booster sets** with 2 or 3 vertical multistage centrifugal pumps particularly suitable for domestic, small civil or industrial use.

Thanks to the use of the electrical control panel (2-pump and 3-pump sets), automatic switching of the pumps, control via the main switch and protection of the electric pumps via magnetothermal circuit breakers is guaranteed.

EBox panel with display for 2 KVC sets.

Highly reliable, easy to operate and low maintenance.

Construction features - main components:

2 to 3 KVC vertical multistage electric pumps.

Passivated sheet metal base with 4 anti-vibration rubber feet.

Suction and delivery manifolds in stainless steel.

Command and control:

-2 KVC-->complete with EBox D panel with display.

-3 KVC-->complete with E3G panel with pressure switches.

Operating range 1 to 36 m³/h

Pumped liquid

Clean, free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral, similar to the characteristics of water.

Liquid temperature range

+0 °C to +40 °C

Maximum ambient temperature +40°C

Maximum working pressure PN12 (12 bar).

Special designs on request

Contact our sales network.

Protection degree IP55.

Sets include 1 18-litre expansion tank for each pump and AISI 304 stainless steel delivery and suction manifolds.



THREE-PHASE MOTORS	P2	< 0.75 kW	IE2
		≥ 0.75 kW < 75 kW	IE3
		≥ 75 kW	IE4

MODEL	CODE	PRICE €	ELECTRICAL DATA			HYDRAULIC DATA		Ø		WEIGHT kg
			POWER SUPPLY 50 Hz	P2 NOMINAL		Q m³/h	H m			
				kW X 2	HP X 2			DNA	DNM	
2KVC 30/50 M 230-50	60122127	5.370	1 X 230V ~	0.75	1	0,5-4,8-9,6	41-35-17	2"	2"	70
2KVC 45/80 M 230-50	60122134	5.851	1 X 230V ~	1.5	2	0,7-9,6-18	65-53-21	2"	2"	82
2KVC 45/80 T 400-50	60179972	6.564	3 X 400V ~	1.5	2	0,7-9,6-18	65-53-21	2"	2"	82
2KVC 55/80 M 230-50	60122135	5.905	1 X 230V ~	1.85	2.5	0,7-9,6-18	76-61-23	2"	2"	84
2KVC 65/50 T 400-50	60179969	6.127	3 X 400V ~	1.1	1.5	0,5-4,8-9,6	83-70-42	2"	2"	82
2KVC 65/80 T 400-50	60179974	6.628	3 X 400V ~	2.2	3	0,7-9,6-18	88-71-31	2"	2"	85
2KVC 45/120 M 230-50	60122137	6.429	1 X 230V ~	1.85	2.5	1,2-12-24	62-52-17	2"	2"	86
2KVC 45/120 T 400-50	60179976	6.730	3 X 400V ~	1.85	2.5	1,2-12-24	62-52-17	2"	2"	86
2KVC 60/120 T 400-50	60179977	6.773	3 X 400V ~	2.2	3	1,2-12-24	78-63-25	2"	2"	90
2KVC 70/120 T 400-50	60179978	6.888	3 X 400V ~	3	4	1,2-12-24	95-78-31	2"	2"	94
2KVC 85/120 T 400-50	60179979	6.995	3 X 400V ~	3	4	1,2-12-24	112-90-34	2"	2"	95

MODEL	CODE	PRICE €	ELECTRICAL DATA			HYDRAULIC DATA		Ø		WEIGHT kg
			POWER SUPPLY 50 Hz	P2 NOMINAL		Q m³/h	H m			
				kW x3	HP x3			DNA	DNM	
3KVC 45/80 T 400-50	60179981	9.548	3X400V~	1.5	2	0,7-14,4-27	65-53-21	2"½	2"½	128
3KVC 65/80 T 400-50	60179982	9.650	3X400V~	2.2	3	0,7-14,4-27	88-71-31	2"½	2"½	133
3KVC 45/120 T 400-50	60179983	11.364	3X400V~	1.85	2.5	1,2-18-36	62-52-17	2"½	2"½	134
3KVC 60/120 T 400-50	60179984	11.420	3X400V~	2.2	3	1,2-18-36	78-63-25	2"½	2"½	140
3KVC 70/120 T 400-50	60179985	11.582	3X400V~	3	4	1,2-18-36	95-78-31	2"½	2"½	146
3KVC 85/120 T 400-50	60179986	11.755	3X400V~	3	4	1,2-18-36	112-90-34	2"½	2"½	148

The sets are supplied with tanks and air supply connection as standard.

2 KV

SETS WITH 2 VERTICAL MULTISTAGE PUMPS



2 KV are fixed speed pressurisation units with 2 vertical axis multistage centrifugal pumps, particularly suited for domestic use, and for small civil, agricultural, or industrial systems for applications with hot water up to 90°C.

The control panel guarantees automatic switching of the pumps, control at the main switch and protection of the electric pumps with thermal magnetic circuit breakers.

The main features of the EBox D panel with display for 2 KV units are limited space requirements, sturdiness and absolute reliability.

Construction features – main components:

2 KV vertical axis multistage electric pumps.

Tropicalized sheet steel base, complete with 4 anti-vibration rubber feet.

Suction and delivery manifolds in galvanized steel.

Operating range from 3 to 28 m³/h.

Pumped liquid Clean, free of solids and abrasives, not viscous, not crystallised and chemically neutral, with properties similar to water.

Liquid temperature range

From -15°C to +90°C.

Maximum ambient temperature +40°C.

Maximum working pressure PN16 (16bar).

Special designs on request

Contact our sales network.

Protection class IP55.

Including 1 18-litre expansion vessel for each pump



THREE-PHASE MOTORS	P2	< 0,75 kW	IE2
		≥ 0,75 kW < 75 kW	IE3
		≥ 75 kW	IE4



MODEL	CODE	PRICE €	ELECTRICAL DATA			HYDRAULIC DATA		Ø		WEIGHT Kg
			VOLTAGE 50 Hz	P2 NOMINAL		Q m³/h	H m			
				kW	HP			DNA	DNM	
2KV10/8T	60180007	7.363	3X400V ~	2.2	3	6-26,4	73,5-28	2" ½	2" ½	114

2, 3, 4 NKV

FIXED SPEED BOOSTER SETS



Fixed speed booster sets for use in civil and commercial installations or in agriculture, designed for water recirculation in heating and pressurization systems and for irrigation. Each NKV vertical multi-impeller centrifugal pump is equipped with an expansion tank. The standard set is equipped with NKV 10, 15, 20 S pumps in AISI 304 stainless steel; the NKV 32, 45 pumps have a pump body in cathodolysis-treated cast iron, impellers, diffusers and pump liner in AISI 304 stainless steel.

The sets of two, three or four pumps are equipped with an electrical control panel with warning lights. AISI 304 stainless steel suction and delivery manifolds, delivery and suction shut-off valves and a pressure transmitter. The sets are supplied assembled, set up and tested directly at the factory. X version with parts in contact with water in AISI 316 stainless steel available on request.

Operating range 0.5 to 280 m³/h.

Pumped liquid clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral, similar to the characteristics of water.

Liquid temperature range 0°C to +120°C (80°C with expansion vessel installed).

Maximum ambient temperature +50°C.

Maximum working pressure

PN16 (up to PN25 on request).

Protection degree IP 55.

Special designs on request

voltages and/or frequencies not listed.

"X" version, materials in contact with water made of AISI 316 stainless steel.

Sets include 1 18-litre expansion tank for each pump and AISI 304 stainless steel delivery and suction manifolds.



THREE-PHASE MOTORS	P2	< 0.75 kW	IE2
		≥ 0.75 kW < 75 kW	IE3
		≥ 75 kW	IE4

MODEL	CODE	PRICE €
2NKV 10/5 S T	60180265	16.076
2NKV 10/6 S T	60180266	16.289
2NKV 10/7 S T	60180267	16.665
2NKV 10/8 S T	60180268	16.989
2NKV 10/9 S T	60180269	17.214
2NKV 10/10 S T	60180270	18.257
2NKV 10/12 S T	60180271	18.805
2NKV 10/15 S T	60180272	20.313
2NKV 15/5 S T	60180275	20.125
2NKV 15/6 S T	60180276	21.350
2NKV 15/7 S T	60180277	21.862
2NKV 15/8 S T	60180278	23.198
2NKV 15/9 S T	60180279	23.784
2NKV 15/10 S T	60180280	25.519
2NKV 20/3 S T	60180281	20.405
2NKV 20/4 S T	60180282	21.728
2NKV 20/5 S T	60180283	22.444
2NKV 20/6 S T	60180284	24.336
2NKV 20/7 S T	60180285	24.773
2NKV 20/8 S T	60180286	27.905
2NKV 20/9 S T	60180287	28.671
2NKV 20/10 S T	60180288	29.466
2NKV 32/2-2 T	60180289	27.115
2NKV 32/2 T	60180290	29.485
2NKV 32/3-2 T	60180291	29.485
2NKV 32/3 T	60180292	32.100
2NKV 32/4-2 T	60180293	32.772
2NKV 32/4 T	60180294	36.611
2NKV 32/5-2 T	60180295	37.471
2NKV 32/5 T	60180296	41.296
2NKV 32/6-2 T	60180297	41.296
2NKV 32/6 T	60180298	42.125
2NKV 45/2-2 T	60180299	31.417
2NKV 45/2 T	60180300	34.056
2NKV 45/3-2 T	60180301	39.078
2NKV 45/3 T	60180302	39.078
2NKV 45/4-2 T	60180303	43.899
2NKV 45/4 T	60180304	43.899
2NKV 45/5-2 T	60180305	50.080
2NKV 45/5 T	60180306	49.415
2NKV 45/6-2 T	60180307	53.253
2NKV 45/6 T	60180308	53.253

MODEL	CODE	PRICE €
3NKV 10/5 S T	60180285	21.513
3NKV 10/6 S T	60180286	21.832
3NKV 10/7 S T	60180287	22.397
3NKV 10/8 S T	60180288	22.888
3NKV 10/9 S T	60180289	23.220
3NKV 10/10 S T	60180290	24.847
3NKV 10/12 S T	60180291	25.660
3NKV 10/15 S T	60180292	27.852
3NKV 15/5 S T	60180295	25.417
3NKV 15/6 S T	60180296	27.179
3NKV 15/7 S T	60180297	27.949
3NKV 15/8 S T	60180298	30.185
3NKV 15/9 S T	60180299	31.068
3NKV 15/10 S T	60180300	34.602
3NKV 20/3 S T	60180298	25.837
3NKV 20/4 S T	60180299	27.745
3NKV 20/5 S T	60180300	28.820
3NKV 20/6 S T	60180301	31.904
3NKV 20/7 S T	60180302	32.566
3NKV 20/8 S T	60180303	36.814
3NKV 20/9 S T	60180304	37.979
3NKV 20/10 S T	60180305	39.179
3NKV 32/2-2 T	60180301	36.245
3NKV 32/2 T	60180302	39.803
3NKV 32/3-2 T	60180303	39.803
3NKV 32/3 T	60180304	43.871
3NKV 32/4-2 T	60180305	44.882
3NKV 32/4 T	60180306	50.515
3NKV 32/5-2 T	60180307	51.819
3NKV 32/5 T	60180308	56.116
3NKV 32/6-2 T	60180309	56.116
3NKV 32/6 T	60180310	57.371
3NKV 45/2-2 T	60180304	43.207
3NKV 45/2 T	60180305	47.349
3NKV 45/3-2 T	60180306	54.778
3NKV 45/3 T	60180307	54.778
3NKV 45/4-2 T	60180308	60.406
3NKV 45/4 T	60180309	60.406
3NKV 45/5-2 T	60180310	66.288
3NKV 45/5 T	60180311	66.288
3NKV 45/6-2 T	60180312	71.657
3NKV 45/6 T	60180313	71.657

MODEL	CODE	PRICE €
4NKV 10/5 S T	60180306	28.261
4NKV 10/6 S T	60180307	28.683
4NKV 10/7 S T	60180309	29.424
4NKV 10/8 S T	60180311	30.065
4NKV 10/9 S T	60180314	30.507
4NKV 10/10 S T	60180315	32.638
4NKV 10/12 S T	60180316	33.710
4NKV 15/5 S T	60180319	33.388
4NKV 15/6 S T	60180320	35.707
4NKV 15/7 S T	60180322	36.716
4NKV 15/8 S T	60180323	40.032
4NKV 15/9 S T	60180324	41.206
4NKV 15/10 S T	60180325	45.891
4NKV 20/3 S T	60180324	33.944
4NKV 20/4 S T	60180325	36.449
4NKV 20/5 S T	60180326	37.863
4NKV 20/6 S T	60180327	42.314
4NKV 20/7 S T	60180328	43.192
4NKV 20/8 S T	60180329	48.824
4NKV 20/9 S T	60180330	50.367
4NKV 20/10 S T	60180331	51.960
4NKV 32/2-2 T	60180329	44.734
4NKV 32/2 T	60180330	49.620
4NKV 32/3-2 T	60180331	49.620
4NKV 32/3 T	60180332	55.109
4NKV 32/4-2 T	60180333	56.472
4NKV 32/4 T	60180334	67.092
4NKV 32/5-2 T	60180335	68.477
4NKV 32/5 T	60180336	72.748
4NKV 32/6-2 T	60180337	72.748
4NKV 32/6 T	60180338	74.435
4NKV 45/2-2 T	60180339	56.540
4NKV 45/2 T	60180340	62.269
4NKV 45/3-2 T	60180341	74.342
4NKV 45/3 T	60180342	74.342
4NKV 45/4-2 T	60180343	80.995
4NKV 45/4 T	60180344	80.995
4NKV 45/5-2 T	60180345	89.299
4NKV 45/5 T	60180346	89.299
4NKV 45/6-2 T	60180347	95.747
4NKV 45/6 T	60180348	95.747

2 NKV 10, 15, 20 - EBOX

PRESSURIZATION GROUPS WITH 2 MULTISTAGE CENTRIFUGAL PUMPS WITH A VERTICAL AXIS



Construction features - Groups with 2 pumps

- Groups consisting of N. 2 main electric pumps centrifugal multi-stage on a vertical axis NKV.
- Impellers in stainless steel AISI 304, all parts in contact with liquid are stainless.
- Three phase asynchronous motor, motor-pump by means of a rigid coupling.
- Pumps mounted on a single base in galvanized steel.

HYDRAULIC GROUP

Intake Manifold Inox, Stainless steel manifold, pressure transducer, electrical control panel, n. 2 expansion tanks, each suction pump with inlet shutoff valves, each pump with outlet shutoff and check valves.

ELECTRICAL CONTROL PANEL

EBox IP54 switchboard mounted on the crankcase pumps. Direct start up to 5.5 kw including, front panel switches for AUT-0-MAN operation, warning lights.

Line voltage 400V three phase.

Electric pump voltage 400V three phase.

Power frequency 50 Hz.

Installation vertical only.

Operating range from 4 to 280 m³/h.

Liquid temperature range

From 0°C to +120°C (80°C with expansion vessel installed)

Maximum ambient temperature 50°C.

Max pressure 16 bar.

Pumped liquid clean, free of solids.

Pressure control range from 3 to 14 bar.

Protection class IP55.

The units comprise 1 x 18-litre expansion vessel for each pump and delivery and suction manifolds in AISI 304 stainless steel



THREE-PHASE MOTORS	P2	< 0,75 kW	IE2
		≥ 0,75 kW < 75 kW	IE3
		≥ 75 kW	IE4



MODEL	CODE	PRICE €	ELECTRICAL DATA			Ø		WEIGHT kg
			POWER SUPPLY 50 Hz	P2 NOMINAL				
				kW X 2	HP X 2	DNA	DNM	
2NKV 10/5 T S EBOX 400/50	60180333	13.050	3 x 400 V	2x1,5	2x2	2" 1/2	2" 1/2	238
2NKV 10/6 T S EBOX 400/50	60180334	13.265	3 x 400 V	2x2.2	2x3	2" 1/2	2" 1/2	239
2NKV 10/7 T S EBOX 400/50	60180335	13.643	3 x 400 V	2x2.2	2x3	2" 1/2	2" 1/2	259
2NKV 10/8 T S EBOX 400/50	60180336	13.972	3 x 400 V	2x3	2x4	2" 1/2	2" 1/2	261
2NKV 10/9 T S EBOX 400/50	60180337	14.198	3 x 400 V	2x3	2x4	2" 1/2	2" 1/2	263
2NKV 10/10 T S EBOX 400/50	60180338	15.252	3 x 400 V	2x4	2x5.5	2" 1/2	2" 1/2	282
2NKV 10/12 T S EBOX 400/50	60180339	15.801	3 x 400 V	2x4	2x5.5	2" 1/2	2" 1/2	286
2NKV 10/15 T S EBOX 400/50	60180340	17.329	3 x 400 V	2x5.5	2x7.5	2" 1/2	2" 1/2	342
2NKV 15/4 T S EBOX 400/50	60207810	16.322	3 x 400 V	2x4	2x5.5	100	80	280
2NKV 15/5 T S EBOX 400/50	60180343	16.927	3 x 400 V	2x4	2x5.5	100	80	285
2NKV 15/6 T S EBOX 400/50	60180344	18.164	3 x 400 V	2x5.5	2x7.5	100	80	374
2NKV 15/7 T S EBOX 400/50	60180345	18.681	3 x 400 V	2x5.5	2x7.5	100	80	377
2NKV 20/3 T S EBOX 400/50	60180346	17.212	3 x 400 V	2x3	2x4	100	80	284
2NKV 20/4 T S EBOX 400/50	60180348	18.545	3 x 400 V	2x4	2x5.5	100	80	364
2NKV 20/5 T S EBOX 400/50	60180349	19.269	3 x 400 V	2x5.5	2x7.5	100	80	366

2, 3 NKP-G, K

SETS WITH CENTRIFUGAL PUMPS NKP-G, K



Water lifting sets suitable for civilian installation, condominium, hotels, tourist facilities and industrial uses.

Lifting units equipped with 2, 3 centrifugal pumps K series (twin impeller) and NKP, NKP-G series.

All lifting are complete with galvanised steel base, suction and delivery manifold (for units with one pump only delivery manifold), one stop valve on suction side for each pump and stop valve and not return valve on delivery side for each pump.

2 or 3 20 liters membrane tanks; pressure transmitter (pressure switch for 2, 3 K 55/200) and pressure gauge on delivery manifold. Electrical panel: IP55, direct starting for single motors inputs up to 7,5 kW (included) and star-delta starting for single motors from 9,2 kW.

- Weekly test included as standard for all units.

- Available, where indicated, also with the relative pilot pump KVCX series.

- The units is supplied assembled, tested, in a strong cardboard box with wooden pallet and instructions sheet with electrical diagram.

Weekly test included in the PS versions

Line voltage 400V three phase.

Electric pump voltage 400V three phase.

Power frequency 50-60 Hz.

Installation vertical only.

Operating range 4 to 720 m³/h.

Liquid temperature range

From -15°C to +70°C (max 40°C for the version with jockey pump).

Maximum ambient temperature 40°C.

Max pressure 10 bar.

Pumped liquid clean, free of solids.

Protection class IP55.

THREE-PHASE MOTORS	P2	< 0,75 kW	IE2
		≥ 0,75 kW < 75 kW	IE3
		≥ 75 kW	IE4

2 K, 2 NKP-G

2 CENTRIFUGAL PUMP		
MODEL	CODE	PRICE €
2 K55/200 T	60180360	10.349
2 K55/200 T + PS	60180361	12.848
2K 70/300 400-50	60180362	18.647
2K 80/300 400-50	60169906	18.940
2K 70/400 400-50	60169907	21.941
2K 80/400 400-50	60169908	22.379
2NKP-G 32-160/151 3 400-50	60180363	16.652
2NKP-G 32-160/163 4 400-50	60180364	17.111
2NKP-G 32-200/190 5,5 400-50	60180365	17.396
2NKP-G 32-200/210 7,5 400-50	60169909	18.560
2NKP-G 40-160/158 5,5 400-50	60180366	17.737
2NKP-G 40-160/172 7,5 400-50	60169910	19.333
2NKP-G 40-200/210 11 400-50	60169911	23.073
2NKP-G 40-250/230 15 400-50	60169913	26.303
2NKP-G 40-250/245 18,5 400-50	60169914	27.782
2NKP-G 40-250/260 22 400-50	60169915	29.339
2NKP-G 50-160/153 7,5 400-50	60169916	20.999
2NKP-G 50-160/169 11 400-50	60169917	24.196
2NKP-G 50-200/200 15 400-50	60169918	27.661
2NKP-G 50-200/210 18,5 400-50	60169919	29.186
2NKP-G 50-200/219 22 400-50	60169920	30.736
2NKP-G 50-250/230 22 400-50	60169921	31.138
2NKP-G 50-250/257 30 400-50	60169922	35.726
2NKP-G 65-160/157 11 400-50	60169923	29.601
2NKP-G 65-160/173 15 400-50	60169924	31.447
2NKP-G 65-200/190 18,5 400-50	60169925	33.656
2NKP-G 65-200/200 22 400-50	60169926	35.445
2NKP-G 65-200/219 30 400-50	60169927	40.247
2NKP-G 80-160/153 15 400-50	60169928	35.005
2NKP-G 80-160/163 18,5 400-50	60169929	36.519
2NKP-G 80-160/169 22 400-50	60169930	38.311
2NKP-G 80-200/190 30 400-50	60169931	44.060

2 CENTRIFUGAL PUMP + PILOT PUMP KVCX		
MODEL	CODE	PRICE €
2 K55/200 T (JOCKEY PUMP KV 6/7 T)	60180367	14.840
2 K55/200 T (JOCKEY PUMP KV 6/7 T) + PS	60180368	17.339
2K 70/300-KVCX 65-50 400-50	60180369	21.288
2K 80/300-KVCX 65-50 400-50	60169932	21.582
2K 70/400-KVCX 65-80 400-50	60169933	24.582
2K 80/400-KVCX 65-80 400-50	60169934	25.021
2NKP-G 32-160/151 3-KVCX 65-50 400-50	60180370	19.295
2NKP-G 32-160/163 4-KVCX 65-50 400-50	60180371	19.749
2NKP-G 32-200/190 5,5-KVCX 65-50 400-50	60180372	20.032
2NKP-G 32-200/210 7,5-KVCX 65-50 400-50	60169935	21.202
2NKP-G 40-160/158 5,5-KVCX 65-50 400-50	60180373	20.380
2NKP-G 40-160/172 7,5-KVCX 65-50 400-50	60169936	21.974
2NKP-G 40-200/210 11-KVCX 65-80 400-50	60169937	25.716
2NKP-G 40-250/230 15-KVCX 65-80 400-50	60169938	28.942
2NKP-G 40-250/245 18,5-KVCX 65-80 400-50	60169939	30.422
2NKP-G 40-250/260 22-KVCX 65-80 400-50	60169940	31.974
2NKP-G 50-160/153 7,5-KVCX 65-50 400-50	60169941	23.639
2NKP-G 50-160/169 11-KVCX 65-80 400-50	60169942	26.839
2NKP-G 50-200/200 15-KVCX 65-80 400-50	60169943	30.304
2NKP-G 50-200/210 18,5-KVCX 65-80 400-50	60169944	31.828
2NKP-G 50-200/219 22-KVCX 65-80 400-50	60169945	33.374
2NKP-G 50-250/230 22-KVCX 65-80 400-50	60169946	33.779
2NKP-G 50-250/257 30-KVCX 65-80 400-50	60169947	38.372
2NKP-G 65-160/157 11-KVCX 65-80 400-50	60169948	32.242
2NKP-G 65-160/173 15-KVCX 65-80 400-50	60169949	34.088
2NKP-G 65-200/190 18,5-KVCX 65-80 400-50	60169950	36.296
2NKP-G 65-200/200 22-KVCX 65-80 400-50	60169951	38.087
2NKP-G 65-200/219 30-KVCX 65-80 400-50	60169952	42.889
2NKP-G 80-160/153 15-KVCX 65-80 400-50	60169953	37.640
2NKP-G 80-160/163 18,5-KVCX 65-80 400-50	60169954	39.158
2NKP-G 80-160/169 22-KVCX 65-80 400-50	60169955	40.951
2NKP-G 80-200/190 30-KVCX 65-80 400-50	60169956	46.701

2, 3 NKP-G, K

SETS WITH CENTRIFUGAL PUMPS NKP-G, K



3 K, 3 NKP-G

3 CENTRIFUGAL PUMP		
MODEL	CODE	PRICE €
3 K55/200 T	60180374	13.872
3 K55/200 T + PS	60180375	16.618
3 K 70/300 400-50	60180376	24.550
3 K 80/300 400-50	60169957	25.120
3 K 70/400 400-50	60169958	29.185
3 K 80/400 400-50	60169959	29.667
3NKP-G 32-160/151 3 400-50	60180377	21.603
3NKP-G 32-160/163 4 400-50	60180378	22.290
3NKP-G 32-200/190 5,5 400-50	60180379	22.669
3NKP-G 32-200/210 7,5 400-50	60169960	24.556
3NKP-G 40-160/158 5,5 400-50	60180380	23.053
3NKP-G 40-160/172 7,5 400-50	60169961	25.576
3NKP-G 40-200/210 11 400-50	60169962	30.573
3NKP-G 40-250/230 15 400-50	60169963	35.765
3NKP-G 40-250/245 18,5 400-50	60169964	37.551
3NKP-G 40-250/260 22 400-50	60169965	39.962
3NKP-G 50-160/153 7,5 400-50	60169966	28.387
3NKP-G 50-160/169 11 400-50	60169967	32.573
3NKP-G 50-200/200 15 400-50	60169968	38.117
3NKP-G 50-200/210 18,5 400-50	60169969	39.964
3NKP-G 50-200/219 22 400-50	60169970	42.373
3NKP-G 50-250/230 22 400-50	60169972	42.981
3NKP-G 50-250/257 30 400-50	60169975	50.349
3NKP-G 65-160/157 11 400-50	60169985	40.598
3NKP-G 65-160/173 15 400-50	60169987	43.810
3NKP-G 65-200/190 18,5 400-50	60169988	46.684
3NKP-G 65-200/200 22 400-50	60169989	49.453
3NKP-G 65-200/219 30 400-50	60169990	57.145
3NKP-G 80-160/153 15 400-50	60169991	49.361
3NKP-G 80-160/163 18,5 400-50	60169992	51.198
3NKP-G 80-160/169 22 400-50	60169993	53.970
3NKP-G 80-200/190 30 400-50	60169994	63.080

3 CENTRIFUGAL PUMP + PILOT PUMP KVCX		
MODEL	CODE	PRICE €
3K 70/300-KVCX 65-50 400-50	60180385	27.193
3K 80/300-KVCX 65-50 400-50	60169995	27.766
3NKP-G 32-160/151 3-KVCX 65-50 400-50	60180386	24.244
3NKP-G 32-160/163 4-KVCX 65-50 400-50	60180387	24.932
3NKP-G 32-200/190 5,5-KVCX 65-50 400-50	60180388	25.310
3NKP-G 32-200/210 7,5-KVCX 65-50 400-50	60169999	27.194
3NKP-G 40-160/158 5,5-KVCX 65-50 400-50	60180389	25.696
3NKP-G 40-160/172 7,5-KVCX 65-50 400-50	60170000	28.218
3NKP-G 40-200/210 11-KVCX 65-80 400-50	60170002	33.214
3NKP-G 40-250/230 15-KVCX 65-80 400-50	60170004	38.401
3NKP-G 40-250/245 18,5-KVCX 65-80 400-50	60170008	40.193
3NKP-G 40-250/260 22-KVCX 65-80 400-50	60170011	42.605
3NKP-G 50-160/153 7,5-KVCX 65-50 400-50	60170014	31.033
3NKP-G 50-160/169 11-KVCX 65-80 400-50	60170016	35.217
3NKP-G 50-200/200 15-KVCX 65-80 400-50	60170018	40.759
3NKP-G 50-200/210 18,5-KVCX 65-80 400-50	60170020	42.608
3NKP-G 50-200/219 22-KVCX 65-80 400-50	60170022	45.015
3NKP-G 50-250/230 22-KVCX 65-80 400-50	60170026	45.621
3NKP-G 50-250/257 30-KVCX 65-80 400-50	60170029	52.988
3NKP-G 65-160/157 11-KVCX 65-80 400-50	60170031	43.240
3NKP-G 65-160/173 15-KVCX 65-80 400-50	60170034	46.448
3NKP-G 65-200/190 18,5-KVCX 65-80 400-50	60170036	49.322
3NKP-G 65-200/200 22-KVCX 65-80 400-50	60170038	52.090
3NKP-G 65-200/219 30-KVCX 65-80 400-50	60170040	59.788
3NKP-G 80-160/153 15-KVCX 65-80 400-50	60170043	51.997
3NKP-G 80-160/163 18,5-KVCX 65-80 400-50	60170044	53.833
3NKP-G 80-160/169 22-KVCX 65-80 400-50	60170045	56.606
3NKP-G 80-200/190 30-KVCX 65-80 400-50	60170048	65.717

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

2, 3 KVC - AD PLUS

VARIABLE SPEED BOOSTER SETS WITH ACTIVE DRIVER PLUS



2, 3 KVC - AD Plus are **variable speed booster sets** with 2 or 3 vertical multistage centrifugal pumps particularly suitable for domestic, small civil or industrial use.

Thanks to the use of the Active Driver Plus variable frequency drive, they guarantee performance that automatically adapts to different system requirements by meeting the **constant pressure** demands of modern system technology.

Constant pressure control is used in a wide variety of sectors: Aqueducts - Irrigation - Industry - Hotels - Housing - Spas.

Highly reliable, easy to operate and low maintenance.

Construction features - main components:

- 2 to 3 KVC vertical multistage electric pumps.
- Galvanised sheet metal base complete with 4 rubber anti-vibration feet.
- Suction and delivery manifolds in stainless steel.
- Active Driver Plus variable frequency drive on the delivery side of each pump.
- 1 8-litre expansion tank per set (for 18-litre size 85/120).
- 1 protection panel.

Operating range 0.5 to 36 m³/h

Pumped liquid clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral, similar to the characteristics of water.

Liquid temperature range

0 °C to +40 °C.

Maximum ambient temperature +40 °C

Maximum working pressure PN12 (12 bar).

Protection degree IP55

Special designs on request up to 4 pumps on request, unlisted voltages and/or frequencies.

Up to 4 pumps on request

All domestic sets with Active Driver Plus include 1 8-litre expansion tank and AISI 304 stainless steel delivery and suction manifolds.



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2 KVC - AD PLUS

MODEL	CODE	PRICE €	ELECTRICAL DATA			HYDRAULIC DATA		Ø		WEIGHT kg
			POWER SUPPLY 50 Hz	P2 NOMINAL		Q m³/h	H m			
				kW X 2	HP X 2					
2 KVC A.D. 30/50 M / T	60122650	7.116	1X230V ~	0.75	1	0,5-4,8-9,6	41-35-17	2"	2"	76
2 KVC A.D. 55/50 M / T	60122651	7.239	1X230V ~	1	1.36	0,5-4,8-9,6	68-58-29	2"	2"	83
2 KVC A.D. 75/50 T / T	60122655	8.333	3X400 V ~	1.5	2	0,5-4,8-9,6	94-81-40	2"	2"	91
2 KVC A.D. 30/80 M / T	60122656	7.190	1X230V ~	1	1.3	0,7-9,6-18	37-30-11	2"	2"	80
2 KVC A.D. 30/80 T / T	60122657	7.775	3X400V ~	1	1.3	0,7-9,6-18	37-30-11	2"	2"	80
2 KVC A.D. 45/80 M / T	60122659	7.423	1X230V ~	1.5	2	0,7-9,6-18	65-53-21	2"	2"	89
2 KVC A.D. 45/80 T / T	60122660	8.308	3X400V ~	1.5	2	0,7-9,6-18	65-53-21	2"	2"	89
2 KVC A.D. 65/80 T / N	60122661	6.973	3X400V ~ + N	2.2	3	0,7-9,6-18	88-71-31	2"	2"	93
2 KVC A.D. 65/80 T / T	60122662	8.377	3X400V ~	2.2	3	0,7-9,6-18	88-71-31	2"	2"	93
2 KVC A.D. 35/120 M / T	60122663	8.047	1X230V ~	1.1	1.5	1,2-12-24	46-37-12	2"	2"	81
2 KVC A.D. 45/120 M / T	60122665	8.412	1X230V ~	1.85	2.5	1,2-12-24	62-52-17	2"	2"	83
2 KVC A.D. 45/120 T / T	60122666	9.352	3X400V ~	1.85	2.5	1,2-12-24	62-52-17	2"	2"	83
2 KVC A.D. 60/120 T / T	60122667	9.589	3X400V ~	2.2	3	1,2-12-24	78-63-25	2"	2"	89
2 KVC A.D. 70/120 T / T	60122668	10.683	3X400V ~	3	4	1,2-12-24	95-78-31	2"	2"	95
2 KVC A.D. 85/120 T / T	60122669	12.167	3X400V ~	3	4	1,2-12-24	112-90-34	2"	2"	97

2, 3 KVC - AD PLUS

VARIABLE SPEED BOOSTER SETS WITH ACTIVE DRIVER PLUS



3 KVC - AD PLUS

MODEL	CODE	PRICE €	ELECTRICAL DATA			HYDRAULIC DATA		Ø		WEIGHT kg
			POWER SUPPLY 50 Hz	P2 NOMINAL		Q m³/h	H m			
				kW x 3	HP x 3			A	M	
3 KVC A.D. 30/50 M / T	60122670	10.765	1 X 230 V ~	0.55	0.75	0,5-7,2-14,4	41-35-17	2" ½	2" ½	97
3 KVC A.D. 75/50 T / N	60122672	12.597	3 X 400 V ~ + N	1.5	2	0,5-7,2-14,4	94-81-40	2" ½	2" ½	97
3 KVC A.D. 30/80 T / N	60122673	10.884	3 X 400 V ~ + N	0.9	1.2	0,7-14,4-27	37-30-11	2" ½	2" ½	97
3 KVC A.D. 40/80 T / N	60140189	10.884	3 X 400 V ~ + N	1	1.3	0,7-14,4-27	50-39-13	2" ½	2" ½	97
3 KVC A.D. 45/80 T / N	60122674	12.557	3 X 400 V ~ + N	1.1	1.5	0,7-14,4-27	65-53-21	2" ½	2" ½	97
3 KVC A.D. 65/80 T / N	60122675	12.656	3 X 400 V ~ + N	2.2	3	0,7-14,4-27	88-71-31	2" ½	2" ½	97
3 KVC A.D. 35/120 T / T	60122677	12.803	3 X 400 V ~	1.1	1.5	1,2-18-36	46-37-12	2" ½	2" ½	156
3 KVC A.D. 45/120 T / N	60122678	12.333	3 X 400 V ~ + N	1.85	2.5	1,2-18-36	62-52-17	2" ½	2" ½	156
3 KVC A.D. 45/120 T / T	60122679	13.358	3 X 400 V ~	1.85	2.5	1,2-18-36	62-52-17	2" ½	2" ½	153
3 KVC A.D. 60/120 T / T	60122680	15.034	3 X 400 V ~	2.2	3	1,2-18-36	78-63-25	2" ½	2" ½	153
3 KVC A.D. 70/120 T / T	60122682	15.723	3 X 400 V ~	3	4	1,2-18-36	95-78-31	2" ½	2" ½	153
3 KVC A.D. 85/120 T / T	60122683	18.616	3 X 400 V ~	3	4	1,2-18-36	112-90-34	2" ½	2" ½	153

⁽¹⁾ On request with 3x400 V three-phase supply without neutral.

The set comes assembled and tested, in a sturdy cardboard box with wooden pallet and instruction sheet with circuit diagram.

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

2, 3 KVCXE - MCE-P DCONNECT

VARIABLE SPEED BOOSTER SETS WITH MCE-P AND DCONNECT



DConnect
included

Booster sets with 2 or 3 KVCX pumps with MCE-P variable frequency drive and DConnect Box installed as standard. Designed for pressurization in civil and commercial installations and for agricultural irrigation. The use of vertical multi-impeller pumps limits the footprint. One expansion tank per set. Galvanised sheet metal base with rubber anti-vibration feet. Galvanised steel suction and delivery manifolds. Suction non-return valves for each pump.

DConnect Box included as standard, installed in an IP65 panel. The DConnect cloud service can be managed from the internet-pumps.com website or from the DConnect app (Android or iOS), where you can control the installations remotely and receive alarms in real time through an extremely functional and clear user interface.

Operating range

0.5 to 36 m³/h with head up to 112 metres.

Pumped liquid

Clean, free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Liquid temperature range

0 °C to +40 °C.

Maximum ambient temperature +40 °C.

Maximum working pressure

12 bar / 1200 kPa.

Protection degree

IP55.

Special designs on request

Different voltages or frequencies, models with up to four pumps.



MCE-P
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MODEL	CODE	PRICE €	ELECTRICAL DATA			HYDRAULIC DATA		Ø		WEIGHT kg
			POWER SUPPLY 50 Hz	P2 NOMINAL		Q m³/h	H m			
				kW	HP			A	M	
2KVCXE 45/80 T+N MCE/P DCONNECT	60198586	10.789	3X400V ~+N	2x1.1	2x1.5	0,7-9,6-18	65-53-21	2"	2"	148.6
2KVCXE 35/120 T+N MCE/P DCONNECT	60198587	8.457	3X400V ~+N	2x1.1	2x1.5	1,2-12-24	46-37-12	2"	2"	148.5
2KVCXE 45/120 T+N MCE/P DCONNECT	60198588	8.844	3X400V ~+N	2x1.85	2x2.5	1,2-12-24	62-52-17	2"	2"	148.7
2KVCXE 60/120 T MCE/P DCONNECT	60198589	12.722	3X400V ~	2x2.2	2x3	1,2-12-24	78-63-25	2"	2"	148.7
3KVCXE 45/120 T+N MCE/P DCONNECT	60198591	13.627	3X400V ~+N	3x1.85	3x2.5	1,2-18-36	62-52-17	2½"	2½"	168.5
3KVCXE 60/120 T MCE/P DCONNECT	60198592	18.211	3X400V ~	3x2.2	3x3	1,2-18-36	78-63-25	2½"	2½"	169.5

2, 3, 4 NKVE 10, 15, 20, 32, 45 - MCE-P

VARIABLE SPEED BOOSTER SETS WITH MCE



DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING



Booster sets with MCE-P variable frequency drive for pressurization in civil and commercial installations and for irrigation. Made up of 2, 3 or 4 NKV multistage pumps with MCE-P variable frequency drive and one expansion tank per pump installed as standard. Models with NKV 10 S, 15 S, 20 S have liquid contact parts in AISI 304 stainless steel. Models with NKV 32 and NKV 45 have a cathophoresis treated cast iron pump body and AISI 304 stainless steel impellers, diffusers and pump liner. MCE-P variable frequency drives installed on board the pump enable constant pressure. There is a protection panel and a pressure transmitter for each set, and a delivery non-return valve for each pump. Suction and delivery manifolds in AISI 304 stainless steel. X version can be fitted with AISI 316 stainless steel water contact parts on request. The sets are delivered assembled, set up and tested at the factory. Pumps coupled via rigid coupling to energy-efficient IE3 electric motors. Remote control is possible thanks to the DConnect service (DConnect Box supplied separately). Remote control is possible thanks to the DConnect service (DConnect Box supplied separately).

Operating range

0.5 to 280 m³/h head up to 140 m.

Pumped liquid clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Liquid temperature range 0°C to +120°C (80°C with expansion vessel installed).

Maximum ambient temperature +50°C

Maximum working pressure 16 bar / 1600 kPa.

Protection degree IP55

Special designs on request Yes, different voltages or frequencies or support for particular liquids, sets of up to six pumps, **X version material in contact with water in AISI 316 steel.**

The sets are delivered assembled, set up and tested at the factory and complete with installation and maintenance instructions and test report.

Sets include 1 18-litre expansion tank for each pump and AISI 304 stainless steel delivery and suction manifolds.



MCE-P
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ACCESSORIES
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2 NKVE 10, 15, 20, 32, 45 - MCE-P

MODEL	CODE	PRICE €	ELECTRICAL DATA				FLOW RATE m³/h	MAXIMUM ACHIEVABLE PRESSURE BAR	STANDARD PRESSURE	DNA	DNM	WEIGHT kg
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A						
				kW	HP							
2NKVE 10/5 S T MCE 400-50	60148092	17.570	3 X 400 V ~	2x1.5	2x2	2x3.8	26	5	4.0	2" ½	2" ½	186
2NKVE 10/6 S T MCE 400-50	60151474	17.793	3 X 400 V ~	2x2.2	2x3	2x5.8	26	6	5.0	2" ½	2" ½	187
2NKVE 10/7 S T MCE 400-50	60148094	18.606	3 X 400 V ~	2x2.2	2x3	2x5.8	26	7	6	2" ½	2" ½	214
2NKVE 10/8 S T MCE 400-50	60148095	18.936	3 X 400 V ~	2x3	2x4	2x7.37	26	8	6.5	2" ½	2" ½	216
2NKVE 10/9 S T MCE 400-50	60148096	19.163	3 X 400 V ~	2x3	2x4	2x7.1	26	9	7.7	2" ½	2" ½	218
2NKVE 10/10 S T MCE 400-50	60148097	20.238	3 X 400 V ~	2x4	2x5.5	2x10.1	26	10	8.5	2" ½	2" ½	237
2NKVE 10/12 S T MCE 400-50	60148098	22.203	3 X 400 V ~	2x4	2x5.5	2x10.1	26	12	10	2" ½	2" ½	240
2NKVE 10/15 S T MCE 400-50	60148099	23.652	3 X 400 V ~	2x5.5	2x7.5	2x12.6	26	14	10	2" ½	2" ½	298
2NKVE 15/3 S T MCE 400-50	60207726	18.650	3 X 400 V ~	2x2.2	2x3	2.5x8	48	4	3.5	100	80	238
2NKVE 15/4 S T MCE 400-50	60207639	19.563	3 X 400 V ~	2x3	2x4	2x7.37	48	5	4	100	80	258
2NKVE 15/5 S T MCE 400-50	60148102	21.747	3 X 400 V ~	2x4	2x5.5	2x10.1	48	6.5	5	100	80	261
2NKVE 15/6 S T MCE 400-50	60148103	22.909	3 X 400 V ~	2x5.5	2x7.5	2x12.6	48	7.5	6.5	100	80	317
2NKVE 15/7 S T MCE 400-50	60148104	23.433	3 X 400 V ~	2x5.5	2x7.5	2x13.1	48	9	8	100	80	319
2NKVE 15/8 S T MCE 400-50	60148115	23.620	3 X 400 V ~	2x7.5	2x10	2x17	48	11	10	100	80	344
2NKVE 15/9 S T MCE 400-50	60148105	24.201	3 X 400 V ~	2x7.5	2x10	2x17.6	48	12	11	100	80	347
2NKVE 15/10 S T MCE 400-50	60148106	29.360	3 X 400 V ~	2x11	2x15	2x24.8	48	13	12	100	80	459

2, 3, 4 NKVE 10, 15, 20, 32, 45 - MCE-P

VARIABLE SPEED BOOSTER SETS WITH MCE



2 NKVE 10, 15, 20, 32, 45 - MCE-P

MODEL	CODE	PRICE €	ELECTRICAL DATA				FLOW RATE m³/h	MAXIMUM ACHIEVABLE PRESSURE BAR	STANDARD PRESSURE	DNA	DNM	WEIGHT kg
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A						
				kW	HP							
2NKVE 20/3 S T MCE 400-50	60148107	20.621	3 X 400 V ~	2x3	2x4	2x7.1	58	4	3.5	100	80	228
2NKVE 20/4 S T MCE 400-50	60148108	23.291	3 X 400 V ~	2x4	2x5.5	2x10.1	58	6	5	100	80	256
2NKV 20/5 S T MCE 400-50	60148109	24.017	3 X 400 V ~	2x5.5	2x7.5	2x12.9	58	7	6	100	80	260
2NKVE 20/6 S T MCE 400-50	60148110	25.476	3 X 400 V ~	2x7.5	2x10	2x16.5	58	8.5	7.5	100	80	284
2NKVE 20/7 S T MCE 400-50	60148111	25.909	3 X 400 V ~	2x7.5	2x10	2x16.5	58	10	9	100	80	286
2NKVE 20/8 S T MCE 400-50	60148112	30.737	3 X 400 V ~	2x11	2x15	2x24.8	58	11.5	10	100	80	350
2NKVE 20/9 S T MCE 400-50	60148113	31.498	3 X 400 V ~	2x11	2x15	2x24.8	58	13	12	100	80	352
2NKVE 20/10 S T MCE 400-50	60148114	32.282	3 X 400 V ~	2x11	2x15	2x24.8	58	14	13	100	80	374
2NKVE 32/2 T MCE 400-50	60166808	32.244	3 x 400 V ~	2x5.5	2x7.5	2x12.6	90	4.8	4	125	100	476
2NKVE 32/3-2 T MCE 400-50	60166809	32.466	3 x 400 V ~	2x5.5	2x7.5	2x12.6	90	6	5	125	100	484
2NKVE 32/3 T MCE 400-50	60166810	37.029	3 x 400 V ~	2x7.5	2x10	2x16.5	90	7.3	6	125	100	506
2NKVE 32/4 T MCE 400-50	60166811	40.073	3 x 400 V ~	2x11	2x15	2x24.8	90	9.8	8	125	100	616
2NKVE 32/5-2 T MCE 400-50	60166812	40.901	3 x 400 V ~	2x11	2x15	2x24.8	90	10.9	9	125	100	624
2NKVE 32/5 T MCE 400-50	60166813	46.932	3 x 400 V ~	2x15	2x20	2x33.6	90	12.2	10	125	100	652
2NKVE 32/6 T MCE 400-50	60166814	47.728	3 x 400 V ~	2x15	2x20	2x33.6	90	14.6	12	125	100	660
2NKVE 45/2-2 T MCE 400-50	60166815	35.213	3 x 400 V ~	2x5.5	2x7.5	2x12.6	140	3.8	3	150	125	488
2NKVE 45/2 T MCE 400-50	60166816	39.758	3 x 400 V ~	2x7.5	2x10	2x16.5	140	4.8	4	150	125	510
2NKVE 45/3 T MCE 400-50	60166817	43.299	3 x 400 V ~	2x11	2x15	2x25.1	140	7.3	6.5	150	125	620
2NKVE 45/4 T MCE 400-50	60166818	50.172	3 x 400 V ~	2x15	2x20	2x33.6	140	9.7	8.5	150	125	656

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

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FIRE FIGHTING

2, 3, 4 NKVE 10, 15, 20, 32, 45 - MCE-P

VARIABLE SPEED BOOSTER SETS WITH MCE



3 NKVE 10, 15, 20, 32, 45 - MCE-P

MODEL	CODE	PRICE €	ELECTRICAL DATA				FLOW RATE m³/h	MAXIMUM ACHIEVABLE PRESSURE BAR	STANDARD PRESSURE	DNA	DNM	WEIGHT kg
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A						
				kW	HP							
3NKVE 10/5 S T MCE 400-50	60148118	26.067	3X400V ~	3x1.5	3x2	3x3.8	39	5	4.0	80	80	425
3NKVE 10/6 S T MCE 400-50	60148119	26.396	3X400V ~	3x2.2	3x3	3x5.8	39	6	5.0	80	80	428
3NKVE 10/7 S T MCE 400-50	60148120	27.867	3X400V ~	3x2.2	3x3	3x5.8	39	7	6	80	80	468
3NKVE 10/8 S T MCE 400-50	60148121	28.365	3X400V ~	3x3	3x4	3x7.37	39	8	6.5	80	80	471
3NKVE 10/9 S T MCE 400-50	60148122	28.705	3X400V ~	3x3	3x4	3x7.1	39	9	7.7	80	80	473
3NKVE 10/10 S T MCE 400-50	60148123	30.316	3X400V ~	3x4	3x5.5	3x10.1	39	10	8.5	80	80	503
3NKVE 10/12 S T MCE 400-50	60148124	33.263	3X400V ~	3x4	2x5.5	3x10.1	39	12	10	80	80	508
3NKVE 10/15 S T MCE 400-50	60148125	35.436	3X400V ~	3x5.5	3x7.5	3x12.6	39	14	10	80	80	593
3NKVE 15/3 T MCE 400-50	60207731	27.067	3X400V ~	3x2.2	3x3	3x5.8	72	4	3.5	125	100	486
3NKVE 15/4 T MCE 400-50	60207686	28.440	3X400V ~	3x3	3x4	3x7.37	72	5	4	125	100	516
3NKVE 15/5 S T MCE 400-50	60148128	31.713	3X400V ~	3x4	3x5.5	3x10.1	72	6.5	5	125	100	520
3NKVE 15/6 S T MCE 400-50	60148129	33.455	3X400V ~	3x5.5	3x7.5	3x12.6	72	7.5	6.5	125	100	605
3NKVE 15/7 S T MCE 400-50	60148130	34.237	3X400V ~	3x5.5	3x7.5	3x13.1	72	9	8	125	100	608
3NKVE 15/8 S T MCE 400-50	60148131	34.609	3X400V ~	3x7.5	3x10	3x17	72	11	10	125	100	645
3NKVE 15/9 S T MCE 400-50	60148132	35.476	3X400V ~	3x7.5	3x10	3x17.6	72	12	11	125	100	649
3NKVE 15/10 S T MCE 400-50	60148133	41.330	3X400V ~	3x11	3x15	3x24.8	72	13	12	125	100	818
3NKVE 20/3 S T MCE 400-50	60148134	30.021	3X400V ~	3x3	3x4	3x7.1	87	4	3.5	125	100	471
3NKVE 20/4 S T MCE 400-50	60148135	34.026	3X400V ~	3x4	3x5.5	3x10.1	87	6	5	125	100	513
3NKVE 20/5 S T MCE 400-50	60148136	35.117	3X400V ~	3x5.5	3x7.5	3x12.9	87	7	6	125	100	519
3NKVE 20/6 S T MCE 400-50	60148137	36.301	3X400V ~	3x7.5	3x10	3x16.5	87	8.5	7.5	125	100	556
3NKVE 20/7 S T MCE 400-50	60148138	36.945	3X400V ~	3x7.5	3x10	3x16.5	87	10	9	125	100	559
3NKVE 20/8 S T MCE 400-50	60148139	43.386	3X400V ~	3x11	3x15	3x24.8	87	11.5	10	125	100	655
3NKVE 20/9 S T MCE 400-50	60148140	44.531	3X400V ~	3x11	3x15	3x24.8	87	13	12	125	100	658
3NKVE 20/10 S T MCE 400-5	60148141	45.705	3X400V ~	3x11	3x15	3x24.8	87	14	13	125	100	691
3NKVE 32/2 T MCE 400-50	60166819	44.377	3x400V ~	3x5.5	3x7.5	3x12.6	135	4.8	4	150	125	714
3NKVE 32/3-2 T MCE 400-50	60166820	44.952	3x400V ~	3x5.5	3x7.5	3x12.6	135	6	5	150	125	726
3NKVE 32/3 T MCE 400-50	60166821	51.447	3x400V ~	3x7.5	3x10	3x16.5	135	7.3	6	150	125	759
3NKVE 32/4 T MCE 400-50	60166822	56.157	3x400V ~	3x11	3x15	3x24.8	135	9.8	8	150	125	924
3NKVE 32/5-2 T MCE 400-50	60166823	57.398	3x400V ~	3x11	3x15	3x24.8	135	10.9	9	150	125	936
3NKVE 32/5 T MCE 400-50	60166824	66.230	3x400V ~	3x15	3x20	3x33.6	135	12.2	10	150	125	978
3NKVE 32/6 T MCE 400-50	60166825	67.426	3x400V ~	3x15	3x20	3x33.6	135	14.6	12	150	125	990
3NKVE 45/2-2 T MCE 400-50	60166826	50.872	3x400V ~	3x5.5	3x7.5	3x12.6	210	3.8	3	200	150	732
3NKVE 45/2 T MCE 400-50	60166827	57.587	3x400V ~	3x7.5	3x10	3x16.5	210	4.8	4	200	150	765
3NKVE 45/3 T MCE 400-50	60166828	63.042	3x400V ~	3x11	3x15	3x25.1	210	7.3	6.5	200	150	930
3NKVE 45/4 T MCE 400-50	60166829	73.141	3x400V ~	3x15	3x20	3x33.6	210	9.7	8.5	200	150	984

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

2, 3, 4 NKVE 10, 15, 20, 32, 45 - MCE-P

VARIABLE SPEED BOOSTER SETS WITH MCE



4 NKVE 10, 15, 20, 32, 45 - MCE-P

MODEL	CODE	PRICE €	ELECTRICAL DATA				FLOW RATE m³/h	MAXIMUM ACHIEVABLE PRESSURE BAR	STANDARD PRESSURE	DNA	DNM	WEIGHT kg
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A						
				kW	HP							
4NKVE 10/5 S T MCE 400-50	60163261	34.500	3X400V	4x1.5	4x2	4x4.9	52	5	4	100	80	327
4NKVE 10/6 S T MCE 400-50	60163262	34.935	3X400V	4x2.2	4x3	4x5.4	52	6	5	100	80	571
4NKVE 10/7 S T MCE 400-50	60163263	36.884	3X400V	4x2.2	4x3	4x5.8	52	7	6	100	80	624
4NKVE 10/8 S T MCE 400-50	60163264	37.542	3X400V	4x3	4x4	4x7.1	52	8	6.5	100	80	628
4NKVE 10/9 S T MCE 400-50	60163265	37.995	3X400V	4x3	4x4	4x7.1	52	9	7.7	100	80	631
4NKVE 10/10 S T MCE 400-50	60163266	40.124	3X400V	4x4	4x5.5	4x10.1	52	10	8.5	100	80	671
4NKVE 10/12 S T MCE 400-50	60163267	44.022	3X400V	4x4	4x5.5	4x10.1	52	12	10	100	80	678
4NKVE 15/3 T MCE 400-50	60207662	35.824	3X400V	4x2.2	4x3	4x5.8	96	4	3.5	150	125	648
4NKVE 15/4 T MCE 400-50	60207688	37.638	3X400V	4x3	4x4	4x7.1	96	5	4	150	125	688
4NKVE 15/5 S T MCE 400-50	60163270	41.978	3X400V	4x4	4x5.5	4x10.1	96	6.5	5	150	125	694
4NKVE 15/6 S T MCE 400-50	60163271	44.278	3X400V	4x5.5	4x7.5	4x12.6	96	7.5	6.5	150	125	807
4NKVE 15/7 S T MCE 400-50	60163272	45.316	3X400V	4x5.5	4x7.5	4x13.1	96	9	8	150	125	811
4NKVE 15/8 S T MCE 400-50	60163273	45.805	3X400V	4x7.5	4x10	4x17	96	11	10	150	125	860
4NKVE 15/9 S T MCE 400-50	60163274	46.956	3X400V	4x7.5	4x10	4x17.6	96	12	11	150	125	865
4NKVE 15/10 S T MCE 400-50	60163275	54.699	3X400V	4x11	4x15	4x24.8	96	13	12	150	125	919
4NKVE 20/3 S T MCE 400-50	60163276	39.739	3X400V	4x3	4x4	4x7.1	116	4	3.5	150	125	628
4NKVE 20/4 S T MCE 400-50	60163277	45.034	3X400V	4x4	4x5.5	4x10.1	116	6	5	150	125	684
4NKVE 20/5 S T MCE 400-50	60163278	46.478	3X400V	4x5.5	4x7.5	4x12.9	116	7	6	150	125	692
4NKVE 20/6 S T MCE 400-50	60163279	48.042	3X400V	4x7.5	4x10	4x16.5	116	8.5	7.5	150	125	741
4NKVE 20/7 S T MCE 400-50	60163280	48.902	3X400V	4x7.5	4x10	4x16.5	116	10	9	150	125	745
4NKVE 20/8 S T MCE 400-50	60163281	57.425	3X400V	4x11	4x15	4x24.8	116	11.5	10	150	125	873
4NKVE 20/9 S T MCE 400-50	60163282	58.939	3X400V	4x11	4x15	4x24.8	116	13	12	150	125	877
4NKVE 20/10 S T MCE 400-50	60163283	60.495	3X400V	4x11	4x15	4x24.8	116	14	13	150	125	921
4NKVE 32/2 T MCE 400-50	60166830	58.622	3x400V ~	4x5.5	4x7.5	4x12.6	180	4.8	4	200	150	952
4NKVE 32/3-2 T MCE 400-50	60166831	59.065	3x400V ~	4x5.5	4x7.5	4x12.6	180	6	5	200	150	968
4NKVE 32/3 T MCE 400-50	60166832	69.064	3x400V ~	4x7.5	4x10	4x16.5	180	7.3	6	200	150	1012
4NKVE 32/4 T MCE 400-50	60166833	74.457	3x400V ~	4x11	4x15	4x24.8	180	9.8	8	200	150	1232
4NKVE 32/5-2 T MCE 400-50	60166834	76.112	3x400V ~	4x11	4x15	4x24.8	180	10.9	9	200	150	1248
4NKVE 32/5 T MCE 400-50	60166835	87.050	3x400V ~	4x15	4x20	4x33.6	180	12.2	10	200	150	1304
4NKVE 32/6 T MCE 400-50	60166836	88.644	3x400V ~	4x15	4x20	4x33.6	180	14.6	12	200	150	1320
4NKVE 45/2-2 T MCE 400-50	60166837	64.602	3x400V ~	4x5.5	4x7.5	4x12.6	280	3.8	3	250	200	976
4NKVE 45/2 T MCE 400-50	60166838	73.872	3x400V ~	4x7.5	4x10	4x16.5	280	4.8	4	250	200	1020
4NKVE 45/3 T MCE 400-50	60166839	80.954	3x400V ~	4x11	4x15	4x25.1	280	7.3	6.5	250	200	1240
4NKVE 45/4 T MCE 400-50	60166840	94.275	3x400V ~	4x15	4x20	4x33.6	280	9.7	8.5	250	200	1312

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
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AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

2, 3 NKVE 10, 15, 20, 32, 45 - MCE-P DCONNECT

VARIABLE SPEED BOOSTER SETS WITH MCE AND DCONNECT



DConnect
included

Booster sets with MCE-P variable frequency drive for pressurization in civil and commercial installations and for irrigation. Consisting of 2, 3 or 4 NKV multistage pumps with an MCE-P variable frequency drive and one expansion tank per pump installed as standard. The parts in models NKV 10 S, 15 S, 20 S that come into contact with the liquid are made of AISI 304 stainless steel. The pump body in models NKV 32 and NKV 45 is made of cataphoresis-treated cast iron, with impellers, diffusers and liner made of AISI 304 stainless steel. The MCE-P variable frequency drives installed on the pump allow for a constant pressure. There is a protection panel and a pressure transmitter for each set, and a delivery non-return valve for each pump. AISI 304 stainless steel suction and delivery manifolds. X version with parts in contact with water in AISI 316 stainless steel available on request. The sets are supplied assembled, set up and tested directly at the factory. Pumps coupled by a rigid coupling to IE3 energy-efficient electric motors. Remote control is possible thanks to the DConnect service.

DConnect Box included as standard.

Operating range

Up to 140 m³/h head up to 102 m

Pumped liquid clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Liquid temperature range 0°C to +120°C (80°C with expansion vessel installed).

Maximum ambient temperature +50°C.

Maximum working pressure 16 bar / 1600 kPa.

Protection degree IP55.

Special designs on request Yes, different voltages or frequencies or support for particular liquids, sets of up to six pumps, **X version material in contact with water in AISI 316 steel.**

The sets are delivered assembled, set up and tested at the factory and complete with installation and maintenance instructions and test report.

Sets include 1 18-litre expansion tank for each pump and AISI 304 stainless steel delivery and suction manifolds.



MCE-P
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ACCESSORIES
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2 NKVE 10, 15, 20, 32, 45 - MCE-P DCONNECT

MODEL	CODE	PRICE €	ELECTRICAL DATA				FLOW RATE m³/h	MAXIMUM ACHIEVABLE PRESSURE BAR	STANDARD PRESSURE	DNA	DNM	WEIGHT kg
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A						
				kW	HP							
2NKVE 10/6 T MCE 400 DCONNECT	60198186	18.332	3 X 400 V ~	2x2.2	2x3	2x5.4	26	6	5.0	2" ½	2" ½	187
2NKVE 10/7 T MCE 400 DCONNECT	60198580	19.147	3 X 400 V ~	2x2.2	2x3	2x5.8	26	7	6	2" ½	2" ½	214
2NKVE 10/8 T MCE 400 DCONNECT	60198183	19.475	3 X 400 V ~	2x3	2x4	2x7.37	26	8	6.5	2" ½	2" ½	216
2NKVE 10/10 T MCE 400 DCONNECT	60198581	20.775	3 X 400 V ~	2x4	2x5.5	2x10.1	26	10	8.5	2" ½	2" ½	237
2NKVE 10/12 T MCE 400 DCONNECT	60198160	22.741	3 X 400 V ~	2x4	2x5.5	2x10.1	26	12	10	2" ½	2" ½	240
2NKVE 15/3 T MCE 400 DCONNECT	60207730	19.191	3 X 400 V ~	2x3	2x4	2x7.37	48	4	3.5	100	80	238
2NKVE 15/4 T MCE 400 DCONNECT	60207705	20.105	3 X 400 V ~	2x4	2x5.5	2x10.1	48	5	4	100	80	258
2NKVE 15/5 T MCE 400 DCONNECT	60198156	22.288	3 X 400 V ~	2x4	2x5.5	2x10.1	48	6.5	5	100	80	261
2NKVE 15/6 T MCE 400 DCONNECT	60198177	23.451	3 X 400 V ~	2x5.5	2x7.5	13.1	48	7.5	6.5	100	80	317
2NKVE 15/7 T MCE 400 DCONNECT	60198189	23.972	3 X 400 V ~	2x5.5	2x7.5	2x13.1	48	9	8	100	80	319
2NKVE 20/3 T MCE 400 DCONNECT	60198193	21.158	3 X 400 V ~	2x4	2x5.5	2x10.1	58	4	3.5	100	80	228
2NKVE 20/4 T MCE 400 DCONNECT	60198197	23.830	3 X 400 V ~	2x4	2x5.5	2x10.1	58	6	5	100	80	256
2NKV 20/5 T MCE 400 DCONNECT	60198171	24.554	3 X 400 V ~	2x5.5	2x7.5	2x13.1	58	7	6	100	80	260
2NKVE 32/3 T MCE 400 DCONNECT	60198176	37.569	3 x 400 V ~	2x7.5	2x10	2x16.5	90	7.3	6	125	100	506
2NKVE 45/3 T MCE 400 DCONNECT	60198256	43.840	3 x 400 V ~	2x11	2x15	2x25.1	140	7.3	6.5	150	125	620

2, 3 NKVE 10, 15, 20, 32, 45 - MCE-P DCONNECT

VARIABLE SPEED BOOSTER SETS WITH MCE AND DCONNECT



3 NKVE 10, 15, 20, 32, 45 - MCE-P DCONNECT

MODEL	CODE	PRICE €	ELECTRICAL DATA				FLOW RATE m³/h	MAXIMUM ACHIEVABLE PRESSURE BAR	STANDARD PRESSURE	DNA	DNM	WEIGHT kg
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A						
				kW	HP							
3NKVE 10/9 T MCE 400 DCONNECT	60198290	29.245	3 X 400 V ~	3x3	3x4	3x7.1	39	9	7.7	80	80	473
3NKVE 10/10 T MCE 400 DCONNECT	60198239	30.858	3 X 400 V ~	3x4	3x5.5	3x10.1	39	10	8.5	80	80	503
3NKVE 10/15 T MCE 400 DCONNECT	60198582	35.975	3 X 400 V ~	3x5.5	3x7.5	3x12.6	39	14	10	80	80	593
3NKVE 15/3 T MCE 400 DCONNECT	60207760	27.605	3 X 400 V ~	3x3	3x4	3x7.37	72	4	3.5	125	100	486
3NKVE 15/4 T MCE 400 DCONNECT	60207714	28.979	3 X 400 V ~	3x4	3x5.5	3x10.1	72	5	4	125	100	516
3NKVE 15/5 T MCE 400 DCONNECT	60198269	32.253	3 X 400 V ~	3x4	3x5.5	3x10.1	72	6.5	5	125	100	520
3NKVE 15/7 T MCE 400 DCONNECT	60198583	34.778	3 X 400 V ~	3x5.5	3x7.5	3x13.1	72	9	8	125	100	608
3NKVE 20/4 T MCE 400 DCONNECT	60198282	34.566	3 X 400 V ~	3x4	3x5.5	3x10.1	87	6	5	125	100	513
3NKVE 20/5 T MCE 400 DCONNECT	60198245	35.656	3 X 400 V ~	3x5.5	3x7.5	3x13.1	87	7	6	125	100	519
3NKVE 20/7 T MCE 400 DCONNECT	60198584	37.484	3 X 400 V ~	3x7.5	3x10	3x16.5	87	10	9	125	100	559
3NKVE 32/3 T MCE 400 DCONNECT	60198260	51.987	3 x 400 V ~	3x5.5	3x7.5	3x12.6	135	6	5	150	125	726

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

AQUATWIN TOP

PRESSURIZATION GROUP FOR RAINWATER RECOVERY SYSTEM



Pressurization group for systems management and reuse of rainwater with 2 centrifugal pumps type EUROINOX or JETINOX. Complete with water reserve tank up to 150L implemented in the system. For medium to large systems.

CONTROL PANEL

General breaker switch. PLC for the management and monitoring of reserve water supplies. Low voltage auxiliary circuit complete with transformer, protection fuses and a three-way electric valves for switching rainwater tanks - public water network.

AQUATWIN comes with a black, cataphorised steel structure, tank capacity up to 150L public network water accumulation, stainless steel storage delivery manifold with shut-off valve, expansion tank up to 8L. Including "Air gap", connection system to public water network according to UNI EN 1717: Protection against pollution of potable water in water installations and requirements of devices to prevent pollution from backflow.

Liquid temperature range from 0 °C to +40 °C.

Pumped liquid clean, free from solids.

Protection degree IP44.

Installation vertical only.

Maximum ambient temperature 40 °C.

Max pressure 5.5 bar.

Electric pump voltage 230 V single phase.

Frequency 50 Hz.

Line voltage 230 V single phase.

Pressure regulation range 3 to 5 bar.

Suction diameter (DNA) 1".

Delivery diameter (DNM) 1"1/2.

SINGLE-PHASE
MOTORS

P2

≥ 120 W

IE2

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA		Ø		WEIGHT Kg
			VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q m³/h	H m	A	M	
					kW	HP						
AQUATWIN TOP 4050	60213077	7.331	1 X230V ~	1.11	0.85	1.15	4.8	0,6-9,6	57,6-19	1"	1"½	113
AQUATWIN TOP 4080	60213087	7.829	1 X230V ~	1.32	0.85	1.15	5.5	0,6-14,2	59-16,5	1"	1"½	115

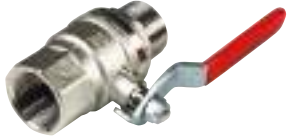
ACCESSORIES BOOSTER SETS

BOOSTER SET ACCESSORIES

PRESSURE SETS

FLEXIBLE HOSE	DESCRIPTION	CODE	PRICE €
	FLEXIBLE HOSE 1 1/2" MF	002260316	81
	FLEXIBLE HOSE 2 1/2" MF 10B	60118994	244

ANTI-VIBRATION THREADED UNION	DESCRIPTION	CODE	PRICE €
	ANTI-VIBRATION THREADED UNION FF 2" - PN 16	002139107	145
	FF 2 1/2" PN16 ANTI-VIBRATION THREADED UNION	002139108	232

BALL VALVE	DESCRIPTION	CODE	PRICE €
	BALL VALVE MF 1" (FOR TANK MAINTENANCE)	002132054	47

PRESSURE SWITCH	DESCRIPTION	CODE	PRICE €
	PRESSURE SWITCH FOR DRY RUN PROTECTION	002717002	118
	MINIMUM PRESSURE SWITCH KIT (DRY RUN)	547120850	140
	OVERPRESSURE PRESSURE SWITCH KIT	547120860	91

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETS

END SUCTION AND
VERTICAL MULTISTAGE PUMPS

DRAINAGE
AND SEWAGE

GROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

BOOSTER SET ACCESSORIES

PRESSURE SETS

FLOAT	DESCRIPTION	CODE	PRICE €
	FLOAT - 5 METRES	159260030	42
	FLOAT - 10 METRES	159260040	73

AIR INLET COUPLING KIT	DESCRIPTION	CODE	PRICE €
	1" AIR INLET COUPLING KIT	547120440	96
	1 ¼" AIR INLET COUPLING KIT	547120450	103
	1 ½" AIR INLET COUPLING KIT	547120460	219

TANK	DESCRIPTION	CODE	PRICE €
 TANK WITH 5 YEARS OF GUARANTEE 	8-LITRE TANK G 10 BAR V	60141866	118
	18-LITRE TANK G 10 BAR V	60141867	157
	18-LITRE TANK G 16 BAR V	60141868	280

SWITCHING MODULE	DESCRIPTION	CODE	PRICE €
	SWITCHING MODULE SZ 3 (3 KVC AND 3KVCX)	002773493	333

PRESSURE TRANSMITTER	DESCRIPTION	CODE	PRICE €
	PRESSURE TRANSMITTER 16 BAR 2-pump sets with EBox panel.	60116837	193

BOOSTER SET ACCESSORIES

PRESSURE SETS

ANTI-VIBRATION THREADED UNION	DESCRIPTION	CODE	PRICE €
 FF 2 1/2" PN16 Anti-vibration threaded union	FF 2 1/2" PN16 ANTI-VIBRATION THREADED UNION	002139108	232
	DN80 PN16 ANTI-VIBRATION THREADED UNION	002139209	244
	DN100 PN16 ANTI-VIBRATION THREADED UNION	002139210	269
	DN125 PN16 ANTI-VIBRATION THREADED UNION	002139211	347
	DN150 PN16 ANTI-VIBRATION THREADED UNION	002139212	489
	DN200 PN16 ANTI-VIBRATION THREADED UNION	002139263	707
	DN250 PN16 ANTI-VIBRATION THREADED UNION	002139264	1.053
	DN300 PN16 ANTI-VIBRATION THREADED UNION	002139215	1.619

MINIMUM PRESSURE SWITCH KIT	DESCRIPTION	CODE	PRICE €
	MINIMUM PRESSURE SWITCH KIT (DRY RUN)	547120850	140

FOOT VALVE WITH FILTER	DESCRIPTION	CODE	PRICE €
 DN 80 Foot valve with filter	DN 80 FOOT VALVE WITH FILTER	60111919	712
	DN 100 FOOT VALVE WITH FILTER	60111920	924
	DN 125 FOOT VALVE WITH FILTER	60111921	1.194
	DN 150 FOOT VALVE WITH FILTER	60111922	1.629
	DN 200 FOOT VALVE WITH FILTER	60111923	2.652
	DN 250 FOOT VALVE WITH FILTER	60111925	5.477
	DN 300 FOOT VALVE WITH FILTER	60111926	9.130
	DN 350 FOOT VALVE WITH FILTER	60211440	13.495

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K SINGLE-IMPELLER

SINGLE-IMPELLER CENTRIFUGAL ELECTRIC PUMPS



K 35/1200 T

Single-impeller centrifugal pump, suitable for domestic, civil, industrial and agricultural systems and for transfer, mixing and irrigation applications.

Cast iron pump body and motor support.

Technopolymer impeller.

Carbon/ceramic mechanical seal.

Asynchronous motor, enclosed and cooled by external ventilation.

Built-in thermo-amperometric protection and permanently inserted capacitor for the single-phase version.

For the protection of the three-phase motor, we recommend the use of a motor protector in accordance with current standards.

Operating range

1.8 to 96 m³/h with head up to 62 metres.

Pumped liquid clean free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral close to the characteristics of water.

Liquid temperature range

-10°C to +50°C for K 20/41, K 30/70, K 30/100, K 36/100, K 12/200, K 36/200, K 40/200.

-15°C to +110°C for other pumps.

Maximum ambient temperature +40°C.

Maximum working pressure

K 20/41, K 30/70, K 30/100, K 36/100, K 12/200, K 14/400: **6 bar (600 kPa).**

K 36/200, K 40/200, K 55/200, K 11/500,

K 18/500, K 28/500: **8 bar (800 kPa).**

K 40/400, K 50/400, K 30/800, K 40/800,

K 50/800, K 20/1200, K 25/1200, K 35/1200:

10 bar (1000 kPa).

Protection degree IP44.

Terminal board protection degree IP55.

Insulation class F.

THREE-PHASE MOTORS	P2	< 0.75 kW	IE2
		≥ 0.75 kW < 75 kW	IE3
		≥ 75 kW	IE4

SINGLE-PHASE MOTORS	P2	≥ 120 W	IE2

K - SINGLE-IMPELLER CENTRIFUGES

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA															DNA	DNM	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m ³ /h Q=l/min	0	1.8	2.4	3.6	4.8	6	7.2	9	9.6	10.8	12	15	18				
					kW	HP			0	30	40	60	80	100	120	150	160	180	200	250	300				
K 20/41 M	60213245	321	1x230V	0.7	0.55	0.75	3.2	H (m)	22	20.3	19.4	16.9	13.6	8.3								1" G	1" G	9	39
K 20/41 T	60204037	311	3x230-400V~	0.64	0.47	0.64	2.7-1.5		22	20.3	19.4	16.9	13.6	8.3								1" G	1" G	9	39
K 30/70 M	60212465	423	1x230V	1.28	0.85	1.15	5.6		31.8	29.5	28.9	27	24.2	19.8	13.5							1" G	1" G	15	27
K 30/70 T	60179407	427	3x230-400V~	1.2	0.75	1	4-2.3		31.8	29.5	28.9	27	24.2	19.8	13.5							1" G	1" G	15	27
K 30/100 M	60211559	561	1x230V	1.51	1.1	1.5	6.7		29.2		29	28.8	28	26.8	25.3	22.5	21.5	18.5				1½" G	1" G	17	21
K 30/100 T	60179858	549	3x230-400V~	1.6	1.1	1.5	5.4-3.1		29.2		29	28.8	28	26.8	25.3	22.5	21.5	18.5				1½" G	1" G	20	21
K 36/100 M	60211859	631	1x230V	1.94	1.8	2.45	8.8		34.9		34.8	34.6	34	33	32	29.8	29	26.5				1½" G	1" G	22	18
K 36/100 T	60179861	582	3x230-400V~	1.9	1.85	2.5	6-3.5		34.9		34.8	34.6	34	33	32	29.8	29	26.5				1½" G	1" G	18	21
K 12/200 M	60212436	423	1x230V	1	0.85	1.15	4.5		18.4		17.2	16.5	16	15.3	14.7	13.5	13.1	12.3	11.4	8.9	5.5	1½" G	1½" G	15	30
K 12/200 T	60179406	431	3x230-400V~	0.97	0.75	1	3.5-2		18.4		17.2	16.5	16	15.3	14.7	13.5	13.1	12.3	11.4	8.9	5.5	1½" G	1½" G	15	30
K 36/200 T	60179375	974	3x230-400V~	3.1	2.2	3	9.7-5.6		36.6				36	35.5	35	34	33.3	32.5	31.5	28	23.5	2" G	1¼" G	31	18
K 40/200 T	60179374	1.006	3x230-400V~	3.6	3	4	10.9-6.3		41.3				41	40.5	40	39	38.8	38	37	33.5	29	2" G	1¼" G	32	18
K 55/200 T	60179853	1.178	3x230-400V~	5.1	3.7	5	15.9-9.2		54					54	53.9	53.2	53	52	51.5	48.5	45	2" G	1¼" G	36	18

K SINGLE-IMPELLER

SINGLE-IMPELLER CENTRIFUGAL ELECTRIC PUMPS



MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA														DNA	DNM	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³/h	0	12	15	18	24	30	36	42	60	72	84	96					
					kW	HP		Q=l/min	0	200	250	300	400	500	600	700	1000	1200	1400	1600					
K 14/400 M	60211857	783	1x230 V	2.02	1.4	1.9	9	H (m)	19	18.8	18.5	18	16.3	13.8	10						2" G	2" G	23	18	
K 14/400 T	60179855	739	3x230 - 400 V ~	1.9	1.85	2.5	6-3,5		19	18.8	18.5	18	16.3	13.8	10						2" G	2" G	21	21	
K 11/500 T	60179379	1.075	3x230 - 400 V ~	2.9	2.2	3	9,3-5,4		24.5	22.5	21.5	20	16.5	11.5	6.5						2½" G	2" G	34	18	
K 18/500 T	60179380	1.105	3x230 - 400 V ~	3.7	3	4	11,4-6,6		31	30.7	30.4	30	28	24	17.9						2½" G	2" G	38	18	
K 28/500 T	60179882	1.235	3x230 - 400 V ~	4.6	3.7	5	14,2-8,2		35	34.5	34	32.8	29.3	25.2	20						2½" G	2" G	40	18	
K 40/400 T	60180172	2.704	3x400 V ~	6.7	5.5	7.5	11.7		50.5	49	48	45	37	24							65	50	78	6	
K 50/400 T	60167622	2.820	3x400 V ~	8.5	7.5	10	14.5		62	61	60	59	54.5	46							65	50	81	6	
K 30/800 T	60167623	2.871	3x400 V ~	8.2	7.5	10	14.4		44				42	40	38	35	21.5				80	65	88	6	
K 40/800 T	60167624	3.506	3x400 V ~	10.2	9.2	12.5	17.1		51.5				50	48	47	43.5	32.5	21			80	65	93	6	
K 50/800 T	60167625	3.637	3x400 V ~	12.7	11	15	21		58				56.5	55	53.5	51	41	31			80	65	102	6	
K 20/1200 T	60167626	3.414	3x400 V ~	8.3	7.5	10	14.3		37.5				36.5	36	35	34	30	26	21	15	80	65	86	6	
K 25/1200 T	60167627	3.610	3x400 V ~	9.4	9.2	12.5	16.2		40.7				39	38.5	38	37	33.5	30	25	18	80	65	90	6	
K 35/1200 T	60167628	3.743	3x400 V ~	11.8	11	15	20		45						43	42.5	38.5	35	31.5	27	80	65	98	6	

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

K TWIN-IMPELLER

TWIN-IMPELLER CENTRIFUGAL ELECTRIC PUMPS



DAB SERVICES

HEATING AND
AIR CONDITIONING

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SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING



K 35/40 M



K 70/300 T

Twin-impeller centrifugal pump, suitable for booster sets in domestic, civil and industrial water systems.

Suitable for sprinkler irrigation and other general water supply applications. Cast iron pump body and motor support. Technopolymer impeller.

Stainless steel shaft.

Carbon/ceramic mechanical seal.

Asynchronous motor, enclosed and cooled by external ventilation.

Built-in thermo-amperometric protection and permanently inserted capacitor for the single-phase version.

For the protection of the three-phase motor, we recommend the use of a motor protector in accordance with current standards.

Operating range

1.2 to 30 m³/h with head up to 97 metres.

Pumped liquid clean free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral close to the characteristics of water.

Liquid temperature range

-10°C to +50°C for K 35/40, K 45/50, K 35/100, K 40/100, K 55/100.

-15°C to +110°C for K 55/50, K 66/100, K 90/100, K 70/300, K 80/300, K 70/400, K 80/400.

Maximum working pressure

K 35/40, K 35/100, K 40/100: **6 bar (600 kPa).**

K 45/50, K 55/50: **8 bar (800 kPa).**

K 55/100, K 66/100: **10 bar (1000 kPa).**

K 90/100, K 70/300, K 80/300 K 70/400, K 80/400: **12 bar (1200 kPa).**

Maximum ambient temperature +40°C.

Protection degree IP 44.

Terminal board protection degree IP55.

Insulation class F.

THREE-PHASE MOTORS	P2	< 0.75 kW	IE2	SINGLE-PHASE MOTORS	P2	≥ 120 W	IE2
		≥ 0.75 kW < 75 kW	IE3				
		≥ 75 kW	IE4				

K - TWIN-IMPELLER CENTRIFUGES

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA												DNA	DNM	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q= m³/h	0	1.2	1.8	2.4	3.6	4.8	6	7.2	9	9.6	10.8				
					kW	HP		Q= l/min	0	20	30	40	60	80	100	120	150	160	180				
K35/40 M	60212464	497	1x230V	1.2	0.85	1.15	5.3	H(m)	43.5	41.5	40	38	33	23.5						1" G	1" G	15	27
K35/40 T	60179870	508	3x230-400V ~	1.2	0.75	1	3,8-2,2		43.5	41.5	40	38	33	23.5						1" G	1" G	14	27
K45/50 M	60211561	651	1x230V	1.93	1.1	1.5	8.7		51	49	47.5	46	42	37	30					1½" G	1" G	22	21
K45/50 T	60179854	661	3x230-400V ~	1.8	1.1	1.5	7,2-4		51	49	47.5	46	42	37	30					1½" G	1" G	21	21
K45/50 M-P**	60211563	733	1x230V	1.93	1.1	1.5	8.7		51	49	47.5	46	42	37	30					1½" G	1" G	22	21
K55/50 M	60211896	776	1x230V	2.81	1.8	2.45	12.5		62	60	58	57	52	45	34					1½" G	1" G	25	18
K55/50 T	60179852	734	3x230-400V ~	2.4	1.85	2.5	8,4-4,8		62	60	58	57	52	45	34					1½" G	1" G	22	21
K35/100 M	60211562	603	1x230V	1.59	1.1	1.5	7.1		38.5			37.5	36.5	35	32	28.5	18.5	17.5		1½" G	1" G	20	21
K35/100 T	60179877	609	3x230-400V ~	1.6	1.1	1.5	6,5-3,5		38.5			37.5	36.5	35	32	28.5	18.5	17.5		1½" G	1" G	20	21
K40/100 M	60211862	670	1x230V	1.98	1.8	2.45	9		44			43.4	42.5	41	39	35.7	29	26	18.5	1½" G	1" G	24	18
K40/100 T	60179869	621	3x230-400V ~	1.8	1.85	2.5	7,0-4		44			43.4	42.5	41	39	35.7	29	26	18.5	1½" G	1" G	21	21
K55/100 T	60179373	1.175	3x230-400V ~	3.7	2.2	3	11,6-6,7		62			59.5	57	54.5	51	47	39	36		1½" G	1" G	41	18
K66/100 T	60179857	1.324	3x230-400V ~	4.7	3	4	14,6-8,4		73			70	67.5	64	60.5	57	49	47		1½" G	1" G	42	18
K90/100 T	60179859	1.380	3x230-400V ~	5.6	4	5.5	16,5-9,5		83.5			82	79.5	76.5	72.5	68	61	58		1½" G	1" G	42	18

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA												DNA	DNM	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³/h	0	6	7.2	9	9.6	10.8	12	15	18	24	30				
					kW	HP		Q=l/min	0	100	120	150	160	180	200	250	300	400	500				
K 70/300 T	60179381	2.786	3x400V ~	6.9	5.5	7.5	12.9	H(m)	76	74	73	72	71.5	70	69	65	60.5	43.5		2" G	1½" G	70	6
K 80/300 T	60167629	2.871	3x400V ~	9.1	7.5	10	15.2		95	93	92.2	91	90.5	90	89.5	87	82	68		2" G	1½" G	75	6
K 70/400 T	60167630	3.525	3x400V ~	9.2	9.2	12.5	15.5		86			84	83.2	82.5	82	79	76	65	47	2" G	1½" G	83	6
K 80/400 T	60167631	3.662	3x400V ~	10.8	11	15	18.5		97				95	94.5	94	92	89	80	64	2" G	1½" G	90	6

** Electric pump equipped with manometer, pressure switch, power cable with plug and five-way connector for connection to a tank.

KC, KCV

CENTRIFUGAL PUMPS FOR AIR CONDITIONING



KC



KCV

Pumping of water or other not aggressive not explosive liquids that do not contain solid particles or fibre.

Especially suitable for handling water and glycol solutions in air conditioning circuits.

PLUS VERSATILE: thanks to the high quality construction materials and oversized motors, the KC and KCV series of pumps can be used in surroundings with temperatures up to 65°C and a glycol percentage of as much as 40% in the handled liquid.

RELIABLE: all components are sized to guarantee a working life of at least 50,000 duty hours (with the exception of the bearings and mechanical seals, the manufacturers of which guarantee an average life of 25,000 hours in the most severe duty conditions).

RUST PROOF: all components in contact with the liquid are made of thermoplastic (polypropylene or reinforced Noryl) and the pump shaft is made of AISI 304 stainless steel.

FLEXIBLE: facility to rotate the pump body in steps of 90° for greater installation flexibility.

Complete hydraulic section (pump body, seal holder flange, impeller, diffuser) made of fibreglass reinforced technopolymer, shaft extension in contact with liquid in AISI 304 stainless steel, mechanical seal in silicon carbide/graphite.

O-rings in EPDM Externally cooled asynchronous motor for continuous duty (S1), 2 poles.

Maximum ambient temperature 65°C.

Motor protection degree IP55.

Insulation class

F (copper wire with class H insulation).

Special designs on request

Three-phase 230-400V/50 Hz.

Sealed, water resistant and humidity resistant ball bearings Motor construction to EN 60335-2-41.

Operating range from 3 to 45 m³/h.

Maximum head 24 m.

Maximum working pressure 6.5 bar.

Liquid temperature range from -10 to +55°C.

Maximum glycol contents up to 40%.

Installation fixed or portable in horizontal position.

Pumped liquid

Maximum ambient temperature: 65°C.

Special versions on request

Alternative voltages and/or frequencies.

THREE-PHASE MOTORS	P2	< 0,75 kW	IE2
		≥ 0,75 kW < 75 kW	IE3
		≥ 75 kW	IE4

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA								DNA	DNM	WEIGHT KG
			VOLTAGE 50 Hz	P1 MAX kW	P2 (W)	In A	RESISTANCE MOTOR STARTER (Ohm)	Q=m³/h	0	10	15	20	25	30	40			
								Q=l/min	0	167	250	333	417	500	667			
KC 150 T	60180128	567	3 x 230 - 400 V ~	1.2	870	2.3	6.28	H (m)	13.6	12.8	11.5	9.5	6.5			2" m gas	2" m gas	14
KC 200 T	60180129	670	3 x 230 - 400 V ~	1.5	1260	3.1	3.51		16.8	15.7	15	14	11.8	9		2" gas	2" gas	16
KC 250 T	60180130	783	3 x 230 - 400 V ~	2.3	1900	4.3	2.55		21	20	19.1	17.7	15.5	12		2" m gas	2" m gas	19
KC 300 T	60180131	964	3 x 230 - 400 V ~	3	2560	5.8	1.72		24.3		23.4	22.5	21.3	19.5	13.9	2" gas	2" gas	23
KCV 150 T	60180132	567	3 x 230 - 400 V ~	1.2	870	2.3	6.28		13.6	12.8	11.5	9.5	6.5			2" m Victaulic	2" m Victaulic	14
KCV 200 T	60180133	670	3 x 230 - 400 V ~	1.5	1260	3.1	3.51		16.8	15.7	15	14	11.8	9		2" m Victaulic	2" m Victaulic	16
KCV 250 T	60179377	783	3 x 230 - 400 V ~	2.3	1900	4.3	2.55		21	20	19.1	17.7	15.5	12		2" m Victaulic	2" m Victaulic	19
KCV 300 T	60179378	964	3 x 230 - 400 V ~	3	2560	5.8	1.72		24.3		23.4	22.5	21.3	19.5	13.9	2" m Victaulic	2" m Victaulic	23

NKM-GE, NKP-GE - MCE-P

END SUCTION CENTRIFUGAL ELECTRIC PUMPS WITH MCE-P VARIABLE FREQUENCY DRIVE



End suction centrifugal electric pumps with coupling designed for a wide range of applications, such as:

- Water systems in homes and apartment blocks;
- Water systems for campsites and farms;
- Water supply systems from pits;
- Irrigation systems for greenhouses, gardens, agriculture;
- Industrial systems;
- Rainwater reuse systems;

Particularly versatile thanks to the use of the **MCE-P variable frequency drive**, it guarantees performance that can automatically adapt to different system requirements while maintaining constant pressure.

Pressure sensor supplied as standard.

Cast iron single-stage spiral body to DIN-EN 733 (formerly DIN 24255), cast iron support, flanges to DIN 2533 and DIN 2532 for DN 200.

Cast iron impeller, closed and dynamically balanced with axial thrust compensation via balancing holes.

Pump shaft in AISI 304 stainless steel.

Sealing device: standardised mechanical seal as per DIN 24960 made of carbon/silicon carbide with EPDM O-rings.

Asynchronous, enclosed, externally-ventilated motor, B3/B5 mounting position, two-pole for NKP-GE and four-pole for NKM-GE.

Rotation speed 1450 - 2900 1/min.

Operating range

1 to 360 m³/h with head up to 72 metres.

Liquid temperature range

-10 °C to +80 °C.

Pumped liquid clean free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral close to the characteristics of water.

Maximum ambient temperature +40°C.

Maximum working pressure

16 bar - 1600 kPa (for DN 200 max 10 bar).

Protection degree IP55.

Insulation class F.

Flanging PN 16 DIN 2533.

Special designs on request Pumps for liquids other than water. Other voltages and/or frequencies. Variable frequency drive modulation with 0-10V signal.



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NKM-GE, NKP-GE - MCE-P - 4 POLES - FOR PRESSURIZATION SYSTEMS

MODEL	CODE	PRICE €	ELECTRICAL DATA				MODEL MCE	DNA	DNM	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A				
				kW	HP					
NKM-GE 40-250/245/A/BAQE/2,2/4 MCE30/P	60192059	5.807	3x400 V	2.2	3	6.6	MCE30/P	65	40	89
NKM-GE40-250/260/A/BAQE/3/4 MCE30/P	60192060	6.032	3x400 V	3	4	7.9	MCE30/P	65	40	98
NKM-GE50-250/263/A/BAQE/4/4 MCE30/P	60192061	7.022	3x400 V	4	5.5	10	MCE30/P	65	50	105
NKM-GE65-250/263/A/BAQE/5,5/4MCE55/P	60192062	8.330	3x400 V	5.5	7.5	13.4	MCE55/P	80	65	168
NKM-GE65-315/279/A/BAQE/7,5/4MCE110/P	60167386	10.649	3x400 V	7.5	10	17.9	MCE110/P	80	65	195
NKM-GE65-315/309/A/BAQE/11/4 MCE110/P	60167387	13.231	3x400 V	11	15	27.2	MCE110/P	80	65	263
NKM-GE80-250/240/A/BAQE/7,5/4MCE110/P	60167388	10.607	3x400 V	7.5	10	17.9	MCE110/P	100	80	185
NKM-GE80-250/270/A/BAQE/11/4 MCE110/P	60167389	13.189	3x400 V	11	15	27.2	MCE110/P	100	80	237
NKM-GE80-315/305/A/BAQE/15/4 MCE150/P	60167390	14.462	3x400 V	15	20	36.5	MCE150/P	100	80	294
NKM-GE100-250/250/A/BAQE/11/4 MCE110/P	60167391	13.525	3x400 V	11	15	27.2	MCE110/P	125	100	245
NKM-GE100-250/270/A/BAQE/15/4MCE150/P	60167392	14.213	3x400 V	15	20	36.5	MCE150/P	125	100	268
NKM-GE125-250/243/A/BAQE/15/4 MCE150/P	60167393	14.760	3x400 V	15	20	36.5	MCE150/P	150	125	305

NKM-GE, NKP-GE - MCE-P

END SUCTION CENTRIFUGAL ELECTRIC PUMPS WITH MCE-P VARIABLE FREQUENCY DRIVE



NKP-GE - MCE-P - 2 POLES - FOR PRESSURIZATION SYSTEMS

MODEL	CODE	PRICE €	ELECTRICAL DATA				MODEL MCE	DNA	DNM	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A				
				kW	HP					
NKP-GE32-125.1/125/A/BAQE/1.5/2 MCE11/P	60192063	4.110	1x230 V	1.5	2	13.4	MCE11/P	50	32	56
NKP-GE 32-125.1/140/A/BAQE/2.2/2 MCE15/P	60192064	4.551	1x230 V	2.2	3	18.5	MCE15/P	50	32	58
NKP-GE 32-125/130/A/BAQE/2.2/2 MCE15/P	60192065	4.551	1x230 V	2.2	3	18.6	MCE15/P	50	32	58
NKP-GE 32-125/142/A/BAQE/3/2 MCE30/P	60192066	5.318	3x400 V	3	4	7	MCE30/P	50	32	76
NKP-GE 32-160.1 155/A/BAQE/2.2/2 MCE15/P	60192067	4.371	1x230 V	2.2	3	19.4	MCE15/P	50	32	53
NKP-GE 32-160.1 166/A/BAQE/3/2 MCE30/P	60192068	5.230	3x400 V	3	4	6.7	MCE30/P	50	32	70
NKP-GE 32-160.1 177A/BAQE/4/2 MCE55/P	60192069	6.208	3x400 V	4	5.5	8.5	MCE55/P	50	32	90.6
NKP-GE 32-160/151/A/BAQE/3/2 MCE30/P	60192070	5.230	3x400 V	3	4	7.1	MCE30/P	50	32	70
NKP-GE 32-160/163/A/BAQE/4/2 MCE55/P	60192071	6.208	3x400 V	4	5.5	8.9	MCE55/P	50	32	92
NKP-GE 32-160/177/A/BAQE/5,5/2MCE55/P	60192072	6.311	3x400 V	5.5	7.5	12.7	MCE55/P	50	32	114
NKP-GE 32-200.1 188/A/BAQE/4/2 MCE55/P	60192073	6.208	3x400 V	5.5	7.5	9.1	MCE30/P	50	32	92
NKP-GE32-200.1 205/A/BAQE/5,5/2 MCE55/P	60192074	6.311	3x400 V	5.5	7.5	11.4	MCE55/P	50	32	114
NKP-GE 32-200/190/A/BAQE/5,5/2MCE55/P	60192075	6.311	3x400 V	5.5	7.5	12.4	MCE55/P	50	32	126
NKP-GE 32-200/210/A/BAQE/7,5/2MCE55/P	60167394	8.315	3x400 V	7.5	10	16.5	MCE110/P	50	32	135
NKP-GE 40-125/120/A/BAQE/2.2/2MCE22/P	60192076	4.283	1x230 V	2.2	3	20.6	MCE22/P	65	40	74
NKP-GE 40-125/130/A/BAQE/3/2 MCE30/P	60192077	5.049	3x400 V	3	4	7.2	MCE30/P	65	40	85
NKP-GE 40-125/139/A/BAQE/4/2 MCE55/P	60192078	6.020	3x400 V	4	5.5	9.6	MCE55/P	65	40	107
NKP-GE 40-160/158/A/BAQE/5,5/2MCE55/P	60192079	6.129	3x400 V	5.5	7.5	12.4	MCE55/P	65	40	119
NKP-GE40-160/172/A/BAQE/7,5/2MCE55/P	60167395	8.366	3x400 V	7.5	10	16.5	MCE110/P	65	40	127
NKP-GE 40-200/210/A/BAQE/11/2 MCE110/P	60167396	11.045	3x400 V	11	15	24.9	MCE110/P	65	40	207
NKP-GE40-250/230/A/BAQE/15/2 MCE150/P	60167397	11.566	3x400 V	15	20	34.6	MCE150/P	65	40	220
NKP-GE 50-125/125/A/BAQE/4/2 MCE55/P	60192080	6.179	3x400 V	4	5.5	9.8	MCE55/P	65	50	122
NKP-GE50-125/135/A/BAQE/5,5/2 MCE55/P	60192081	6.286	3x400 V	5.5	7.5	12.6	MCE55/P	65	50	124
NKP-GE50-125/144/A/BAQE/7,5/2MCE55/P	60167398	8.514	3x400 V	7.5	10	16.1	MCE55/P	65	50	133
NKP-GE50-160/153/A/BAQE/7,5/2MCE110/P	60167399	8.539	3x400 V	7.5	10	17.4	MCE110/P	65	50	101
NKP-GE50-160/169/A/BAQE/11/2 MCE110/P	60167400	10.934	3x400 V	11	15	24	MCE110/P	65	50	132
NKP-GE 50-200/200/A/BAQE/15/2 MCE150/P	60167401	11.577	3x400 V	15	20	32.5	MCE150/P	65	50	216
NKP-GE 65-125/127/A/BAQE/5,5/2MCE55/P	60192082	7.379	3x400 V	5.5	7.5	12.8	MCE55/P	80	65	122
NKP-GE65-125/137/A/BAQE/7,5/2MCE110/P	60167402	9.116	3x400 V	7.5	10	17.4	MCE110/P	80	65	131
NKP-GE65-160/157/A/BAQE/11/2MCE110/P	60167403	11.642	3x400 V	11	15	23.4	MCE110/P	80	65	202
NKP-GE65-160/173/A/BAQE/15/2MCE150/P	60167404	12.187	3x400 V	15	20	33.5	MCE150/P	80	65	212
NKP-GE80-160/147-127/A/BAQE/11/2MCE110/P	60167405	11.929	3x400 V	11	15	24.1	MCE110/P	100	80	215
NKP-GE 80-160/153/A/BAQE/15/2 MCE150/P	60167406	12.470	3x400 V	15	20	32.6	MCE150/P	100	80	221

NKM-GE, NKP-GE - MCE-P

END SUCTION CENTRIFUGAL ELECTRIC PUMPS WITH MCE-P VARIABLE FREQUENCY DRIVE



SELECTION TABLES

NKM-GE - MCE-P - 4-POLES

> 1450 1/min

MODEL	P2 NOM.		Q (m³/h) (L/min)	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210	240	270	300	330	360
	kW	HP		0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500	4000	4500	5000	5500	6000
				0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500	4000	4500	5000	5500	6000
NKM-GE 40-250/245/A/BAQE/2,2/4 MCE30/P	2.2	3	H (m)	20.6	20.5	20.1	19.2	17.8	16																					
NKM-GE40-250/260/A/BAQE/3/4 MCE30/P	3	4		23.3	23.1	22.8	22.2	20.8	19																					
NKM-GE50-250/263/A/BAQE/4/4 MCE30/P	4	5.5		23.8		23.8	23.8	23.4	22.7	21.6	20.4	19	17.1																	
NKM-GE65-250/263/A/BAQE/5,5/4MCE55/P	5.5	7.5		24.1				23.8	23.6	23.3	22.8	22.3	21.5	20.8	19.7	18.6	17.3													
NKM-GE65-315/279/A/BAQE/7,5/4MCE110/P	7.5	10		27							26	25.5	25	24.5	23.6	22.7	21.5	20.2	19											
NKM-GE65-315/309/A/BAQE/11/4 MCE110/P	11	15		34.2							33.2	33	32.5	32	31.5	30.7	29.8	29	28	25	21.7									
NKM-GE80-250/240/A/BAQE/7,5/4MCE110/P	7.5	10		20.4							20.3	20.3	20.2	20.1	20	19.9	19.8	19.5	19	18	16.7	16								
NKM-GE80-250/270/A/BAQE/11/4 MCE110/P	11	15		25.6							25.5	25.5	25.4	25.1	25	24.8	24.6	24.2	24	23	21.5	21								
NKM-GE80-315/305/A/BAQE/15/4 MCE150/P	15	20		32.9									32.7	32.6	32.6	32.5	32.4	32	31.6	30.5	29.5	28.9	24							
NKM-GE100-250/250/A/BAQE/11/4 MCE110/P	11	15		21.1										21	21	21	21	21	21	20.9	20	19.8	18	16						
NKM-GE100-250/270/A/BAQE/15/4MCE150/P	15	20		25.5										25.5	25.5	25.5	25.3	25.1	25.1	25	24.5	24	22.5	20.5	17.5					
NKM-GE125-250/243/A/BAQE/15/4 MCE150/P	15	20		19.5																19.3	19.3	19.2	19.2	18.7	17.8	16.8	15.5	14.1	12.5	10.9

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

NKM-GE, NKP-GE - MCE-P

END SUCTION CENTRIFUGAL ELECTRIC PUMPS WITH MCE-P VARIABLE FREQUENCY DRIVE



NKP-GE - MCE-P - 2-POLES

> 2900 1/min

MODEL	P2 NOM.		Q (m³/h) (L/min)	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210
	kW	HP		0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500
NKP-GE32-125.1/125/A/BAQE/1.5/2 MCE11/P	1.5	2	H (m)	21	20.8	19	16.8																		
NKP-GE 32-125.1/140/A/BAQE/2.2/2 MCE15/P	2.2	3		27	26.9	25.9	23	19.5																	
NKP-GE 32-125/130/A/BAQE/2.2/2 MCE15/P	2.2	3		23.6	23.1	23	21.6	19.6	16.8																
NKP-GE 32-125/142/A/BAQE/3/2 MCE30/P	3	4		28.6	28	27.6	26.5	24.6	21.8	17.9															
NKP-GE 32-160.1 155/A/BAQE/2.2/2 MCE15/P	2.2	3		29.2	29	26.5	20.5																		
NKP-GE 32-160.1 166/A/BAQE/3/2 MCE30/P	3	4		35.3	35	33	28																		
NKP-GE 32-160.1 177A/BAQE/4/2 MCE55/P	4	5.5		42.7	43.4	42.6	38.5	33.9																	
NKP-GE 32-160/151/A/BAQE/3/2 MCE30/P	3	4		30.5	30	29	27	24	19.5																
NKP-GE 32-160/163/A/BAQE/4/2 MCE55/P	4	5.5		36.2	36	35	33.5	30.5	27	22															
NKP-GE 32-160/177/A/BAQE/5,5/2MCE55/P	5.5	7.5		43.5	43.2	42.6	41.5	39	36	31.5	25.5														
NKP-GE 32-200.1 188/A/BAQE/4/2 MCE55/P	5.5	7.5		45.3	44.4	40.8	34.4	26.8																	
NKP-GE32-200.1 205/A/BAQE/5,5/2 MCE55/P	5.5	7.5		56.6	55.7	52	45.8	36.2																	
NKP-GE 32-200/190/A/BAQE/5.5/2MCE55/P	5.5	7.5		46.9	46.5	45	43	40	35	29															
NKP-GE 32-200/210/A/BAQE/7.5/2MCE55/P	7.5	10		58.8	58	57	56	53	49	44															
NKP-GE 40-125/120/A/BAQE/2.2/2MCE22/P	2.2	3		19	18.7	18.4	17.8	17	15.9	14.6	13	11													
NKP-GE 40-125/130/A/BAQE/3/2 MCE30/P	3	4		22.8	22.5	22.3	22	21.2	20.2	19	17.4	15.5	13.5												
NKP-GE 40-125/139/A/BAQE/4/2 MCE55/P	4	5.5		26.4	26.2	26	25.6	25	24	23	21.5	19.5	17.5	15											
NKP-GE 40-160/158/A/BAQE/5,5/2MCE55/P	5.5	7.5		33.7			34	33.4	32.4	31	29.5	27	24												
NKP-GE40-160/172/A/BAQE/7,5/2MCE55/P	7.5	10		40.7			40.2	40.1	39.8	38.5	37.5	35.5	33	30	26.5										
NKP-GE 40-200/210/A/BAQE/11/2 MCE110/P	11	15		57.1	57	57	56.8	56.5	56	55	53	50	47	43.5	39										
NKP-GE40-250/230/A/BAQE/15/2 MCE150/P	15	20		72.5			72.5	72	70	68	66	62.5	60	56	51.5										
NKP-GE 50-125/125/A/BAQE/4/2 MCE55/P	4	5.5		20.5				20	19.5	19.1	18.5	18	17.5	16.5	15.8	14.8	14	12.5	11.5						
NKP-GE50-125/135/A/BAQE/5,5/2 MCE55/P	5.5	7.5		24				23.6	23.5	23.2	22.8	22.2	21.5	21	20	19.1	18.5	17.5	16.5	13.4					
NKP-GE50-125/144/A/BAQE/7,5/2MCE55/P	7.5	10		28				27.8	27.5	27.3	27	26.5	25.8	25.3	24.5	23.5	23	21.5	20.5	18	15.5				
NKP-GE50-160/153/A/BAQE/7.5/2MCE110/P	7.5	10		31.9				31.5	31.5	31.5	31.2	31	30.5	29.5	28.5	27.5	26	25	23.5						
NKP-GE50-160/169/A/BAQE/11/2 MCE110/P	11	15		39.6				39.5	39.3	39.1	39	38.5	38	37.2	36.5	35	34	32.5							
NKP-GE 50-200/200/A/BAQE/15/2 MCE150/P	15	20		55.1				54.7	54.6	54	53.5	52	51	49	47.5	45.5	43	41							
NKP-GE 65-125/127/A/BAQE/5,5/2MCE55/P	5.5	7.5		19.5					19	18.9	18.7	18.4	18.1	17.5	17.2	16.9	16.5	15.8	14.5	13	12				
NKP-GE65-125/137/A/BAQE/7,5/2MCE110/P	7.5	10		23.5					23.1	23	22.8	22.6	22.5	22	21.6	21.1	20.7	20.2	19	17.5	14.8	12			
NKP-GE65-160/157/A/BAQE/11/2MCE110/P	11	15		32.5							32.3	32	31.9	31.3	30.2	30	29.2	28.7	27	24.8	23.6				
NKP-GE65-160/173/A/BAQE/15/2MCE150/P	15	20		40.1							39.7	39.6	39.5	39.5	39	38.5	38.2	37.5	36	34.5	33.5	26.9			
NKP-GE80-160/147-127/A/BAQE/11/2MCE110/P	11	15		24														22	21.4	20.4	20	17.4	16.8	12	
NKP-GE 80-160/153/A/BAQE/15/2 MCE150/P	15	20		30.5														29	28.4	27.5	27	24.5	21.3	18.3	

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

NKM-GE, NKP-GE - MCE-C

END SUCTION CENTRIFUGAL ELECTRIC PUMPS FOR CIRCULATING SYSTEMS



End suction centrifugal electric pumps with coupling designed for a wide range of applications, such as:

- Hot water circulation for heating;
- Cold water circulation for air conditioning;
- Cold water circulation for refrigeration.

Particularly versatile thanks to the use of the **MCE-C variable frequency drive**, it guarantees performance that can automatically adapt to different system requirements while maintaining constant differential pressures.

Cast iron single-stage spiral body to DIN-EN 733 (formerly DIN 24255), cast iron support, flanges to DIN 2533 and DIN 2532 for DN 200.

Cast iron impeller, closed and dynamically balanced with axial thrust compensation via holes.

Pump shaft in AISI 304 stainless steel.

Sealing device: standardised mechanical seal as per DIN 24960 made of carbon/silicon carbide with EPDM O-rings.

Asynchronous, enclosed, externally-ventilated motor, B3/B5 mounting position, two-pole for NKP-GE and four-pole for NKM-GE.

Rotation speed 1450 - 2900 1/min.

Operating range

1 To 420 m³/h with head up to 72 metres.

Liquid temperature range

-10 °C to +140 °C.

Pumped liquid clean free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral close to the characteristics of water.

Maximum ambient temperature +40°C.

Maximum working pressure

16 bar - 1600 kPa (for DN 200 max 10 bar).

Protection degree IP55.

Insulation class F.

Flanging PN 16 DIN 2533.

Special designs on request Pumps for liquids other than water. Other voltages and/or frequencies. Variable frequency drive modulation with 0-10V signal.



MCE-C
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SELECTION
TABLE
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NKM-GE, NKP-GE - MCE-C - 4 POLES - FOR CIRCULATING SYSTEMS

MODEL	FLANGE DIMENSIONS (mm)		POWER SUPPLY 50/60 Hz - 1x230 ~ V							POWER SUPPLY 50 Hz - 3x400 ~ V						
			CODE	PRICE €	MODEL MCE	P2 NOMINAL		In A	WEIGHT (kg)	CODE	PRICE €	MODEL MCE	P2 NOMINAL		In A	WEIGHT (kg)
	DNA	DNM				kW	HP						kW	HP		
NKM-GE 32-125.1/140	50	32	60206466	4.283	MCE11/C	0.25	0.33	4.7	36	-	-	-	-	-	-	-
NKM-GE 32-125/142	50	32	60206459	4.308	MCE11/C	0.37	0.5	5.5	39	-	-	-	-	-	-	-
NKM-GE 32-160.1/169	50	32	60206460	4.374	MCE11/C	0.37	0.5	5.5	38	-	-	-	-	-	-	-
NKM-GE 32-160/169	50	32	60206462	4.425	MCE11/C	0.55	0.75	6.9	46	-	-	-	-	-	-	-
NKM-GE 32-200.1/200	50	32	60206463	4.452	MCE11/C	0.55	0.75	6.9	55	-	-	-	-	-	-	-
NKM-GE 32-200/219	50	32	60192245	4.391	MCE11/C	1.1	1.5	10.4	66	60192104	6.135	MCE30/C	1.1	1.5	3.2	68.6
NKM-GE 40-125/142	65	40	60206464	4.520	MCE11/C	0.55	0.75	6.9	51	-	-	-	-	-	-	-
NKM-GE 40-160/166	65	40	60192246	4.440	MCE11/C	0.75	1	9.9	54	60192105	6.183	MCE30/C	0.75	1	2.7	56.6
NKM-GE 40-200/219	65	40	60192247	5.125	MCE 11/C	1.5	2	13.9	70	60192107	6.738	MCE30/C	1.5	2	4.5	72.6
NKM-GE 40-250/260	65	40	-	-	-	-	-	-	-	60192248	6.728	MCE30/C	3	4	7.2	98
NKM-GE 50-125/141	65	50	60192249	4.440	MCE11/C	0.75	1	9.7	55	60192108	6.183	MCE30/C	0.75	1	t.b.d.	57.6
NKM-GE 50-160/177	65	50	60192250	5.101	MCE15/C	1.5	2	13.7	64	60192106	6.714	MCE30/C	1.5	2	4.4	66.6
NKM-GE 50-200/219	65	50	-	-	-	-	-	-	-	60192251	6.629	MCE30/C	3	4	6.7	90
NKM-GE 50-250/263	65	50	-	-	-	-	-	-	-	60192252	7.737	MCE30/C	4	5.5	9.4	105
NKM-GE 65-125/144	80	65	60192253	4.596	MCE11/C	1.1	1.5	10.9	65	60192109	6.338	MCE30/C	1.1	1.5	t.b.d.	67.6
NKM-GE 65-160/153	80	65	60192254	4.617	MCE11/C	1.1	1.5	11.2	67	60192110	6.360	MCE30/C	1.1	1.5	3.5	69.6
NKM-GE 65-160/177	80	65	60192255	5.761	MCE22/C	2.2	3	17.3	80	60192111	7.116	MCE30/C	2.2	3	5.8	82.6
NKM-GE 65-200/210	80	65	-	-	-	-	-	-	-	60192256	6.774	MCE30/C	3	4	7.8	97
NKM-GE 65-200/219	80	65	-	-	-	-	-	-	-	60192257	7.794	MCE55/C	4	5.5	10.3	105
NKM-GE 65-250/263	80	65	-	-	-	-	-	-	-	60192258	8.778	MCE55/C	5.5	7.5	12.7	168
NKM-GE 65-315/309	80	65	-	-	-	-	-	-	-	60167494	11.882	MCE110/C	11	15	26.6	263
NKM-GE 80-160/163	100	80	-	-	-	-	-	-	-	60192262	6.057	MCE22/C	2.2	3	19.6	87
NKM-GE 80-160/163	100	80	-	-	-	-	-	-	-	60192112	7.413	MCE30/C	2.2	3	t.b.d.	89.6
NKM-GE 80-160/177	100	80	-	-	-	-	-	-	-	60192263	6.766	MCE30/C	3	4	7.6	96
NKM-GE 80-200/222	100	80	-	-	-	-	-	-	-	60192264	8.594	MCE55/C	5.5	7.5	12.9	156
NKM-GE 80-250/270	100	80	-	-	-	-	-	-	-	60167495	11.841	MCE110/C	11	15	24.4	237
NKM-GE 80-315/305	100	80	-	-	-	-	-	-	-	60167496	14.792	MCE150/C	15	20	34.7	294
NKM-GE 100-200/200	125	100	-	-	-	-	-	-	-	60192265	9.002	MCE55/C	5.5	7.5	13.7	169
NKM-GE 100-200/214	125	100	-	-	-	-	-	-	-	60167497	10.940	MCE110/C	7.5	10	17.7	181
NKM-GE 100-250/250	125	100	-	-	-	-	-	-	-	60167498	12.164	MCE110/C	11	15	26	245
NKM-GE 100-250/270	125	100	-	-	-	-	-	-	-	60167499	14.554	MCE150/C	15	20	33.2	268
NKM-GE 125-250/243	150	125	-	-	-	-	-	-	-	60167501	15.079	MCE150/C	15	20	36.7	305
NKM-GE 150-200/218	200	150	-	-	-	-	-	-	-	60167502	14.526	MCE110/C	11	15	27.8	406

NKM-GE, NKP-GE - MCE-C

END SUCTION CENTRIFUGAL ELECTRIC PUMPS FOR CIRCULATING SYSTEMS



NKP-GE - MCE-C - 2 POLES - FOR CIRCULATING SYSTEMS

MODEL	FLANGE DIMENSIONS (mm)		POWER SUPPLY 50/60 Hz - 1x230 ~ V							POWER SUPPLY 50 Hz - 3x400 ~ V						
			CODE	PRICE €	MODEL MCE	P2 NOMINAL		In A	WEIGHT (kg)	CODE	PRICE €	MODEL MCE	P2 NOMINAL		In A	WEIGHT (kg)
	DNA	DNM				kW	HP						kW	HP		
NKP-GE 32-125.1/115	50	32	60192113	4.019	MCE11/C	1.1	1.5	10.9	51	60192134	5.762	MCE30/C	1.1	1.5	t.b.d.	53.6
NKP-GE 32-125.1/125	50	32	60192114	4.801	MCE11/C	1.5	2	14.7	56	60192135	6.416	MCE30/C	1.5	2	t.b.d.	58.6
NKP-GE 32-125.1/140	50	32	60192115	5.381	MCE15/C	2.2	3	19.9	58	60192136	6.735	MCE30/C	2.2	3	5.6	60.6
NKP-GE 32-125/110	50	32	60192116	4.136	MCE11/C	1.1	1.5	13.7	44	60192137	5.880	MCE30/C	1.1	1.5	t.b.d.	46.6
NKP-GE 32-125/120	50	32	60192117	4.807	MCE11/C	1.5	2	17.9	56	60192138	6.422	MCE30/C	1.5	2	4.1	58.6
NKP-GE 32-125/130	50	32	60192118	5.385	MCE15/C	2.2	3	24.3	58	60192139	6.745	MCE30/C	2.2	3	t.b.d.	60.6
NKP-GE 32-125/142	50	32	-	-	-	-	-	-	-	60192119	6.177	MCE30/C	3	4	7	76
NKP-GE 32-160.1/166	50	32	-	-	-	-	-	-	-	60192120	6.227	MCE30/C	3	4	6.7	70
NKP-GE 32-160.1/177	50	32	-	-	-	-	-	-	-	60192121	7.483	MCE55/C	4	5.5	8.5	90.6
NKP-GE 32-160/151	50	32	-	-	-	-	-	-	-	60192123	6.252	MCE30/C	3	4	7.1	70
NKP-GE 32-160/177	50	32	-	-	-	-	-	-	-	60192124	7.580	MCE55/C	5.5	7.5	12.7	114
NKP-GE 32-200.1/205	50	32	-	-	-	-	-	-	-	60192125	7.635	MCE55/C	5.5	7.5	11.4	114
NKP-GE 32-200/190	50	32	-	-	-	-	-	-	-	60192126	7.646	MCE55/C	5.5	7.5	12.3	126
NKP-GE 32-200/210	50	32	-	-	-	-	-	-	-	60167568	9.371	MCE110/C	7.5	10	17.1	135
NKP-GE 40-125/107	65	40	60192127	4.926	MCE11/C	1.5	2	14.7	61	60192140	6.542	MCE30/C	1.5	2	t.b.d.	63.6
NKP-GE 40-125/120	65	40	60192128	5.507	MCE22/C	2.2	3	19.9	74	60192141	6.867	MCE30/C	2.2	3	t.b.d.	76.6
NKP-GE 40-125/130	65	40	-	-	-	-	-	-	-	60192129	6.297	MCE30/C	3	4	7.2	85
NKP-GE 40-125/139	65	40	-	-	-	-	-	-	-	60192130	7.297	MCE55/C	4	5.5	9.6	107
NKP-GE 40-160/158	65	40	-	-	-	-	-	-	-	60192122	7.697	MCE55/C	5.5	7.5	12.4	119
NKP-GE 40-160/172	65	40	-	-	-	-	-	-	-	60167569	9.420	MCE110/C	7.5	10	17.1	127
NKP-GE 40-200/210	65	40	-	-	-	-	-	-	-	60167570	10.342	MCE110/C	11	15	24.9	207
NKP-GE 40-250/230	65	40	-	-	-	-	-	-	-	60167571	12.792	MCE150/C	15	20	34.5	220
NKP-GE 50-125/115	65	50	-	-	-	-	-	-	-	60192131	6.431	MCE30/C	3	4	7.2	87
NKP-GE 50-125/135	65	50	-	-	-	-	-	-	-	60192132	7.761	MCE55/C	5.5	7.5	12.6	124
NKP-GE 50-125/144	65	50	-	-	-	-	-	-	-	60167572	9.485	MCE110/C	7.5	10	17.1	133
NKP-GE 50-160/169	65	50	-	-	-	-	-	-	-	60167573	10.178	MCE110/C	11	15	24	132
NKP-GE 50-200/200	65	50	-	-	-	-	-	-	-	60167574	12.759	MCE150/C	15	20	32.5	216
NKP-GE 65-125/127	80	65	-	-	-	-	-	-	-	60192133	7.864	MCE55/C	5.5	7.5	12.8	122
NKP-GE 65-125/137	80	65	-	-	-	-	-	-	-	60167575	9.587	MCE110/C	7.5	10	17.4	131
NKP-GE 65-160/157	80	65	-	-	-	-	-	-	-	60167576	10.356	MCE110/C	11	15	23.4	202
NKP-GE 65-160/173	80	65	-	-	-	-	-	-	-	60167577	12.602	MCE150/C	15	20	33.5	212
NKP-GE 80-160/147-127	100	80	-	-	-	-	-	-	-	60167578	10.631	MCE110/C	11	15	24.1	215
NKP-GE 80-160/153	100	80	-	-	-	-	-	-	-	60167579	12.879	MCE150/C	15	20	32.6	221

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

NKM-GE, NKP-GE - MCE-C

END SUCTION CENTRIFUGAL ELECTRIC PUMPS FOR CIRCULATING SYSTEMS



SELECTION TABLES

NKM-GE - MCE-C - 4 POLES

> 1450 1/min

MODEL	Q (m³/h) (L/min)	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210	240	270	300	330	360	390	420
		0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000
NKM-GE 32-125.1/140	H (m)	6.2	5.8	4.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKM-GE 32-125/142		7	6.75	5.85	4.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKM-GE 32-160.1/169		8.9	8.2	4.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKM-GE 32-160/169		9.4	9	7.9	5.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKM-GE 32-200.1/200		12.7	11.2	7.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKM-GE 32-200/219		16	15.4	14.3	12.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKM-GE 40-125/142		6.6	6.5	6.2	5.7	4.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKM-GE 40-160/166		9.2	9.2	9	8.4	7.4	5.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKM-GE 40-200/219		15.6	15.6	15.3	14.7	13.4	11.8	9.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKM-GE 40-250/260		23.1	23.1	22.8	22.2	20.8	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKM-GE 50-125/141		6.5	-	6.3	6.1	5.8	5.5	5	4.5	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKM-GE 50-160/177		10.7	-	10.7	10.7	10.5	10.2	9.8	9.2	8.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKM-GE 50-200/219		16.8	-	16.8	16.5	16.1	15.5	14.6	13.6	12.4	10.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKM-GE 50-250/263		23.8	-	23.8	23.8	23.4	22.7	21.6	20.4	19	17.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKM-GE 65-125/144		6.5	-	6.4	6.4	6.3	6.2	6	5.75	5.5	5.1	4.65	4.2	3.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKM-GE 65-160/153		7.4	-	7.4	7.3	7.15	6.9	6.65	6.25	5.8	5.3	4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKM-GE 65-160/177		10.5	-	-	-	10.4	10.3	10.2	9.9	9.6	9.2	8.75	8.2	7.4	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKM-GE 65-200/210		15.3	-	-	-	15.2	15.2	15.1	14.6	14.1	13.5	12.9	12.2	11.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKM-GE 65-200/219		17	-	-	-	17	16.9	16.8	16.4	16.2	15.8	15.2	14.3	13.8	12.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKM-GE 65-250/263		24.1	-	-	-	23.8	23.6	23.3	22.8	22.3	21.5	20.8	19.7	18.6	17.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKM-GE 65-315/309		34.2	-	-	-	-	-	-	33.2	33	32.5	32	31.5	30.7	29.8	29	28	25	21.7	-	-	-	-	-	-	-	-	-	-	-
NKM-GE 80-160/163		8.65	-	-	-	-	8.5	8.45	8.3	8.15	7.9	7.7	7.4	7.2	6.9	6.65	6.3	5.7	4.9	4.6	-	-	-	-	-	-	-	-	-	-
NKM-GE 80-160/177		10.2	-	-	-	-	10.2	10.1	10	9.9	9.75	9.65	9.5	9.25	9	8.8	8.6	7.9	7.2	6.7	-	-	-	-	-	-	-	-	-	-
NKM-GE 80-200/222		16.6	-	-	-	-	-	16.5	16.5	16.4	16.2	16.1	16	15.7	15.4	15	14.3	13.3	12.7	-	-	-	-	-	-	-	-	-	-	-
NKM-GE 80-250/270		25.6	-	-	-	-	-	25.5	25.5	25.4	25.1	25	24.8	24.6	24.2	24	23	21.5	21	-	-	-	-	-	-	-	-	-	-	-
NKM-GE 80-315/305		32.9	-	-	-	-	-	-	-	-	32.7	32.6	32.6	32.5	32.4	32	31.6	30.5	29.5	28.9	24	-	-	-	-	-	-	-	-	-
NKM-GE 100-200/200		12.7	-	-	-	-	-	-	-	-	-	12.6	12.6	12.5	12.5	12.4	12.3	12	11.5	11.4	10.1	8.5	-	-	-	-	-	-	-	-
NKM-GE 100-200/214		15.6	-	-	-	-	-	-	-	-	-	15.4	15.4	15.3	15.2	15.1	15	14.7	14.5	14.3	13.3	11.6	9.8	-	-	-	-	-	-	-
NKM-GE 100-250/250		21.1	-	-	-	-	-	-	-	-	-	21	21	21	21	21	21	20.9	20	19.8	18	16	-	-	-	-	-	-	-	-
NKM-GE 100-250/270		25.5	-	-	-	-	-	-	-	-	-	25.5	25.5	25.5	25.3	25.1	25.1	25	24.5	24	22.5	20.5	17.5	-	-	-	-	-	-	-
NKM-GE 125-250/243		19.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.3	19.3	19.2	19.2	18.7	17.8	16.8	15.5	14.1	12.5	10.9	-	-
NKM-GE 150-200/218		13.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.1	13	13	12.8	12.5	12.1	11.5	11	10.4	9.7	9	8

NKM-GE, NKP-GE - MCE-C

END SUCTION CENTRIFUGAL ELECTRIC PUMPS FOR CIRCULATING SYSTEMS



SELECTION TABLES

NKP-GE - MCE-C - 2 POLES

> 2900 1/min

MODEL	Q (m³/h) (L/min)	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210
		0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500
NKP-GE 32-125.1/115	H (m)	17.2	17	15	12.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKP-GE 32-125.1/125		21	20.8	19	16.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKP-GE 32-125.1/140		27	26.9	25.9	23	19.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKP-GE 32-125/110		15.8	15.2	14.5	12.9	9.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKP-GE 32-125/120		19.3	18.9	18.2	16.8	14.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKP-GE 32-125/130		23.6	23.1	23	21.6	19.6	16.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKP-GE 32-125/142		28.6	28	27.6	26.5	24.6	21.8	17.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKP-GE 32-160.1/166		35.3	35	33	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKP-GE 32-160.1/177		42.7	43.4	42.6	38.5	33.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKP-GE 32-160/151		30.5	30	29	27	24	19.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKP-GE 32-160/177		43.5	43.2	42.6	41.5	39	36	31.5	25.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKP-GE 32-200.1/205		56.6	55.7	52	45.8	36.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKP-GE 32-200/190		46.9	46.5	45	43	40	35	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKP-GE 32-200/210		58.8	58	57	56	53	49	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NKP-GE 40-125/107		14.7	14.5	14.3	13.8	13	11.8	10.5	8.6	7	-	-	-	-	-	-	-	-	-	-	-	-	-
NKP-GE 40-125/120		19	18.7	18.4	17.8	17	15.9	14.6	13	11	-	-	-	-	-	-	-	-	-	-	-	-	-
NKP-GE 40-125/130		22.8	22.5	22.3	22	21.2	20.2	19	17.4	15.5	13.5	-	-	-	-	-	-	-	-	-	-	-	-
NKP-GE 40-125/139		26.4	26.2	26	25.6	25	24	23	21.5	19.5	17.5	15	-	-	-	-	-	-	-	-	-	-	-
NKP-GE 40-160/158		33.7	-	-	34	33.4	32.4	31	29.5	27	24	-	-	-	-	-	-	-	-	-	-	-	-
NKP-GE 40-160/172		40.7	-	-	40.2	40.1	39.8	38.5	37.5	35.5	33	30	26.5	-	-	-	-	-	-	-	-	-	-
NKP-GE 40-200/210		57.1	57	57	56.8	56.5	56	55	53	50	47	43.5	39	-	-	-	-	-	-	-	-	-	-
NKP-GE 40-250/230		72.5	-	-	72.5	72	70	68	66	62.5	60	56	51.5	-	-	-	-	-	-	-	-	-	-
NKP-GE 50-125/115		17	-	-	-	16.5	16	15.5	15	14.5	13.7	13	12	11	10	9	-	-	-	-	-	-	-
NKP-GE 50-125/135		24	-	-	-	23.6	23.5	23.2	22.8	22.2	21.5	21	20	19.1	18.5	17.5	16.5	13.4	-	-	-	-	-
NKP-GE 50-125/144		28	-	-	-	27.8	27.5	27.3	27	26.5	25.8	25.3	24.5	23.5	23	21.5	20.5	18	15.5	-	-	-	-
NKP-GE 50-160/169		39.6	-	-	-	-	39.5	39.3	39.1	39	38.5	38	37.2	36.5	35	34	32.5	-	-	-	-	-	-
NKP-GE 50-200/200		55.1	-	-	-	-	54.7	54.6	54	53.5	52	51	49	47.5	45.5	43	41	-	-	-	-	-	-
NKP-GE 65-125/127		19.5	-	-	-	-	-	19	18.9	18.7	18.4	18.1	17.5	17.2	16.9	16.5	15.8	14.5	13	12	-	-	-
NKP-GE 65-125/137		23.5	-	-	-	-	-	23.1	23	22.8	22.6	22.5	22	21.6	21.1	20.7	20.2	19	17.5	14.8	12	-	-
NKP-GE 65-160/157		32.5	-	-	-	-	-	-	-	32.3	32	31.9	31.3	30.2	30	29.2	28.7	27	28.4	23.6	-	-	-
NKP-GE 65-160/173		40.1	-	-	-	-	-	-	-	39.7	39.6	39.5	39.5	39	38.5	38.2	37.5	36	34.5	33.5	26.9	-	-
NKP-GE 80-160/147-127		24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	21.4	20.4	20	17.4	16.8	12
NKP-GE 80-160/153		30.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	28.4	27.5	27	24.5	21.3	18.3

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETS

END SUCTION AND
VERTICAL MULTISTAGE PUMPS

DRAINAGE
AND SEWAGE

GROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

NKM-G, NKP-G

END SUCTION STANDARDISED CENTRIFUGAL ELECTRIC PUMPS



End suction centrifugal electric pumps with coupling designed for a wide range of applications, such as:

- water supply;
- circulation of hot water for heating;
- circulation of cold water for air conditioning and refrigeration;
- liquid transfer in agriculture, horticulture and industry;
- implementation of pumping sets.

Cast iron single-stage spiral body to DIN-EN 733 (formerly DIN 24255), cast iron support, flanges to DIN 2533 and DIN 2532 for DN 200.

Cast iron impeller, closed and dynamically balanced with axial thrust compensation via balancing holes.

Pump shaft in AISI 304 stainless steel.

Sealing device: standardised mechanical seal as per DIN 24960 made of carbon/silicon carbide with EPDM O-rings.

Asynchronous, enclosed, externally-ventilated motor, B3/B5 mounting position, two-pole for NKP and four-pole for NKM.

To protect the motor, we recommend the use of a motor protector in accordance with current standards.

Rotation speed 1450 - 2900 1/min.

Operating range

1 to 420 m³/h with head up to 100 metres.

Pumped liquid clean, free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral close to the characteristics of water.

Liquid temperature range

-10 °C to +140 °C.

Maximum ambient temperature +40°C.

Maximum working pressure

16 bar - 1600 kPa (for DN 200 max 10 bar).

Flanging

PN 16 DIN 2533 - PN 10 DIN 2532 for DN 200.

Special designs on request

Pumps for liquids other than water.

Other voltages and/or frequencies.

THREE-PHASE MOTORS	P2	< 0.75 kW	IE2
		≥ 0.75 kW < 75 kW	IE3
		≥ 75 kW	IE4

ACCESSORIES
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NKM-G - END SUCTION STANDARDISED - 4-POLES

CAST IRON IMPELLER > 1450 1/min

MODEL	CODE	PRICE €	ELECTRICAL DATA						HYDRAULIC DATA								DNA	DNM	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMINAL		In (A)		Q=m³/h	0	6	12	18	24	30	36				
				kW	HP	230V	400V	Q=l/min	0	100	200	300	400	500	600				
NKM-G 32-125.1/140/A/BAQE/0.25/4	1D1K11BXC	1.447	3x230 - 400V ~	0.25	0.33	1.56	0.9	H(m)	6.2	5.8	4.2					50	32	32.8	
NKM-G 32-125/142/A/BAQE/0.37/4	1D1111B1C	1.475	3x230 - 400V ~	0.37	0.5	1.69	1		7	6.75	5.85	4.2					50	32	33.5
NKM-G 32-160.1 169/A/BAQE/0.37/4	1D1L11B1C	1.536	3x230 - 400V ~	0.37	0.5	1.69	1		8.9	8.2	4.6						50	32	35.6
NKM-G 32-160/169/A/BAQE/0,55/4	1D1211B2C	1.579	3x230 - 400V ~	0.55	0.75	2.6	1.5		9.4	9	7.9	5.6					50	32	39.8
NKM-G 32-200.1 200/A/BAQE/0,55/4	1D1M11B2C	1.613	3x230 - 400V ~	0.55	0.75	2.6	1.5		12.7	11.2	7.2						50	32	45
NKM-G 32-200/200/A/BAQE/0,75/4	1D1311B3W	1.594	3x230 - 400V ~	0.75	1	3.12	1.8		13	12.5	11.1	8.45					50	32	42
NKM-G 32-200/219/A/BAQE/1,1/4	1D1311B4W	1.696	3x230 - 400V ~	1.1	1.5	4.33	2.5		16	15.4	14.3	12.2					50	32	41
NKM-G 40-125/115/A/BAQE/0.25/4	1D2111BXC	1.579	3x230 - 400V ~	0.25	0.33	1.56	0.9		4.2	4.1	3.7	3	2.1				65	40	34.2
NKM-G 40-125/130/A/BAQE/0.37/4	1D2111B1C	1.613	3x230 - 400V ~	0.37	0.5	1.69	1		5.4	5.3	5	4.4	3.5				65	40	35.3
NKM-G 40-125/142/A/BAQE/0.55/4	1D2111B2C	1.672	3x230 - 400V ~	0.55	0.75	2.6	1.5		6.6	6.5	6.2	5.7	4.8				65	40	39.4
NKM-G 40-160/153/A/BAQE/0.55/4	1D2211B2C	1.740	3x230 - 400V ~	0.55	0.75	2.6	1.5		7.6	7.6	7.5	6.7	5.5				65	40	40
NKM-G 40-160/166/A/BAQE/0.75/4	1D2211B3W	1.732	3x230 - 400V ~	0.75	1	3.12	1.8		9.2	9.2	9	8.4	7.4	5.7			65	40	35
NKM-G 40-200/200/A/BAQE/1,1/4	1D2311B4W	1.795	3x230 - 400V ~	1.1	1.5	4.3	2.5		12.5	12.5	12.3	11.2	9.7	7.7			65	40	41
NKM-G 40-200/219/A/BAQE/1,5/4	1D2311B5W	1.906	3x230 - 400V ~	1.5	2	6.24	3.6		15.6	15.6	15.3	14.7	13.4	11.8	9.8		65	40	42
NKM-G 40-250/245/A/BAQE/2,2/4	1D2411B6W	2.407	3x230 - 400V ~	2.2	3	10.22	5.9		20.6	20.5	20.1	19.2	17.8	16			65	40	63
NKM-G 40-250/260/A/BAQE/3/4	1D2411B7X	2.641	3x400V ~	3	4	-	6.8		23.3	23.1	22.8	22.2	20.8	19			65	40	59

Price excludes counterflanges.

NKM-G, NKP-G

END SUCTION STANDARDISED CENTRIFUGAL ELECTRIC PUMPS



NKM-G - END SUCTION STANDARDISED - 4-POLES

CAST IRON IMPELLER
> 1450 1/min

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA																			DNA	DNM	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMIN.		In (A)		Q=m³/h	0	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114				
				kW	HP	230V	400V	Q=l/min	0	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900				
NKM-G 50-125/130/A/ BAQE/0.55/4	1D3111B2C	1.741	3x230-400V ~	0.55	0.75	2.6	1.5	H (m)	5.5	5.2	5	4.7	4.3	3.9	3.3	2.6										65	50	43	
NKM-G 50-125/141/A/ BAQE/0.75/4	1D3111B3W	1.733	3x230-400V ~	0.75	1	3.12	1.8		6.5	6.3	6.1	5.8	5.5	5	4.5	3.9										65	50	37	
NKM-G 50-160/161/A/ BAQE/1.1/4	1D3211B4W	1.766	3x230-400V ~	1.1	1.5	4.33	2.5		8.6	8.6	8.5	8.2	7.8	7.3	6.7	5.7										65	50	37	
NKM-G 50-160/177/A/ BAQE/1.5/4	1D3211B5W	1.869	3x230-400V ~	1.5	2	6.24	3.6		10.7	10.7	10.7	10.5	10.2	9.8	9.2	8.3										65	50	35	
NKM-G 50-200/210/A/ BAQE/2.2/4	1D3311B6W	2.310	3x230-400V ~	2.2	3	10.22	5.9		15.3	15.3	15.2	14.8	14	13.3	12.1	10.8	9.4									65	50	55	
NKM-G 50-200/219/A/ BAQE/3/4	1D3311B7X	2.546	3x400V ~	3	4	-	6.8		16.8	16.8	16.5	16.1	15.5	14.6	13.6	12.4	10.9									65	50	52	
NKM-G 50-250/263/A/ BAQE/4/4	1D3411B8X	2.903	3x400V ~	4	5.5	-	8.2		23.8	23.8	23.8	23.4	22.7	21.6	20.4	19	17.1									65	50	56	
NKM-G 65-125/130/A/ BAQE/0.75/4	1D4111B3W	2.004	3x230-400V ~	0.75	1	3.12	1.8		5.1	4.9	4.8	4.75	4.7	4.4	4.2	3.8	3.4	3	2.5							80	65	52	
NKM-G 65-125/144/A/ BAQE/1.1/4	1D4111B4W	2.088	3x230-400V ~	1.1	1.5	4.33	2.5		6.5	6.4	6.4	6.3	6.2	6	5.75	5.5	5.1	4.65	4.2	3.75						80	65	39	
NKM-G 65-160/153/A/ BAQE/1.1/4	1D4211B4W	2.107	3x230-400V ~	1.1	1.5	4.33	2.5		7.4	7.4	7.3	7.15	6.9	6.65	6.25	5.8	5.3	4.4								80	65	42	
NKM-G 65-160/165/A/ BAQE/1.5/4	1D4211B5W	2.201	3x230-400V ~	1.5	2	6.24	3.6		8.9		8.8	8.7	8.6	8.3	8	7.6	7.15	6.6	6							80	65	40	
NKM-G 65-160/177/A/ BAQE/2.2/4	1D4211B6W	2.401	3x230-400V ~	2.2	3	10.22	5.9		10.5			10.4	10.3	10.2	9.9	9.6	9.2	8.75	8.2	7.4	6.6					80	65	52	
NKM-G 65-200/210/A/ BAQE/3/4	1D4311B7X	2.894	3x400V ~	3	4	-	6.8		15.3			15.2	15.2	15.1	14.6	14.1	13.5	12.9	12.2	11.3						80	65	56	
NKM-G 65-200/219/A/ BAQE/4/4	1D4311B8X	3.196	3x400V ~	4	5.5	-	8.2		17			17	16.9	16.8	16.4	16.2	15.8	15.2	14.3	13.8	12.6					80	65	58	
NKM-G 65-250/263/A/ BAQE/5.5/4	1D4411B9X	4.413	3x400V ~	5.5	7.5	-	10.6		24.1			23.8	23.6	23.3	22.8	22.3	21.5	20.8	19.7	18.6	17.3					80	65	142	
NKM-G 65-315/279/A/ BAQE/7.5/4	1D4511BAX	5.266	3x400V ~	7.5	10	-	14.4	27						26	25.5	25	24.5	23.6	22.7	21.5	20.2	19			80	65	163		
NKM-G 65-315/309/A/ BAQE/11/4	1D4511BBX	6.162	3x400V ~	11	15	-	22.4	34.2							33.2	33	32.5	32	31.5	30.7	29.8	29	28	25	21.7	80	65	231	

Price excludes counterflanges.

NKM-G, NKP-G

END SUCTION STANDARDISED CENTRIFUGAL ELECTRIC PUMPS



NKM-G - END SUCTION STANDARDISED - 4-POLES

CAST IRON IMPELLER
> 1450 1/min

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA																					DNA	DNM	WEIGH KG
			POWER SUPPLY 50 Hz	P2 NOMIN.		In (A)		Q=m³/h	0	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180						
				kW	HP	230V	400V	Q=l/min	0	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000						
NKM-G 80-160/153-136/A/ BAQE/1.5/4	1D5211B5W	2.524	3x230-400 V~	1.5	2	6.24	3.6	H (m)	6.5	6.35	6.3	6.2	5.95	5.75	5.55	5.3	5	4.7	4.5	4.25	3.65	3				100	80	46			
NKM-G 80-160/153-136/A/ BAQE/1.5/4	1D5211B6W	2.715	3x230-400 V~	2.2	3	10.22	5.9		8.65	8.5	8.45	8.3	8.15	7.9	7.7	7.4	7.2	6.9	6.65	6.3	5.7	4.9	4.6			100	80	61			
NKM-G 80-160/177/A/ BAQE/3/4	1D5211B7X	2.885	3x400 V~	3	4	-	6.8		10.2	10.2	10.1	10	9.9	9.75	9.65	9.5	9.25	9	8.8	8.6	7.9	7.2	6.7			100	80	58			
NKM-G 80-200/200/A/ BAQE/4/4	1D5311B8X	3.599	3x400 V~	4	5.5	-	8.2		13.2			13.1	13	12.9	12.8	12.7	12.4	12	11.7	11.3	10.4	9.3	8.7			100	80	83			
NKM-G 80-200/222/A/ BAQE/5,5/4	1D5311B9X	4.214	3x400 V~	5.5	7.5	-	10.6		16.6			16.5	16.5	16.4	16.2	16.1	16	15.7	15.4	15	14.3	13.3	12.7			100	80	130			
NKM-G 80-200/222/A/ BAQE/5,5/4	1D5411BAX	5.222	3x400 V~	7.5	10	-	14.4		20.4			20.3	20.3	20.2	20.1	20	19.9	19.8	19.5	19	18	16.7	16			100	80	153			
NKM-G 80-250/270/A/ BAQE/11/4	1D5411BBX	6.115	3x400 V~	11	15	-	22.4		25.6			25.5	25.5	25.4	25.1	25	24.8	24.6	24.2	24	23	21.5	21			100	80	205			
NKM-G 80-315/305/A/ BAQE/15/4	1D5511BCX	7.452	3x400 V~	15	20	-	30.5		32.9					32.7	32.6	32.6	32.5	32.4	32	31.6	30.5	29.5	28.9	24		100	80	263			
NKM-G 80-315/320/A/ BAQE/18,5/4	1D5511BDX	7.943	3x400 V~	18.5	25	-	34.3		36.8					36.7	36.7	36.6	36.5	36.5	36.5	36.1	35.5	34.5	34	29.5		100	80	275			
NKM-G 80-315/334/A/ BAQE/22/4	1D5511BEX	8.515	3x400 V~	22	30	-	40.2	41					40.8	40.8	40.7	40.6	40.6	40.4	40.2	39.8	39	38.5	34.8	29	100	80	298				

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA																	DNA	DNM	WEIGH KG
			POWER SUPPLY 50 Hz	P2 NOMIN.		In A	Q=m³/h	0	60	66	72	78	84	90	102	114	120	150	180	210						
				kW	HP		Q=l/min	0	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500						
NKM-G100-200/200/A/BAQE/5.5/4	1D6311B9X	4.664	3x400 V ~	5.5	7.5	10.6	H (m)	12.7	12.6	12.6	12.5	12.5	12.4	12.3	12	11.5	11.4	10.1	8.5		125	100	166			
NKM-G100-200/200/A/BAQE/5.5/4	1D6311BAX	5.134	3x400 V ~	7.5	10	14.4		15.6	15.4	15.4	15.3	15.2	15.1	15	14.7	14.5	14.3	13.3	11.6	9.8	125	100	149			
NKM-G100-250/250/A/BAQE/11/4	1D6411BBX	6.470	3x400 V ~	11	15	22.4		21.1	21	21	21	21	21	21	20.9	20	19.8	18	16		125	100	213			
NKM-G100-250/270/A/BAQE/15/4	1D6411BCX	7.194	3x400 V ~	15	20	30.5		25.5	25.5	25.5	25.5	25.3	25.1	25.1	25	24.5	24	22.5	20.5	17.5	125	100	237			
NKM-G100-315/300/A/BAQE/18.5/4	1D6511BDX	8.515	3x400 V ~	18.5	25	34.3		32					31.5	31.4	31	30.5	28.8	26	23		125	100	257			
NKM-G100-315/316/A/BAQE/22/4	1D6511BEX	9.088	3x400 V ~	22	30	40.2		36					35.5	35.2	35	34.6	33.2	31	28	24	125	100	272			

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA															DNA	DNM	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMIN.		In (A)	Q=m³/h	0	102	114	120	150	180	210	240	270	300	330	360	390	420			
				kW	HP		Q=l/min	0	1700	1900	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000			
NKM-G125-250/243/A/BAQE/15/4	1D7411BCX	7.767	3x400V~	15	20	30.5	H(m)	19.5	19.3	19.3	19.2	19.2	18.7	17.8	16.8	15.5	14.1	12.5	10.9			150	125	274
NKM-G125-250/256/A/BAQE/18,5/4	1D7411BDX	8.301	3x400V~	18.5	25	34.3		21.9	21.8	21.8	21.7	21.6	21.3	20.5	19.5	18.5	17.2	15.6	14	12		150	125	290
NKM-G125-250/266/A/BAQE/22/4	1D7411BEX	8.874	3x400V~	22	30	40.2		24.6	24.4	24.2	24.1	24	23.5	22.9	22	21	19.8	18.5	16.7	15		150	125	309
NKM-G150-200/218/A/BAQE/11/4	1D8311BBX	9.049	3x400V~	11	15	22.4		13.2	13.1	13	13	12.8	12.5	12.1	11.5	11	10.4	9.7	9	8	7	150	125	280

Price excludes counterflanges.

NKM-G, NKP-G

END SUCTION STANDARDISED CENTRIFUGAL ELECTRIC PUMPS



DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

NKM-G - END SUCTION STANDARDISED - 4-POLES

BRONZE IMPELLER
> 1450 1/min

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA								DNA	DNM	WEIGH KG	
			POWER SUPPLY 50 Hz	P2 NOMINAL		In (A)		Q=m³/h	0	6	12	18	24	30	36				
				kW	HP	230V	400V	Q=l/min	0	100	200	300	400	500	600				
NKM-G 32-125.1/140/B/BAQE/0.25/4	1D1K21BXC	1.582	3x230 - 400 V ~	0.25	0.33	1.56	0.9	H(m)	6.2	5.8	4.2					50	32	32.8	
NKM-G 32-125/142/B/BAQE/0.37/4	1D1121B1C	1.614	3x230 - 400 V ~	0.37	0.5	1.69	1		7	6.75	5.85	4.2					50	32	33.5
NKM-G 32-160.1/169/B/BAQE/0.37/4	1D1L21B1C	1.820	3x230 - 400 V ~	0.37	0.5	1.69	1		8.9	8.2	4.6						50	32	35.6
NKM-G 32-160/169/B/BAQE/0,55/4	1D1221B2C	1.864	3x230 - 400 V ~	0.55	0.75	2.6	1.5		9.4	9	7.9	5.6					50	32	39.8
NKM-G 32-200.1/200/B/BAQE/0,55/4	1D1M21B2C	1.949	3x230 - 400 V ~	0.55	0.75	2.6	1.5		12.7	11.2	7.2						50	32	45
NKM-G 32-200/200/B/BAQE/0,75/4	1D1321B3W	1.929	3x230 - 400 V ~	0.75	1	3.12	1.8		13	12.5	11.1	8.45					50	32	42
NKM-G 32-200/219/B/BAQE/1,1/4	1D1321B4W	2.029	3x230 - 400 V ~	1.1	1.5	4.33	2.5		16	15.4	14.3	12.2					50	32	41
NKM-G 40-125/115/B/BAQE/0.25/4	1D2121BXC	1.758	3x230 - 400 V ~	0.25	0.33	1.56	0.9		4.2	4.1	3.7	3	2.1				65	40	34.2
NKM-G 40-125/130/B/BAQE/0.37/4	1D2121B1C	1.784	3x230 - 400 V ~	0.37	0.5	1.69	1		5.4	5.3	5	4.4	3.5				65	40	35.3
NKM-G 40-125/142/B/BAQE/0.55/4	1D2121B2C	1.847	3x230 - 400 V ~	0.55	0.75	2.6	1.5		6.6	6.5	6.2	5.7	4.8				65	40	39.4
NKM-G 40-160/153/B/BAQE/0.55/4	1D2221B2C	2.029	3x230 - 400 V ~	0.55	0.75	2.6	1.5		7.6	7.6	7.5	6.7	5.5				65	40	40
NKM-G 40-160/166/B/BAQE/0.75/4	1D2221B3W	2.016	3x230 - 400 V ~	0.75	1	3.12	1.8		9.2	9.2	9	8.4	7.4	5.7			65	40	35
NKM-G 40-200/200/B/BAQE/1,1/4	1D2321B4W	2.138	3x230 - 400 V ~	1.1	1.5	4.3	2.5		12.5	12.5	12.3	11.2	9.7	7.7			65	40	41
NKM-G 40-200/219/B/BAQE/1,5/4	1D2321B5W	2.244	3x230 - 400 V ~	1.5	2	6.24	3.6		15.6	15.6	15.3	14.7	13.4	11.8	9.8		65	40	42
NKM-G 40-250/245/B/BAQE/2,2/4	1D2421B6W	2.902	3x230 - 400 V ~	2.2	3	10.22	5.9		20.6	20.5	20.1	19.2	17.8	16			65	40	63
NKM-G 40-250/260/B/BAQE/3/4	1D2421B7X	3.131	3x400 V ~	3	4	-	6.8		23.3	23.1	22.8	22.2	20.8	19			65	40	59

Price excludes counterflanges.

NKM-G, NKP-G

END SUCTION STANDARDISED CENTRIFUGAL ELECTRIC PUMPS



NKM-G - END SUCTION STANDARDISED - 4-POLES

BRONZE IMPELLER
> 1450 1/min

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA																			DNA	DNM	WEIGH KG
			POWER SUPPLY 50 Hz	P2 NOMIN.		In (A)		Q=m³/h	0	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114				
				kW	HP	230V	400V	Q=l/min	0	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900				
NKM-G 50-125/130/B/ BAQE/0.55/4	1D3121B2C	1.932	3x230 - 400V ~	0.55	0.75	2.6	1.5	H(m)	5.5	5.2	5	4.7	4.3	3.9	3.3	2.6										65	50	43	
NKM-G 50-125/141/B/ BAQE/0.75/4	1D3121B3W	1.915	3x230 - 400V ~	0.75	1	3.12	1.8		6.5	6.3	6.1	5.8	5.5	5	4.5	3.9										65	50	38	
NKM-G 50-160/161/B/ BAQE/1.1/4	1D3221B4W	2.067	3x230 - 400V ~	1.1	1.5	4.33	2.5		8.6	8.6	8.5	8.2	7.8	7.3	6.7	5.7										65	50	37	
NKM-G 50-160/177/B/ BAQE/1,5/4	1D3221B5W	2.173	3x230 - 400V ~	1.5	2	6.24	3.6		10.7	10.7	10.7	10.5	10.2	9.8	9.2	8.3										65	50	35	
NKM-G 50-200/210/B/ BAQE/2,2/4	1D3321B6W	2.687	3x230 - 400V ~	2.2	3	10.22	5.9		15.3	15.3	15.2	14.8	14	13.3	12.1	10.8	9.4									65	50	54	
NKM-G 50-200/219/B/ BAQE/3/4	1D3321B7X	2.921	3x400V ~	3	4	-	6.8		16.8	16.8	16.5	16.1	15.5	14.6	13.6	12.4	10.9									65	50	52	
NKM-G 50-250/263/B/ BAQE/4/4	1D3421B8X	3.410	3x400V ~	4	5.5	-	8.2		23.8	23.8	23.8	23.4	22.7	21.6	20.4	19	17.1									65	50	56	
NKM-G 65-125/130/B/ BAQE/0.75/4	1D4121B3W	2.203	3x230 - 400V ~	0.75	1	3.12	1.8		5.1	4.9	4.8	4.75	4.7	4.4	4.2	3.8	3.4	3	2.5							80	65	52	
NKM-G 65-125/144/B/ BAQE/1.1/4	1D4121B4W	2.288	3x230 - 400V ~	1.1	1.5	4.33	2.5		6.5	6.4	6.4	6.3	6.2	6	5.75	5.5	5.1	4.65	4.2	3.75						80	65	39	
NKM-G 65-160/153/B/ BAQE/1,1/4	1D4221B4W	2.444	3x230 - 400V ~	1.1	1.5	4.33	2.5		7.4	7.4	7.3	7.15	6.9	6.65	6.25	5.8	5.3	4.4								80	65	42	
NKM-G 65-160/165/B/ BAQE/1,5/4	1D4221B5W	2.534	3x230 - 400V ~	1.5	2	6.24	3.6		8.9		8.8	8.7	8.6	8.3	8	7.6	7.15	6.6	6							80	65	40	
NKM-G 65-160/177/B/ BAQE/2,2/4	1D4221B6W	2.732	3x230 - 400V ~	2.2	3	10.22	5.9		10.5			10.4	10.3	10.2	9.9	9.6	9.2	8.75	8.2	7.4	6.6					80	65	52	
NKM-G 65-200/210/B/ BAQE/3/4	1D4321B7X	3.303	3x400V ~	3	4	-	6.8		15.3			15.2	15.2	15.1	14.6	14.1	13.5	12.9	12.2	11.3						80	65	56	
NKM-G 65-200/219/B/ BAQE/4/4	1D4321B8X	3.610	3x400V ~	4	5.5	-	8.2		17			17	16.9	16.8	16.4	16.2	15.8	15.2	14.3	13.8	12.6					80	65	58	
NKM-G 65-250/263/B/ BAQE/5,5/4	1D4421B9X	5.099	3x400V ~	5.5	7.5	-	10.6		24.1			23.8	23.6	23.3	22.8	22.3	21.5	20.8	19.7	18.6	17.3					80	65	142	
NKM-G 65-315/279/B/ BAQE/7,5/4	1D4521BAX	6.105	3x400V ~	7.5	10	-	14.4		27						26	25.5	25	24.5	23.6	22.7	21.5	20.2	19			80	65	163	
NKM-G 65-315/309/B/ BAQE/11/4	1D4521BBX	7.004	3x400V ~	11	15	-	22.4		34.2							33.2	33	32.5	32	31.5	30.7	29.8	29	28	25	21.7	80	65	231

Price excludes counterflanges.

NKM-G, NKP-G

END SUCTION STANDARDISED CENTRIFUGAL ELECTRIC PUMPS



NKM-G - END SUCTION STANDARDISED - 4-POLES

BRONZE IMPELLER
> 1450 1/min

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA																		DNA	DNM	WEIGH KG	
			POWER SUPPLY 50 Hz	P2 NOMIN.		In (A)		Q=m³/h	0	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180				
				kW	HP	230V	400V	Q=l/min	0	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000				
NKM-G 80-160/153-136/B/ BAQE/1,5/4	1D5221B5W	2.883	3x230-400V~	1.5	2	6.24	3.6	H(m)	6.5	6.35	6.3	6.2	5.95	5.75	5.55	5.3	5	4.7	4.5	4.25	3.65	3				100	80	46	
NKM-G 80-160/163/B/ BAQE/2,2/4	1D5221B6W	3.079	3x230-400V~	2.2	3	10.22	5.9		8.65	8.5	8.45	8.3	8.15	7.9	7.7	7.4	7.2	6.9	6.65	6.3	5.7	4.9	4.6				100	80	61
NKM-G 80-160/177/B/ BAQE/3/4	1D5221B7X	3.245	3x400V~	3	4	-	6.8		10.2	10.2	10.1	10	9.9	9.75	9.65	9.5	9.25	9	8.8	8.6	7.9	7.2	6.7				100	80	58
NKM-G 80-200/200/B/ BAQE/4/4	1D5321B8X	4.042	3x400V~	4	5.5	-	8.2		13.2			13.1	13	12.9	12.8	12.7	12.4	12	11.7	11.3	10.4	9.3	8.7				100	80	84
NKM-G 80-200/222/B/ BAQE/5,5/4	1D5321B9X	4.496	3x400V~	5.5	7.5	-	10.6		16.6			16.5	16.5	16.4	16.2	16.1	16	15.7	15.4	15	14.3	13.3	12.7				100	80	130
NKM-G 80-250/240/B/ BAQE/7,5/4	1D5421BAX	6.338	3x400V~	7.5	10	-	14.4		20.4			20.3	20.3	20.2	20.1	20	19.9	19.8	19.5	19	18	16.7	16				100	80	153
NKM-G 80-250/270/B/ BAQE/11/4	1D5421BBX	6.821	3x400V~	11	15	-	22.4		25.6			25.5	25.5	25.4	25.1	25	24.8	24.6	24.2	24	23	21.5	21				100	80	205
NKM-G 80-315/305/B/ BAQE/15/4	1D5521BCX	8.320	3x400V~	15	20	-	30.5		32.9					32.7	32.6	32.6	32.5	32.4	32	31.6	30.5	29.5	28.9	24			100	80	263
NKM-G 80-315/320/B/ BAQE/18,5/4	1D5521BDX	8.812	3x400V~	18.5	25	-	34.3		36.8					36.7	36.7	36.6	36.5	36.5	36.5	36.1	35.5	34.5	34	29.5			100	80	275
NKM-G 80-315/334/B/ BAQE/22/4	1D5521BEX	9.385	3x400V~	22	30	-	40.2	41						40.8	40.8	40.7	40.6	40.6	40.4	40.2	39.8	39	38.5	34.8	29	100	80	298	

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA															DNA	DNM	WEIGH KG
			POWERSUPPLY 50 Hz	P2 NOMIN.		In A	Q=m³/h	0	60	66	72	78	84	90	102	114	120	150	180	210				
				kW	HP		Q=l/min	0	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500				
NKM-G100-200/200/B/BAQE/5.5/4	1D6321B9X	5.195	3 x 400 V ~	5.5	7.5	10.6	H(m)	12.7	12.6	12.6	12.5	12.5	12.4	12.3	12	11.5	11.4	10.1	8.5		125	100	142	
NKM-G100-200/214/B/BAQE/7.5/4	1D6321BAX	5.653	3 x 400 V ~	7.5	10	14.4		15.6	15.4	15.4	15.3	15.2	15.1	15	14.7	14.5	14.3	13.3	11.6	9.8	125	100	149	
NKM-G100-250/250/B/BAQE/11/4	1D6421BBX	7.221	3 x 400 V ~	11	15	22.4		21.1	21	21	21	21	21	21	20.9	20	19.8	18	16		125	100	213	
NKM-G100-250/270/B/BAQE/15/4	1D6421BCX	7.943	3 x 400 V ~	15	20	30.5		25.5	25.5	25.5	25.5	25.3	25.1	25.1	25	24.5	24	22.5	20.5	17.5	125	100	237	
NKM-G100-315/300/B/BAQE/18.5/4	1D6521BDX	9.427	3 x 400 V ~	18.5	25	34.3		32					31.5	31.4	31	30.5	28.8	26	23		125	100	257	
NKM-G100-315/316/B/BAQE/22/4	1D6521BEX	10.000	3 x 400 V ~	22	30	40.2		36					35.5	35.2	35	34.6	33.2	31	28	24	125	100	272	

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA																DNA	DNM	WEIGH KG
			POWER SUPPLY 50 Hz	P2 NOMIN.		In A	Q=m³/h	0	102	114	120	150	180	210	240	270	300	330	360	390	420				
				kW	HP		Q=l/min	0	1700	1900	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000				
NKM-G125-250/243/B/BAQE/15/4	1D7421BCX	8.617	3x400V ~	15	20	30.5	H(m)	19.5	19.3	19.3	19.2	19.2	18.7	17.8	16.8	15.5	14.1	12.5	10.9			150	125	274	
NKM-G125-250/256/B/BAQE/18,5/4	1D7421BDX	9.156	3x400V ~	18.5	25	34.3		21.9	21.8	21.8	21.7	21.6	21.3	20.5	19.5	18.5	17.2	15.6	14	12		150	125	290	
NKM-G125-250/266/B/BAQE/22/4	1D7421BEX	9.725	3x400V ~	22	30	40.2		24.6	24.4	24.2	24.1	24	23.5	22.9	22	21	19.8	18.5	16.7	15		150	125	309	
NKM-G150-200/218/B/BAQE/11/4	1D8321BBX	9.673	3x400V ~	11	15	22.4		13.2	13.1	13	13	12.8	12.5	12.1	11.5	11	10.4	9.7	9	8	7	150	125	280	

Price excludes counterflanges.

NKM-G, NKP-G

END SUCTION STANDARDISED CENTRIFUGAL ELECTRIC PUMPS



NKP-G - END SUCTION STANDARDISED - 2-POLES

CAST IRON IMPELLER
> 2900 1/min

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA																DNA	DNM	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMIN.		In (A)		Q=m³/h	0	6	12	18	24	30	36	42	48	54	60	66	72					
				kW	HP	230V	400V	Q=l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200					
NKP-G 32-125.1/102/A/BAQE/0.75/2	1D1K11B3U	1.213	3x230 - 400V ~	0.75	1	2.94	1.7	H (m)	13	12.5	11	8										50	32	30		
NKP-G 32-125.1/115/A/BAQE/1.1/2	1D1K11B4U	1.245	3x230 - 400V ~	1.1	1.5	4.16	2.4		17.2	17	15	12.5										50	32	31		
NKP-G 32-125.1/125/A/BAQE/1.5/2	1D1K11B5U	1.372	3x230 - 400V ~	1.5	2	5.2	3		21	20.8	19	16.8										50	32	33		
NKP-G 32-125.1/140/A/BAQE/2.2/2	1D1K11B6U	1.686	3x230 - 400V ~	2.2	3	7.97	4.6		27	26.9	25.9	23	19.5									50	32	34		
NKP-G 32-125/110/A/BAQE/1.1/2	1D1111B4U	1.158	3x230 - 400V ~	1.1	1.5	4.16	2.4		15.8	15.2	14.5	12.9	9.9									50	32	28		
NKP-G 32-125/120/A/BAQE/1.5/2	1D1111B5U	1.414	3x230 - 400V ~	1.5	2	5.2	3		19.3	18.9	18.2	16.8	14.5									50	32	32		
NKP-G 32-125/130/A/BAQE/2.2/2	1D1111B6U	1.686	3x230 - 400V ~	2.2	3	7.97	4.6		23.6	23.1	23	21.6	19.6	16.8								50	32	34		
NKP-G 32-125/142/A/BAQE/3/2	1D1111B7V	1.907	3x400V ~	3	4	-	5.6		28.6	28	27.6	26.5	24.6	21.8	17.9							50	32	48		
NKP-G 32-160.1 155/A/BAQE/2.2/2	1D1L11B6U	1.497	3x230 - 400V ~	2.2	3	7.97	4.6		31.7	32.4	31	26.7										50	32	35		
NKP-G 32-160.1 166/A/BAQE/3/2	1D1L11B7V	1.814	3x400V ~	3	4	-	5.6		36.7	37.3	36.3	32.8	27									50	32	42		
NKP-G 32-160.1 177/A/BAQE/4/2	1D1L11B8V	2.172	3x400V ~	4	5.5	-	8.2		42.7	43.4	42.6	38.5	33.9									50	32	59		
NKP-G 32-160/151/A/BAQE/3/2	1D1211B7V	1.814	3x400V ~	3	4	-	5.6		30.5	30	29	27	24	19.5								50	32	45		
NKP-G 32-160/163/A/BAQE/4/2	1D1211B8V	2.063	3x400V ~	4	5.5	-	8.2		36.2	36	35	33.5	30.5	27	22							50	32	32		
NKP-G 32-160/177/A/BAQE/5,5/2	1D1211B9V	2.258	3x400V ~	5.5	7.5	-	10.2		43.5	43.2	42.6	41.5	39	36	31.5	25.5						50	32	51		
NKP-G 32-200.1 188/A/BAQE/4/2	1D1M11B8V	2.063	3x400V ~	4	5.5	-	8.2		45.3	44.4	40.8	34.4	26.8									50	32	38		
NKP-G 32-200.1 205/A/BAQE/5,5/2	1D1M11B9V	2.258	3x400V ~	5.5	7.5	-	10.2		56.6	55.7	52	45.8	36.2									50	32	54		
NKP-G 32-200/190/A/BAQE/5,5/2	1D1311B9V	2.258	3x400V ~	5.5	7.5	-	10.2		46.9	46.5	45	43	40	35	29							50	32	57		
NKP-G 32-200/210/A/BAQE/7,5/2	1D1311BAV	2.817	3x400V ~	7.5	10	-	14.4		58.8	58	57	56	53	49	44							50	32	96		
NKP-G 40-125/107/A/BAQE/1.5/2	1D2111B5U	1.396	3x230 - 400V ~	1.5	2	5.2	3		14.7	14.5	14.3	13.8	13	11.8	10.5	8.6	7					65	40	34		
NKP-G 40-125/120/A/BAQE/2.2/2	1D2111B6U	1.495	3x230 - 400V ~	2.2	3	7.97	4.6		19	18.7	18.4	17.8	17	15.9	14.6	13	11					65	40	36		
NKP-G 40-125/130/A/BAQE/3/2	1D2111B7V	1.629	3x400V ~	3	4	-	5.6		22.8	22.5	22.3	22	21.2	20.2	19	17.4	15.5	13.5				65	40	47		
NKP-G 40-125/139/A/BAQE/4/2	1D2111B8V	1.872	3x400V ~	4	5.5	-	8.2		26.4	26.2	26	25.6	25	24	23	21.5	19.5	17.5	15			65	40	35		
NKP-G 40-160/158/A/BAQE/5,5/2	1D2211B9V	2.058	3x400V ~	5.5	7.5	-	10.2		33.7			34	33.4	32.4	31	29.5	27	24				65	40	51		
NKP-G 40-160/172/A/BAQE/7,5/2	1D2211BAV	2.865	3x400V ~	7.5	10	-	14.4		40.7			40.2	40.1	39.8	38.5	37.5	35.5	33	30	26.5		65	40	90		
NKP-G 40-200/210/A/BAQE/11/2	1D2311BBV	3.866	3x400V ~	11	15	-	19.7		57.1	57	57	56.8	56.5	56	55	53	50	47	43.5	39		65	40	170		
NKP-G 40-250/230/A/BAQE/15/2	1D2411BCV	4.411	3x400V ~	15	20	-	26.7		72.5			72.5	72	70	68	66	62.5	60	56	51.5		65	40	180		
NKP-G 40-250/245/A/BAQE/18.5/2	1D2411BDV	4.844	3x400V ~	18.5	25	-	33		83			83	82.5	81.5	80	77	74	71.5	67.5	63.5	58.5	65	40	192		
NKP-G 40-250/260/A/BAQE/22/2	1D2411BEV	5.512	3x400V ~	22	30	-	38.1		96			95	94.5	93.5	92	90	87.5	84	81	76.5	71.5	65	40	223		

Price excludes counterflanges.

NKM-G, NKP-G

END SUCTION STANDARDISED CENTRIFUGAL ELECTRIC PUMPS



NKP-G - END SUCTION STANDARDISED - 2-POLES

CAST IRON IMPELLER
> 2900 1/min

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA																				DNA	DNM	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A	Q=m³/h	0	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150					
				kW	HP		Q=l/min	0	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500					
NKP-G50-125/115/A/ BAQE/3/2	1D3111B7V	1.785	3x400 V~	3	4	5.6	H(m)	17	16.5	16	15.5	15	14.5	13.7	13	12	11	10	9						65	50	48		
NKP-G50-125/125/A/ BAQE/4/2	1D3111B8V	2.034	3x400 V~	4	5.5	8.2		20.5	20	19.5	19.1	18.5	18	17.5	16.5	15.8	14.8	14	12.5	11.5					65	50	42		
NKP-G50-125/135/A/ BAQE/5,5/2	1D3111B9V	2.228	3x400 V~	5.5	7.5	10.2		24	23.6	23.5	23.2	22.8	22.2	21.5	21	20	19.1	18.5	17.5	16.5	13.4				65	50	53		
NKP-G50-125/144/A/ BAQE/7,5/2	1D3111BAV	3.025	3x400 V~	7.5	10	14.4		28	27.8	27.5	27.3	27	26.5	25.8	25.3	24.5	23.5	23	21.5	20.5	18	15.5			65	50	87		
NKP-G50-160/153/A/ BAQE/7,5/2	1D3211BAV	3.052	3x400 V~	7.5	10	14.4		31.9	31.5	31.5	31.5	31.2	31	30.5	29.5	28.5	27.5	26	25	23.5					65	50	64		
NKP-G50-160/169/A/ BAQE/11/2	1D3211BBV	3.750	3x400 V~	11	15	19.7		39.6		39.5	39.3	39.1	39	38.5	38	37.2	36.5	35	34	32.5					65	50	96		
NKP-G50-200/200/A/ BAQE/15/2	1D3311BCV	4.427	3x400 V~	15	20	26.7		55.1		54.7	54.6	54	53.5	52	51	49	47.5	45.5	43	41					65	50	176		
NKP-G50-200/210/A/ BAQE/18,5/2	1D3311BDV	4.883	3x400 V~	18.5	25	33		61.7		61.7	61.6	61.5	60.5	59	58	56.5	55	53	51	48.5	43				65	50	187		
NKP-G50-200/219/A/ BAQE/22/2	1D3311BEV	5.549	3x400 V~	22	30	38.1		67.7		67.5	67.4	66.5	66	65.5	64	62.5	61	59.5	57	55	50				65	50	218		
NKP-G50-250/230/A/ BAQE/22/2	1D3411BEV	5.773	3x400 V~	22	30	38.1		73.6		73.2	73.1	72.8	72	71	68.5	67	65	62.5	60	57	49				65	50	223		
NKP-G50-250/257/A/ BAQE/30/2	1D3411BFV	7.102	3x400 V~	30	40	52.1		93		92.5	92.3	92	91.5	91	89	87.5	86	83	81	78	72				65	50	351		
NKP-G65-125/120-110/A/ BAQE/4/2	1D4111B8V	2.918	3x400 V~	4	5.5	8.2		16			15	14.6	14.2	13.7	13.3	12.8	12.3	12	11.4	10	8.5	8			80	65	40		
NKP-G65-125/127/A/ BAQE/5,5/2	1D4111B9V	3.399	3x400 V~	5.5	7.5	10.2		19.5			19	18.9	18.7	18.4	18.1	17.5	17.2	16.9	16.5	15.8	14.5	13	12		80	65	55		
NKP-G65-125/137/A/ BAQE/7,5/2	1D4111BAV	3.653	3x400 V~	7.5	10	14.4		23.5			23.1	23	22.8	22.6	22.5	22	21.6	21.1	20.7	20.2	19	17.5	14.8	12	80	65	94		
NKP-G65-160/157/A/ BAQE/11/2	1D4211BBV	4.495	3x400 V~	11	15	19.7		32.5					32.3	32	31.9	31.3	30.2	30	29.2	28.7	27	24.8	23.6		80	65	166		
NKP-G65-160/173/A/ BAQE/15/2	1D4211BCV	5.062	3x400 V~	15	20	26.7		40.1					39.7	39.6	39.5	39.5	39	38.5	38.2	37.5	36	34.5	33.5	26.9	80	65	172		
NKP-G65-200/190/A/ BAQE/18,5/2	1D4311BDV	5.809	3x400 V~	18.5	25	33		51.1					51	50.8	50.5	50	49	48.5	48	47.5	45	42.5	41		80	65	192		
NKP-G65-200/200/A/ BAQE/22/2	1D4311BEV	6.520	3x400 V~	22	30	38.1		56.4					56.1	56.1	56	55.8	55.5	55	54.8	54.5	53	51	49		80	65	223		
NKP-G65-200/219/A/ BAQE/30/2	1D4311BFV	7.816	3x400 V~	30	40	52.1		68.9					68.8	68.8	68.7	68.7	68.6	68.5	68.4	67.5	66	64	63.1	57	80	65	351		

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA												DNA	DNM	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A	Q=m³/h	0	90	102	114	120	150	180	210	240					
				kW	HP		Q=l/min	0	1500	1700	1900	2000	2500	3000	3500	4000					
NKP-G 80-160/147-127/A/BAQE/11/2	1D5211BBV	4.796	3x400 V ~	11	15	19.7	H (m)	24	22	21.4	20.4	20	17.4	16.8	12		100	80	179		
NKP-G 80-160/153/A/BAQE/15/2	1D5211BCV	5.361	3x400 V ~	15	20	26.7		30.5	29	28.4	27.5	27	24.5	21.3	18.3		100	80	181		
NKP-G 80-160/163/A/BAQE/18,5/2	1D5211BDV	5.764	3x400 V ~	18.5	25	33		35.5	34.3	33.6	32.6	32.3	29.8	26.8	23.6	20	100	80	192		
NKP-G 80-160/169/A/BAQE/22/2	1D5211BEV	6.478	3x400 V ~	22	30	38.1		38.5	37.2	36.8	36	35.8	33.5	30.8	27.5	24	100	80	221		
NKP-G 80-200/190/A/BAQE/30/2	1D5311BFV	8.241	3x400 V ~	30	40	52.1		48.3	47.9	47.6	47.5	47.3	44.7	41	36	29	100	80	374		

Price excludes counterflanges.

NKM-G, NKP-G

END SUCTION STANDARDISED CENTRIFUGAL ELECTRIC PUMPS



DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

NKP-G - END SUCTION STANDARDISED - 2-POLES

BRONZE IMPELLER
> 2900 1/min

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA																DNA	DNM	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMIN.		In (A)		Q=m³/h	0	6	12	18	24	30	36	42	48	54	60	66	72					
				kW	HP	230V	400V	Q=l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200					
NKP-G 32-125.1/102/B/BAQE/0.75/2	1D1K21B3U	1.365	3x230 - 400V ~	0.75	1	2.94	1.7	H (m)	13	12.5	11	8										50	32	30		
NKP-G 32-125.1/115/B/BAQE/1.1/2	1D1K21B4U	1.399	3x230 - 400V ~	1.1	1.5	4.16	2.4		17.2	17	15	12.5										50	32	31		
NKP-G 32-125.1/125/B/BAQE/1.5/2	1D1K21B5U	1.525	3x230 - 400V ~	1.5	2	5.2	3		21	20.8	19	16.8										50	32	33		
NKP-G 32-125.1/140/B/BAQE/2.2/2	1D1K21B6U	1.824	3x230 - 400V ~	2.2	3	7.97	4.6		27	26.9	25.9	23	19.5									50	32	34		
NKP-G 32-125/110/B/BAQE/1.1/2	1D1121B4U	1.302	3x230 - 400V ~	1.1	1.5	4.16	2.4		15.8	15.2	14.5	12.9	9.9									50	32	28		
NKP-G 32-125/120/B/BAQE/1.5/2	1D1121B5U	1.556	3x230 - 400V ~	1.5	2	5.2	3		19.3	18.9	18.2	16.8	14.5									50	32	32		
NKP-G 32-125/130/B/BAQE/2.2/2	1D1121B6U	1.824	3x230 - 400V ~	2.2	3	7.97	4.6		23.6	23.1	23	21.6	19.6	16.8								50	32	34		
NKP-G 32-125/142/B/BAQE/3/2	1D1121B7V	2.045	3x400V ~	3	4	-	5.6		28.6	28	27.6	26.5	24.6	21.8	17.9							50	32	48		
NKP-G 32-160.1 155/B/BAQE/2.2/2	1D1L21B6U	1.777	3x230 - 400V ~	2.2	3	7.97	4.6		29.2	29	26.5	20.5										50	32	35		
NKP-G 32-160.1 166/B/BAQE/3/2	1D1L21B7V	2.093	3x400V ~	3	4	-	5.6		35.3	35	33	28										50	32	42		
NKP-G 32-160.1 177/B/BAQE/4/2	1D1L21B8V	2.343	3x400V ~	4	5.5	-	8.2		42.7	43.4	42.6	38.5	33.9									50	32	59		
NKP-G 32-160/151/B/BAQE/3/2	1D1221B7V	2.093	3x400V ~	3	4	-	5.6		30.5	30	29	27	24	19.5								50	32	45		
NKP-G 32-160/163/B/BAQE/4/2	1D1221B8V	2.343	3x400V ~	4	5.5	-	8.2		36.2	36	35	33.5	30.5	27	22							50	32	32		
NKP-G 32-160/177/B/BAQE/5,5/2	1D1221B9V	2.544	3x400V ~	5.5	7.5	-	10.2		43.5	43.2	42.6	41.5	39	36	31.5	25.5						50	32	51		
NKP-G 32-200.1 188/B/BAQE/4/2	1D1M21B8V	2.400	3x400V ~	4	5.5	-	8.2		45.3	44.4	40.8	34.4	26.8									50	32	38		
NKP-G 32-200.1 205/B/BAQE/5,5/2	1D1M21B9V	2.600	3x400V ~	5.5	7.5	-	10.2		56.6	55.7	52	45.8	36.2									50	32	54		
NKP-G 32-200/190/B/BAQE/5,5/2	1D1321B9V	2.600	3x400V ~	5.5	7.5	-	10.2		46.9	46.5	45	43	40	35	29							50	32	57		
NKP-G 32-200/210/B/BAQE/7,5/2	1D1321BAV	3.153	3x400V ~	7.5	10	-	14.4		58.8	58	57	56	53	49	44							50	32	96		
NKP-G 40-125/107/B/BAQE/1.5/2	1D2121B5U	1.581	3x230 - 400V ~	1.5	2	5.2	3		14.7	14.5	14.3	13.8	13	11.8	10.5	8.6	7					65	40	34		
NKP-G 40-125/120/B/BAQE/2.2/2	1D2121B6U	1.676	3x230 - 400V ~	2.2	3	7.97	4.6		19	18.7	18.4	17.8	17	15.9	14.6	13	11					65	40	36		
NKP-G 40-125/130/B/BAQE/3/2	1D2121B7V	1.801	3x400V ~	3	4	-	5.6		22.8	22.5	22.3	22	21.2	20.2	19	17.4	15.5	13.5				65	40	47		
NKP-G 40-125/139/B/BAQE/4/2	1D2121B8V	2.045	3x400V ~	4	5.5	-	8.2		26.4	26.2	26	25.6	25	24	23	21.5	19.5	17.5	15			65	40	35		
NKP-G 40-160/158/B/BAQE/5,5/2	1D2221B9V	2.356	3x400V ~	5.5	7.5	-	10.2		33.7			34	33.4	32.4	31	29.5	27	24				65	40	51		
NKP-G 40-160/172/B/BAQE/7,5/2	1D2221BAV	3.152	3x400V ~	7.5	10	-	14.4		40.7			40.2	40.1	39.8	38.5	37.5	35.5	33	30	26.5		65	40	90		
NKP-G 40-200/210/B/BAQE/11/2	1D2321BBV	4.214	3x400V ~	11	15	-	19.7		57.1	57	57	56.8	56.5	56	55	53	50	47	43.5	39		65	40	170		
NKP-G 40-250/230/B/BAQE/15/2	1D2421BCV	4.913	3x400V ~	15	20	-	26.7		72.5			72.5	72	70	68	66	62.5	60	56	51.5		65	40	180		
NKP-G 40-250/245/B/BAQE/18,5/2	1D2421BDV	5.344	3x400V ~	18.5	25	-	33		83			83	82.5	81.5	80	77	74	71.5	67.5	63.5	58.5	65	40	192		
NKP-G 40-250/260/B/BAQE/22/2	1D2421BEV	6.013	3x400V ~	22	30	-	38.1		96			95	94.5	93.5	92	90	87.5	84	81	76.5	71.5	65	40	223		

Price excludes counterflanges.

NKM-G, NKP-G

END SUCTION STANDARDISED CENTRIFUGAL ELECTRIC PUMPS



DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

NKP-G - END SUCTION STANDARDISED - 2-POLES

BRONZE IMPELLER
> 2900 1/min

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA																		DNA	DNM	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A	Q=m³/h Q=l/min	0	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150			
				kW	HP			0	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500			
NKP-G 50-125/115/B/ BAQE/3/2	1D3121BV	1.969	3x400 V~	3	4	5.6	H(m)	17	16.5	16	15.5	15	14.5	13.7	13	12	11	10	9						65	50	48
NKP-G 50-125/125/B/ BAQE/4/2	1D3121B8V	2.217	3x400 V~	4	5.5	8.2		20.5	20	19.5	19.1	18.5	18	17.5	16.5	15.8	14.8	14	12.5	11.5					65	50	42
NKP-G 50-125/135/B/ BAQE/5,5/2	1D3121B9V	2.416	3x400 V~	5.5	7.5	10.2		24	23.6	23.5	23.2	22.8	22.2	21.5	21	20	19.1	18.5	17.5	16.5	13.4				65	50	53
NKP-G 50-125/144/B/ BAQE/7,5/2	1D3121BAV	3.212	3x400 V~	7.5	10	14.4		28	27.8	27.5	27.3	27	26.5	25.8	25.3	24.5	23.5	23	21.5	20.5	18	15.5			65	50	87
NKP-G 50-160/153/B/ BAQE/7,5/2	1D3221BAV	3.358	3x400 V~	7.5	10	14.4		31.9	31.5	31.5	31.5	31.2	31	30.5	29.5	28.5	27.5	26	25	23.5					65	50	64
NKP-G 50-160/169/B/ BAQE/11/2	1D3221BBV	4.059	3x400 V~	11	15	19.7		39.6	39.5	39.3	39.1	39	38.5	38	37.2	36.5	35	34	32.5						65	50	96
NKP-G 50-200/200/B/ BAQE/15/2	1D3321BCV	4.808	3x400 V~	15	20	26.7		55.1	54.7	54.6	54	53.5	52	51	49	47.5	45.5	43	41						65	50	176
NKP-G 50-200/210/B/ BAQE/18,5/2	1D3321BDV	5.267	3x400 V~	18.5	25	33		61.7	61.7	61.6	61.5	60.5	59	58	56.5	55	53	51	48.5	43					65	50	187
NKP-G 50-200/219/B/ BAQE/22/2	1D3321BEV	5.931	3x400 V~	22	30	38.1		67.7	67.5	67.4	66.5	66	65.5	64	62.5	61	59.5	57	55	50					65	50	218
NKP-G 50-250/230/B/ BAQE/22/2	1D3421BEV	6.292	3x400 V~	22	30	38.1		73.6	73.2	73.1	72.8	72	71	68.5	67	65	62.5	60	57	49					65	50	223
NKP-G 50-250/257/B/ BAQE/30/2	1D3421BFV	7.617	3x400 V~	30	40	52.1		93	92.5	92.3	92	91.5	91	89	87.5	86	83	81	78	72					65	50	351
NKP-G 65-125/120-110/B/ BAQE/4/2	1D4121B8V	3.121	3x400 V~	4	5.5	8.2		16			15	14.6	14.2	13.7	13.3	12.8	12.3	12	11.4	10	8.5	8			80	65	40
NKP-G 65-125/127/B/ BAQE/5,5/2	1D4121B9V	3.609	3x400 V~	5.5	7.5	10.2		19.5			19	18.9	18.7	18.4	18.1	17.5	17.2	16.9	16.5	15.8	14.5	13	12		80	65	55
NKP-G 65-125/137/B/ BAQE/7,5/2	1D4121BAV	3.863	3x400 V~	7.5	10	14.4		23.5			23.1	23	22.8	22.6	22.5	22	21.6	21.1	20.7	20.2	19	17.5	14.8	12	80	65	94
NKP-G 65-160/157/B/ BAQE/11/2	1D4221BBV	4.834	3x400 V~	11	15	19.7		32.5				32.3	32	31.9	31.3	30.2	30	29.2	28.7	27	24.8	23.6			80	65	166
NKP-G 65-160/173/B/ BAQE/15/2	1D4221BCV	5.403	3x400 V~	15	20	26.7		40.1				39.7	39.6	39.5	39.5	39	38.5	38.2	37.5	36	34.5	33.5	26.9		80	65	172
NKP-G 65-200/190/B/ BAQE/18,5/2	1D4321BDV	6.227	3x400 V~	18.5	25	33		51.1				51	50.8	50.5	50	49	48.5	48	47.5	45	42.5	41			80	65	192
NKP-G 65-200/200/B/ BAQE/22/2	1D4321BEV	6.937	3x400 V~	22	30	38.1		56.4				56.1	56.1	56	55.8	55.5	55	54.8	54.5	53	51	49			80	65	223
NKP-G 65-200/219/B/ BAQE/30/2	1D4321BFV	8.237	3x400 V~	30	40	52.1		68.9				68.8	68.8	68.7	68.7	68.6	68.5	68.4	67.5	66	64	63.1	57		80	65	351

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA												DNA	DNM	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A	Q=m³/h	0	90	102	114	120	150	180	210	240					
				kW	HP		Q=l/min	0	1500	1700	1900	2000	2500	3000	3500	4000					
NKP-G 80-160/147-127/BAQE/11/2	1D5221BBV	5.162	3x400 V ~	11	15	19.7	H(m)	24	22	21.4	20.4	20	17.4	16.8	12		100	80	179		
NKP-G 80-160/153/B/BAQE/15/2	1D5221BCV	5.727	3x400 V ~	15	20	26.7		30.5	29	28.4	27.5	27	24.5	21.3	18.3		100	80	181		
NKP-G 80-160/163/B/BAQE/18,5/2	1D5221BDV	6.133	3x400 V ~	18.5	25	33		35.5	34.3	33.6	32.6	32.3	29.8	26.8	23.6	20	100	80	192		
NKP-G 80-160/169/B/BAQE/22/2	1D5221BEV	6.846	3x400 V ~	22	30	38.1		38.5	37.2	36.8	36	35.8	33.5	30.8	27.5	24	100	80	221		
NKP-G 80-200/190/B/BAQE/30/2	1D5321BFV	8.690	3x400 V ~	30	40	52.1		48.3	47.9	47.6	47.5	47.3	44.7	41	36	29	100	80	374		

Price excludes counterflanges.

NKM-G, NKP-G

END SUCTION STANDARDISED CENTRIFUGAL ELECTRIC PUMPS



SPECIAL VERSIONS

MODEL	PRICE * € BQQE seal (1)	PRICE * € BQQV seal (2)	PRICE * € BAQV seal (3)
NKM-G/NKP-G 32/125.1	71	71	36
NKM-G/NKP-G 32/160.1	71	71	36
NKM-G/NKP-G 32/200.1	71	71	36
NKM-G/NKP-G 32/125	71	71	36
NKM-G/NKP-G 32/160	71	71	36
NKM-G/NKP-G 32/200	71	71	36
NKM-G/NKP-G 40/125	71	71	36
NKM-G/NKP-G 40/160	71	71	36
NKM-G/NKP-G 40/200	71	71	36
NKM-G/NKP-G 40/250	71	71	36
NKM-G/NKP-G 50/125	71	71	36
NKM-G/NKP-G 50/160	71	71	36
NKM-G/NKP-G 50/200	71	71	36
NKM-G/NKP-G 50/250	71	71	36
NKM-G/NKP-G 65/125	71	71	36
NKM-G/NKP-G 65/160	71	71	36
NKM-G/NKP-G 65/200	71	71	36
NKM-G/NKP-G 65/250	78	78	38
NKM-G/NKP-G 65/315	78	78	38
NKM-G/NKP-G 80/160	71	71	36
NKM-G/NKP-G 80/200	78	78	38
NKM-G/NKP-G 80/250	78	78	38
NKM-G/NKP-G 80/315	78	78	38
NKM-G/NKP-G 100/200	78	78	38
NKM-G/NKP-G 100/250	78	78	38
NKM-G/NKP-G 100/315	78	78	38
NKM-G/NKP-G 125/250	78	78	38
NKM-G/NKP-G 150/200	78	78	38

* Price to be added to the list price for standard version electric pumps.

MODEL	PRICE * €
NKM-G / NKP-G 32/125.1	200
NKM-G / NKP-G 32/125	200
NKM-G / NKP-G 32/160.1	200
NKM-G / NKP-G 32/160	200
NKM-G / NKP-G 32/200.1	200
NKM-G / NKP-G 32/200	200
NKM-G / NKP-G 40/125	269
NKM-G / NKP-G 40/160	269
NKM-G / NKP-G 40/200	269
NKM-G / NKP-G 40/250	269
NKM-G / NKP-G 50/125	269
NKM-G / NKP-G 50/160	269
NKM-G / NKP-G 50/200	269
NKM-G / NKP-G 50/250	269
NKM-G / NKP-G 65/125	349
NKM-G / NKP-G 65/160	349
NKM-G / NKP-G 65/200	349
NKM-G / NKP-G 65/250	349
NKM-G / NKP-G 65/315	349
NKM-G / NKP-G 80/160	399
NKM-G / NKP-G 80/200	399
NKM-G / NKP-G 80/250	399
NKM-G / NKP-G 80/315	399
NKM-G / NKP-G 100/200	468
NKM-G / NKP-G 100/250	468
NKM-G / NKP-G 100/315	468
NKM-G / NKP-G 125/250	468
NKM-G / NKP-G 150/200	633

* Price to be added to the list price for standard version electric pumps with bronze impeller.

SPECIAL MECHANICAL SEALS

(1) Technical catalogue reference

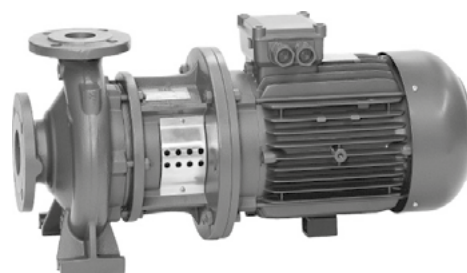
Seal "version BQQE" = seal with rubber bellow: Silicon carbide / Silicon carbide / EPDM

(2) Technical catalogue reference

Seal "Version BQQV" = with rubber bellow: Silicon carbide / Silicon carbide / Viton

(3) Technical catalogue reference

Seal "Version BAQV" = with rubber bellow: Carbon / Silicon carbide / Viton



CATAPHORESIS COATING FOR PARTS IN CONTACT WITH LIQUID

KDNE MCE-P

CENTRIFUGAL BASE-MOUNTED ELECTRIC PUMPS WITH MCE-P VARIABLE FREQUENCY DRIVE



Standardised base-mounted centrifugal electronic pumps with elastic coupling, designed for a wide range of applications, such as:

- Water systems in homes and apartment blocks;
- Water systems for campsites and farms;
- Water supply systems from pits;
- Irrigation systems for greenhouses, gardens, agriculture;
- Industrial systems;
- Rainwater reuse systems;

Particularly versatile thanks to the use of the DAB **MCE-P variable frequency drive**, it guarantees performance that can automatically adapt to different system requirements while maintaining constant pressure. Pressure sensor supplied as standard. Cast iron single-stage spiral body to DIN-EN 733 (formerly DIN 24255), cast iron seal cover and motor support, flanges to DIN 2533 (DIN 2532 for DN 200). Cast iron impeller, closed and dynamically balanced with axial thrust compensation via balancing holes, running (on request) on interchangeable wear rings. Stainless steel pump shaft supported by two amply sized ball bearings, greased for life and housed in a special chamber inside the support.

Standard sealing device: standardised mechanical seal as per DIN 24960 made of carbon/silicon carbide with EPDM O-rings.

Asynchronous 2 or 4 pole motor, enclosed and cooled by external ventilation. Rotor mounted on ball bearings amply sized to ensure low noise and durability. Electrical protection: according to standards implemented by ELECTROMAGNETIC COMPATIBILITY DIRECTIVE EEC 89/336 and subsequent amendments, LOW VOLTAGE DIRECTIVE EEC 73/23 and subsequent amendments and CEI 2-3 standards.

Mounting position B3.

Rotation speed 1450 - 2900 1/min.

Operating range

1 To 240 m³/h with head up to 70 metres.

Liquid temperature range

+10 °C to +140 °C

Pumped liquid

Clean, free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral close to the characteristics of water.

Maximum ambient temperature +40°C.

Maximum working pressure

16 bar - 1600 kPa (for DN 200 max 10 bar).

Protection degree IP55.

Insulation class F.

Flanging

PN 16 DIN 2533.

PN 10 DIN 2532 for DN 200.

Special designs on request

Pumps for liquids other than water.

Other voltages and/or frequencies.



MCE-P
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SELECTION
TABLE
PAGE 230

ACCESSORIES
PAGE 277

KDNE MCE-P - 4 POLES - FOR PRESSURIZATION SYSTEMS

MODEL	CODE	PRICE €	ELECTRICAL DATA				MODEL MCE	DNA	DNM	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A				
				kW	HP					
KDNE 40-250/240/A/BAQE/1/3/4 MCE30/P	60192083	8.636	3x400V	3	4	3	MCE30/P	65	40	158
KDNE 40-250/250/A/BAQE/1/4/4 MCE55/P	60192084	9.698	3x400V	4	5.5	4	MCE55/P	65	40	209
KDNE 50-250/263/A/BAQE/1/5,5/4 MCE55/P	60192085	10.188	3x400V	5.5	7.5	5.5	MCE55/P	65	50	182
KDNE 65-250/240/A/BAQE/1/5,5/4 MCE55/P	60192086	10.873	3x400V	5.5	7.5	5.5	MCE55/P	80	65	210
KDNE 65-250/263/A/BAQE/1/7,5/4 MCE110/P	60167407	12.836	3x400V	7.5	10	7.5	MCE110/P	80	65	270
KDNE 65-315/260/A/BAQE/1/7,5/4 MCE110/P	60167408	13.692	3x400V	7.5	10	7.5	MCE110/P	80	65	305
KDNE 65-315/290/A/BAQE/1/11/4 MCE110/P	60167409	16.079	3x400V	11	15	11	MCE110/P	80	65	310
KDNE 65-315/320/A/BAQE/1/15/4 MCE150/P	60167411	16.664	3x400V	15	20	15	MCE150/P	80	65	310
KDNE 80-250/230/A/BAQE/1/7,5/4 MCE110/P	60167412	13.306	3x400V	7.5	10	7.5	MCE110/P	100	80	232
KDNE 80-250/260/A/BAQE/1/11/4 MCE110/P	60167413	15.699	3x400V	11	15	11	MCE110/P	100	80	271
KDNE 80-250/270/A/BAQE/1/15/4 MCE150/P	60167414	16.297	3x400V	15	20	15	MCE150/P	100	80	290
KDNE 80-315/290/A/BAQE/1/15/4 MCE150/P	60167415	16.372	3x400V	15	20	15	MCE150/P	100	80	403
KDNE100-250/260/A/BAQE/1/15/4 MCE150/P	60167416	16.570	3x400V	15	20	15	MCE150/P	125	100	313
KDNE100-315/275/A/BAQE/1/15/4 MCE150/P	60167417	17.290	3x400V	15	20	15	MCE150/P	125	100	313

KDNE MCE-P

CENTRIFUGAL BASE-MOUNTED ELECTRIC PUMPS WITH MCE-P VARIABLE FREQUENCY DRIVE



KDNE MCE-P - 2 POLES - FOR PRESSURIZATION SYSTEMS

MODEL	CODE	PRICE €	ELECTRICAL DATA				MODEL MCE	DNA	DNM	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A				
				KW	HP					
KDNE 32-125.1/130/A/BAQE/1/2.2/2 MCE22/P	60192087	7.045	1x230V	2.2	3	2.2	MCE22/P	50	32	104
KDNE 32-125.1/140/A/BAQE/1/3/2 MCE30/P	60192088	7.886	3x400V	3	4	3	MCE30/P	50	32	111
KDNE 32-125/125/A/BAQE/1/2,2/2 MCE22/P	60192089	7.086	1x230V	2.2	3	2.2	MCE22/P	50	32	97
KDNE 32-125/130/A/BAQE/1/3/2 MCE30/P	60192090	7.927	3x400V	3	4	3	MCE30/P	50	32	105
KDNE 32-125/142/A/BAQE/1/4/2 MCE55/P	60192091	8.981	3x400V	4	5.5	4	MCE55/P	50	32	126
KDNE 32-160.1/137/A/BAQE/1/1,5/2 MCE15/P	60192092	6.821	1x230V	1.5	2	1.5	MCE15/P	50	32	98
KDNE 32-160.1/145/A/BAQE/1/2,2/2 MCE22/P	60192093	7.080	1x230V	2.2	3	2.2	MCE22/P	50	32	106
KDNE 32-160.1/153/A/BAQE/1/3/2 MCE30/P	60192094	7.927	3x400V	3	4	3	MCE30/P	50	32	111
KDNE 32-160.1/177/A/BAQE/1/5,5/2 MCE55/P	60192095	9.412	3x400V	5.5	7.5	5.5	MCE55/P	50	32	145
KDNE 32-160/145/A/BAQE/1/3/2 MCE30/P	60192096	7.961	3x400V	3	4	3	MCE30/P	50	32	111
KDNE 32-160/161/A/BAQE/1/5,5/2 MCE55/P	60192097	9.447	3x400V	5.5	7.5	5.5	MCE55/P	50	32	145
KDNE 32-160/177/A/BAQE/1/7,5/2 MCE110/P	60167423	11.390	3x400V	7.5	10	7.5	MCE110/P	50	32	152
KDNE 32-200.1/170/A/BAQE/1/3/2 MCE30/P	60192099	8.195	3x400V	3	4	3	MCE30/P	50	32	149
KDNE 32-200.1/190/A/BAQE/1/5,5/2 MCE55/P	60192098	9.616	3x400V	5.5	7.5	5.5	MCE55/P	50	32	152
KDNE 32-200.1/207/A/BAQE/1/7,5/2 MCE110/P	60167424	11.538	3x400V	7.5	10	7.5	MCE110/P	50	32	179
KDNE 32-200/180/A/BAQE/1/5,5/2 MCE55/P	60192100	9.668	3x400V	5.5	7.5	5.5	MCE55/P	50	32	152
KDNE 32-200/200/A/BAQE/1/7,5/2 MCE110/P	60167425	11.575	3x400V	7.5	10	7.5	MCE110/P	50	32	190
KDNE 32-200/210/A/BAQE/1/11/2 MCE110/P	60167426	14.051	3x400V	11	15	11	MCE110/P	50	32	250
KDNE 32-200/219/A/BAQE/1/15/2 MCE150/P	60167427	14.586	3x400V	15	20	15	MCE150/P	50	32	261
KDNE 40-125/142/A/BAQE/1/5,5/2 MCE55/P	60192101	9.470	3x400V	5.5	7.5	5.5	MCE55/P	65	40	143
KDNE 40-160/145/A/BAQE/1/5,5/2 MCE55/P	60192102	9.655	3x400V	5.5	7.5	5.5	MCE55/P	65	40	169
KDNE 40-160/161/A/BAQE/1/7,5/2 MCE110/P	60167439	11.615	3x400V	7.5	10	7.5	MCE110/P	65	40	178
KDNE 40-160/177/A/BAQE/1/11/2 MCE110/P	60167440	14.033	3x400V	11	15	11	MCE110/P	65	40	186
KDNE 40-200/180/A/BAQE/1/7,5/2 MCE110/P	60167441	11.779	3x400V	7.5	10	7.5	MCE110/P	65	40	160
KDNE 40-200/200/A/BAQE/1/11/2 MCE110/P	60167442	14.192	3x400V	11	15	11	MCE110/P	65	40	234
KDNE 40-200/219/A/BAQE/1/15/2 MCE150/P	60167443	14.730	3x400V	15	20	15	MCE150/P	65	40	244
KDNE 40-250/220/A/BAQE/1/15/2 MCE150/P	60167445	14.987	3x400V	15	20	15	MCE150/P	65	40	291

KDNE MCE-P

CENTRIFUGAL BASE-MOUNTED ELECTRIC PUMPS WITH MCE-P VARIABLE FREQUENCY DRIVE



MODEL	CODE	PRICE €	ELECTRICAL DATA				MODEL MCE	DNA	DNM	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A				
				KW	HP					
KDNE 50-125/139/A/BAQE/1/7,5/2 MCE110/P	60167446	11.538	3x400V	7.5	10	7.5	MCE110/P	65	50	156
KDNE 50-125/144/A/BAQE/1/11/2 MCE110/P	60167447	13.952	3x400V	11	15	11	MCE110/P	65	50	156
KDNE 50-160/145/A/BAQE/1/7,5/2 MCE110/P	60167448	11.728	3x400V	7.5	10	7.5	MCE110/P	65	50	190
KDNE 50-160/161/A/BAQE/1/11/2 MCE110/P	60167449	14.134	3x400V	11	15	11	MCE110/P	65	50	201
KDNE 50-160/177/A/BAQE/1/15/2 MCE150/P	60167450	14.676	3x400V	15	20	15	MCE150/P	65	50	213
KDNE 50-200/180/A/BAQE/1/11/2 MCE110/P	60167451	14.291	3x400V	11	15	11	MCE110/P	65	50	199
KDNE 50-200/190/A/BAQE/1/15/2 MCE150/P	60167452	14.832	3x400V	15	20	15	MCE150/P	65	50	293
KDNE 65-125/130/A/BAQE/1/7,5/2 MCE110/P	60167453	11.645	3x400V	7.5	10	7.5	MCE110/P	80	65	159
KDNE 65-125/144/A/BAQE/1/11/2 MCE110/P	60167454	14.052	3x400V	11	15	11	MCE110/P	80	65	188
KDNE 65-160/137/A/BAQE/1/7,5/2 MCE110/P	60167455	12.849	3x400V	7.5	10	7.5	MCE110/P	80	65	186
KDNE 65-160/153/A/BAQE/1/11/2 MCE110/P	60167456	14.239	3x400V	11	15	11	MCE110/P	80	65	196
KDNE 65-160/169/A/BAQE/1/15/2 MCE150/P	60167457	14.776	3x400V	15	20	15	MCE150/P	80	65	233
KDNE 65-200/170/A/BAQE/1/15/2 MCE150/P	60167458	14.972	3x400V	15	20	15	MCE150/P	80	65	292
KDNE 80-160/153-136/A/BAQE/1/15/2 MCE150/P	60167459	15.335	3x400V	15	20	15	MCE150/P	80	65	311

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

CENTRIFUGAL BASE-MOUNTED ELECTRIC PUMPS WITH MCE-P FOR PRESSURIZATION SYSTEMS

SELECTION TABLES

KDNE MCE-P - 4 POLES

> 1450 1/min

MODEL	Q (m³/h) (L/min)	0	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210
		0	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500
KDNE 40-250/240/A/BAQE/1/3/4 MCE30/P	H (m)	19.1	19	18.2	17	15.5																
KDNE 40-250/250/A/BAQE/1/4/4 MCE55/P		20.7	20.6	20	18.9	17.5																
KDNE 50-250/263/A/BAQE/1/5,5/4 MCE55/P		23	23	22.9	22.8	22.5	21.7	20.6	19.4	17.5												
KDNE 65-250/240/A/BAQE/1/5,5/4 MCE55/P		19			19	18.9	18.5	18.1	17.5	16.8	16	14.7	13.6									
KDNE 65-250/263/A/BAQE/1/7,5/4 MCE110/P		23.2			23	23	22.9	22.5	22.2	21.6	20.8	19.8	18.6	17.4	16							
KDNE 65-315/260/A/BAQE/1/7,5/4 MCE110/P		22.3			22.2	22.1	22	21.5	21	20.5	20	19.2	18.4	17	16	15						
KDNE 65-315/290/A/BAQE/1/11/4 MCE110/P		28.2			28.2	28.1	28	27.8	27.3	27	26.5	25.5	25	24	23.1	22	19.5					
KDNE 65-315/320/A/BAQE/1/15/4 MCE150/P		35.7			35.4	35.3	35.2	35.1	35	34.8	34.5	33.8	33.5	32.5	31.5	30.8	28	24.8				
KDNE 80-250/230/A/BAQE/1/7,5/4 MCE110/P		17.3						17.3	17.2	17.1	17	16.9	16.8	16.5	16	15.5	14.3	12.4				
KDNE 80-250/260/A/BAQE/1/11/4 MCE110/P		22.6						22.5	22.5	22.4	22.3	22.2	22.1	22	21.8	21.4	20.6	19.6	19	15.1		
KDNE 80-250/270/A/BAQE/1/15/4 MCE150/P		24.5						24.4	24.4	24.4	24.3	24.2	24.1	24	23.7	23.3	22.4	21.4	20.7	16.3		
KDNE 80-315/290/A/BAQE/1/15/4 MCE150/P		27.8							27.8	27.8	27.7	27.7	27.6	27.6	27.5	27.4	26.5	25	24.6	19.1		
KDNE100-250/260/A/BAQE/1/15/4 MCE150/P		22.3									22.1	22.1	22.1	22	21.9	21.8	21.7	21.5	21.4	19.8	17.7	15.1
KDNE100-315/275/A/BAQE/1/15/4 MCE150/P		25.1									25	25	25	24.9	24.8	24.7	24.6	24.4	24	22	19	

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

CENTRIFUGAL BASE-MOUNTED ELECTRIC PUMPS WITH MCE-P FOR PRESSURIZATION SYSTEMS

SELECTION TABLES

KDNE - MCE-P - 2 POLES

> 2900 1/min

MODEL	Q (m³/h) (L/min)	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210	240
		0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500	4000
KDNE 32-125.1/130/A/BAQE/1/2.2/2 MCE22/P	H(m)	22.3	22.2	21.3	19																			
KDNE 32-125.1/140/A/BAQE/1/3/2 MCE30/P		26.5	26.4	25.6	23.4	20.1																		
KDNE 32-125/125/A/BAQE/1/2.2/2 MCE22/P		20.9		20.1	18.9	16.9	13.5																	
KDNE 32-125/130/A/BAQE/1/3/2 MCE30/P		22.9		22	21	19.1	16.2																	
KDNE 32-125/142/A/BAQE/1/4/2 MCE55/P		27.8		27	26.1	24.5	21.7	18																
KDNE 32-160.1/137/A/BAQE/1/1.5/2 MCE15/P		21.5	21.2	19.3																				
KDNE 32-160.1/145/A/BAQE/1/2.2/2 MCE22/P		24.7	24.5	22.3	16.5																			
KDNE 32-160.1/153/A/BAQE/1/3/2 MCE30/P		28.3	28	26	20.5																			
KDNE 32-160.1/177/A/BAQE/1/5.5/2 MCE55/P		39.5	39.3	38.2	34.5	26																		
KDNE 32-160/145/A/BAQE/1/3/2 MCE30/P		27		25.8	23.9	21.2	16.9																	
KDNE 32-160/161/A/BAQE/1/5.5/2 MCE55/P		34		33	31.7	29.1	25.5																	
KDNE 32-160/177/A/BAQE/1/7.5/2 MCE110/P		41.8		41.5	40.5	38.4	35.3	31.4																
KDNE 32-200.1/170/A/BAQE/1/3/2 MCE30/P		34.3	34.2	31.9	23.5																			
KDNE 32-200.1/190/A/BAQE/1/5.5/2 MCE55/P		45.3	44.7	41.5	35.5																			
KDNE 32-200.1/207/A/BAQE/1/7.5/2 MCE110/P		55.3	55	51.8	46.4	37																		
KDNE 32-200/180/A/BAQE/1/5.5/2 MCE55/P		39		38.5	36.5	32.5	28																	
KDNE 32-200/200/A/BAQE/1/7.5/2 MCE110/P		51		49	48	45	40.5	35																
KDNE 32-200/210/A/BAQE/1/11/2 MCE110/P		57		56	55	52.5	48.5	43	36															
KDNE 32-200/219/A/BAQE/1/15/2 MCE150/P		63		62	61	59	56.5	52.5	46.5	39.5														
KDNE 40-125/142/A/BAQE/1/5.5/2 MCE55/P		26.8		26.6	26.4	26	25.3	24.4	23	21.4	19.4	17												
KDNE 40-160/145/A/BAQE/1/5.5/2 MCE55/P		27.5			27.4	27	25.7	24.2	22.1	19.5														
KDNE 40-160/161/A/BAQE/1/7.5/2 MCE110/P		34.5			34.5	34.4	33.7	32.3	30.5	28.5	25.8	22.5												
KDNE 40-160/177/A/BAQE/1/11/2 MCE110/P		42.6			42.5	42.4	42	41.5	40	38.5	35	33	30											
KDNE 40-200/180/A/BAQE/1/7.5/2 MCE110/P		38.8			38.5	38	37	35	32.5	29	25													
KDNE 40-200/200/A/BAQE/1/11/2 MCE110/P		48.7			48.4	48.2	47.5	46.5	44	41.5	38.5	34.5												
KDNE 40-200/219/A/BAQE/1/15/2 MCE150/P		60			59.8	59.7	59.4	59	57	55	52.5	49.5	46	40										
KDNE 40-250/220/A/BAQE/1/15/2 MCE150/P		63.1			62.8	62.5	61	59	57	55	52	48												
KDNE 50-125/139/A/BAQE/1/7.5/2 MCE110/P		24.7					24.5	24.3	24	23.5	23	22.4	21.6	20.8	20	19.2	18	15.5						
KDNE 50-125/144/A/BAQE/1/11/2 MCE110/P		25.9					26.5	26.4	26.1	25.6	25.1	24.5	24	23.2	22.3	21.5	20.5	17.8	15					
KDNE 50-160/145/A/BAQE/1/7.5/2 MCE110/P		27.2					27	26.9	26.6	26.4	25.5	25	23.8	23	21.5	20.5	19							
KDNE 50-160/161/A/BAQE/1/11/2 MCE110/P		33.8					33.7	33.7	33.6	33.6	33.3	32.5	31.8	31	29.8	28.5	27.5							
KDNE 50-160/177/A/BAQE/1/15/2 MCE150/P		41.6					41.5	41.5	41.3	41.2	41	40.6	40.5	39.5	38.8	38	36.7	33.5						
KDNE 50-200/180/A/BAQE/1/11/2 MCE110/P		42.5					42	41.7	41.4	40.5	39.5	38	36	34	32	29								
KDNE 50-200/190/A/BAQE/1/15/2 MCE150/P		47.2					46.8	46.6	46	45.7	44.5	43.5	42	40	38	35.5	33							
KDNE 65-125/130/A/BAQE/1/7.5/2 MCE110/P		21								19.6	19.5	19.1	18.9	18.5	18	17.5	17	15.7	14.2	13.2				
KDNE 65-125/144/A/BAQE/1/11/2 MCE110/P		25.6								25.5	25.4	25.2	25	24.6	24.3	24	23.4	22.5	21.1	20.2	16			
KDNE 65-160/137/A/BAQE/1/7.5/2 MCE110/P		23.1								22.4	22	21.7	21.3	20.5	19.7	19	18	16						
KDNE 65-160/153/A/BAQE/1/11/2 MCE110/P		29.1								28.8	28.5	28.6	28.5	28	27.5	26.6	26	24	22	21				
KDNE 65-160/169/A/BAQE/1/15/2 MCE150/P		36.4								36.3	36.2	36.1	36	35.7	35.3	34.7	34	32.7	31	30				
KDNE 65-200/170/A/BAQE/1/15/2 MCE150/P		37.2								36.8	36.7	36.6	36.5	36	35	34	32.5	30	27	25				
KDNE 80-160/153-136/A/BAQE/1/15/2 MCE150/P		25.6															24.5	23.8	23	22.5	20.2	17.5	15	11.8

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

KDNE MCE-C

CENTRIFUGAL BASE-MOUNTED ELECTRIC PUMPS WITH MCE-C



Standardised base-mounted centrifugal electronic pumps with elastic coupling, designed for a wide range of applications, such as:

- Hot water circulation for heating;
- Cold water circulation for air conditioning;
- Cold water circulation for refrigeration.

Particularly versatile thanks to the use of the DAB **MCE-C variable frequency drive**, it guarantees performance that can automatically adapt to different system requirements while maintaining constant differential pressures. Cast iron single-stage spiral body to DIN-EN 733 (formerly DIN 24255), cast iron seal cover and motor support, flanges to DIN 2533 (DIN 2532 for DN 200). Cast iron impeller, closed and dynamically balanced with axial thrust compensation via balancing holes, running (on request) on interchangeable wear rings. Stainless steel pump shaft supported by two amply sized ball bearings, greased for life and housed in a special chamber inside the support.

Standard sealing device: standardised mechanical seal as per DIN 24960 made of carbon/silicon carbide with EPDM O-rings. Asynchronous 2 or 4 pole motor, enclosed and cooled by external ventilation. Rotor mounted on ball bearings amply sized to ensure low noise and durability. Electrical protection: according to standards implemented by ELECTROMAGNETIC COMPATIBILITY DIRECTIVE EEC 89/336 and subsequent amendments, LOW VOLTAGE DIRECTIVE EEC 73/23 and subsequent amendments and CEI 2-3 standards.

Mounting position B3.

Rotation speed 1450 - 2900 1/min.

Operating range

1 to 420 m³/h with head up to 70 metres.

Liquid temperature range

-10 °C to +140 °C.

Pumped liquid Clean, free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral close to the characteristics of water.

Maximum ambient temperature +40°C.

Maximum working pressure

16 bar - 1600 kPa (for DN 200 max 10 bar).

Protection degree IP55.

Insulation class F.

Flanging

PN 16 DIN 2533.

PN 10 DIN 2532 for DN 200.

Special designs on request

Pumps for liquids other than water. Other voltages and/or frequencies.



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KDNE MCE-C - 4 POLES - FOR CIRCULATING SYSTEMS

CAST IRON IMPELLER

MODEL	FLANGE DIMENSIONS (mm)		POWER SUPPLY 50/60 Hz - 1x230 ~ V						POWER SUPPLY 50 Hz - 3x400 ~ V					
			CODE	PRICE €	MODEL MCE	P2 NOMINAL		WEIGHT (kg)	CODE	PRICE €	MODEL MCE	P2 NOMINAL		WEIGHT (kg)
	DNA	DNM				kW	HP					kW	HP	
KDNE 32-125.1/140	50	32	60207043	6.087	MCE11/C	0.55	0.75	87	-	-	-	-	-	-
KDNE 32-125/142	50	32	60192194	6.155	MCE11/C	0.75	1	88	60192167	7.597	MCE30/C	0.75	1	90.6
KDNE 32-160.1/177	50	32	60192195	6.251	MCE11/C	0.75	1	95	60192168	7.692	MCE30/C	0.75	1	97.6
KDNE 32-160/177	50	32	60192196	6.343	MCE11/C	1.1	1.5	97	60192169	7.784	MCE30/C	1.1	1.5	99.6
KDNE 32-200.1/207	50	32	60192197	6.467	MCE11/C	1.1	1.5	110	60192170	7.905	MCE30/C	1.1	1.5	112.6
KDNE 32-200/200	50	32	60192198	6.478	MCE11/C	1.1	1.5	105	60192171	7.921	MCE30/C	1.1	1.5	107.6
KDNE 32-200/219	50	32	60192199	7.837	MCE22/C	2.2	3	106	60192172	8.390	MCE30/C	2.2	3	108.6
KDNE 40-125/142	65	40	60192200	6.332	MCE11/C	1.1	1.5	90	60192173	7.774	MCE30/C	1.1	1.5	92.6
KDNE 40-160/161	65	40	60192201	6.539	MCE11/C	1.1	1.5	95	60192174	7.978	MCE30/C	1.1	1.5	97.6
KDNE 40-160/177	65	40	60192202	7.273	MCE15/C	1.5	2	105	60192175	8.192	MCE30/C	1.5	2	107.6
KDNE 40-200/180	65	40	60192203	6.627	MCE11/C	1.1	1.5	105	60192176	8.067	MCE30/C	1.1	1.5	107.6
KDNE 40-200/200	65	40	60192204	7.359	MCE15/C	1.5	2	109	60192177	8.278	MCE30/C	1.5	2	111.6
KDNE 40-200/219	65	40	60192205	7.975	MCE22/C	2.2	3	115	60192178	8.533	MCE30/C	2.2	3	117.6
KDNE 40-250/230	65	40	60192206	8.232	MCE22/C	2.2	3	133	60192181	8.787	MCE30/C	2.2	3	135.6
KDNE 40-250/240	65	40	-	-	-	-	-	-	60192207	9.050	MCE30/C	3	4	158
KDNE 40-250/260	65	40	-	-	-	-	-	-	60192208	10.099	MCE55/C	4	5.5	209

KDNE MCE-C

CENTRIFUGAL BASE-MOUNTED ELECTRIC PUMPS WITH MCE-C



KDNE MCE-C - 4 POLES - FOR CIRCULATING SYSTEMS

CAST IRON IMPELLER

MODEL	FLANGE DIMENSIONS (mm)		POWER SUPPLY 50/60 Hz - 1x230 ~ V						POWER SUPPLY 50 Hz - 3x400 ~ V					
			CODE	PRICE €	MODEL MCE	P2 NOMINAL		WEIGHT (kg)	CODE	PRICE €	MODEL MCE	P2 NOMINAL		WEIGHT (kg)
	DNA	DNM				KW	HP					KW	HP	
KDNE 50-125/139	65	50	60192209	6.435	MCE11/C	1.1	1.5	97	60192182	7.875	MCE30/C	1.1	1.5	99.6
KDNE 50-125/144	65	50	60192210	7.175	MCE15/C	1.5	2	105	60192179	8.089	MCE30/C	1.5	2	107.6
KDNE 50-160/137	65	50	60192211	6.649	MCE11/C	1.1	1.5	104	60192180	8.091	MCE30/C	1.1	1.5	106.6
KDNE 50-160/153	65	50	60192212	7.375	MCE15/C	1.5	2	107	60192183	8.295	MCE30/C	1.5	2	109.6
KDNE 50-160/169	65	50	60192213	7.993	MCE22/C	2.2	3	111	60192184	8.547	MCE30/C	2.2	3	113.6
KDNE 50-160/177	65	50	-	-	-	-	-	-	60192214	8.810	MCE30/C	3	4	119
KDNE 50-200/170	65	50	60192215	7.495	MCE15/C	1.5	2	118	60192185	8.411	MCE30/C	1.5	2	120.6
KDNE 50-200/190	65	50	60192216	8.108	MCE22/C	2.2	3	127	60192186	8.665	MCE30/C	2.2	3	129.6
KDNE 50-200/210	65	50	-	-	-	-	-	-	60192217	8.935	MCE30/C	3	4	131
KDNE 50-200/219	65	50	-	-	-	-	-	-	60192218	9.980	MCE55/C	4	5.5	131
KDNE 50-250/220	65	50	-	-	-	-	-	-	60192219	9.174	MCE30/C	3	4	147
KDNE 50-250/263	65	50	-	-	-	-	-	-	60192220	10.572	MCE55/C	5.5	7.5	182
KDNE 65-125/130	80	65	60192221	6.557	MCE11/C	1.1	1.5	104	60192187	7.998	MCE30/C	1.1	1.5	106.6
KDNE 65-125/144	80	65	60192222	7.287	MCE15/C	1.5	2	107	60192188	8.205	MCE30/C	1.5	2	109.6
KDNE 65-160/137	80	65	60192223	6.750	MCE11/C	1.1	1.5	107	60192189	8.192	MCE30/C	1.1	1.5	109.6
KDNE 65-160/153	80	65	60192224	7.482	MCE15/C	1.5	2	118	60192190	8.393	MCE30/C	1.5	2	120.6
KDNE 65-160/169	80	65	60192225	8.091	MCE22/C	2.2	3	118	60192191	8.647	MCE30/C	2.2	3	120.6
KDNE 65-160/177	80	65	-	-	-	-	-	-	60192226	8.915	MCE30/C	3	4	157
KDNE 65-200/180	80	65	60192227	8.259	MCE22/C	2.2	3	151	60192192	8.818	MCE30/C	2.2	3	153.6
KDNE 65-200/190	80	65	-	-	-	-	-	-	60192228	9.086	MCE30/C	3	4	159
KDNE 65-200/219	80	65	-	-	-	-	-	-	60192229	10.484	MCE55/C	5.5	7.5	209
KDNE 65-250/240	80	65	-	-	-	-	-	-	60192230	11.230	MCE55/C	5.5	7.5	210
KDNE 65-250/263	80	65	-	-	-	-	-	-	60167580	13.172	MCE110/C	7.5	10	270
KDNE 65-315/260	80	65	-	-	-	-	-	-	60167581	13.993	MCE110/C	7.5	10	305
KDNE 65-315/290	80	65	-	-	-	-	-	-	60167582	14.614	MCE110/C	11	15	310
KDNE 65-315/320	80	65	-	-	-	-	-	-	60167583	16.919	MCE150/C	15	20	310
KDNE 80-160/153	100	80	60192231	8.656	MCE22/C	2.2	3	143	60192193	9.210	MCE30/C	2.2	3	145.6
KDNE 80-160/161	100	80	-	-	-	-	-	-	60192232	9.473	MCE30/C	3	4	147
KDNE 80-160/177	100	80	-	-	-	-	-	-	60192233	10.524	MCE55/C	4	5.5	147
KDNE 80-200/170	100	80	-	-	-	-	-	-	60192234	9.757	MCE30/C	3	4	177
KDNE 80-200/200	100	80	-	-	-	-	-	-	60192235	11.153	MCE55/C	5.5	7.5	197
KDNE 80-200/222	100	80	-	-	-	-	-	-	60167584	13.101	MCE110/C	7.5	10	201
KDNE 80-250/230	100	80	-	-	-	-	-	-	60167585	13.623	MCE110/C	7.5	10	232
KDNE 80-250/260	100	80	-	-	-	-	-	-	60167586	14.246	MCE110/C	11	15	271
KDNE 80-250/270	100	80	-	-	-	-	-	-	60167587	16.570	MCE150/C	15	20	290
KDNE 80-315/290	100	80	-	-	-	-	-	-	60167588	17.191	MCE150/C	15	20	403
KDNE 100-200/180	125	100	-	-	-	-	-	-	60192236	11.444	MCE55/C	5.5	7.5	223
KDNE 100-200/200	125	100	-	-	-	-	-	-	60167589	13.382	MCE110/C	7.5	10	222
KDNE 100-200/219	125	100	-	-	-	-	-	-	60167590	14.039	MCE110/C	11	15	320
KDNE 100-250/240	125	100	-	-	-	-	-	-	60167591	14.526	MCE110/C	11	15	305
KDNE 100-250/260	125	100	-	-	-	-	-	-	60167592	16.830	MCE150/C	15	20	313
KDNE 100-315/275	125	100	-	-	-	-	-	-	60167593	17.520	MCE150/C	15	20	313
KDNE 125-250/230	150	125	-	-	-	-	-	-	60167594	17.674	MCE150/C	15	20	429
KDNE 150-200/218-182	200	150	-	-	-	-	-	-	60167595	16.896	MCE110/C	11	15	467
KDNE 150-200/224	200	150	-	-	-	-	-	-	60167596	19.179	MCE150/C	15	20	467

KDNE MCE-C

CENTRIFUGAL BASE-MOUNTED ELECTRIC PUMPS WITH MCE-C



KDNE MCE-C - 2 POLES - FOR CIRCULATING SYSTEMS

CAST IRON IMPELLER

MODEL	FLANGE DIMENSIONS (mm)		POWER SUPPLY 50/60 Hz - 1x230 ~ V						POWER SUPPLY 50 Hz - 3x400 ~ V					
			CODE	PRICE €	MODEL MCE	P2 NOMINAL		WEIGHT (kg)	CODE	PRICE €	MODEL MCE	P2 NOMINAL		WEIGHT (kg)
	DNA	DNM				KW	HP					KW	HP	
KDNE 32-125.1/110	50	32	60192147	6.877	MCE15/C	1.5	2	97	60192142	7.794	MCE30/C	1.5	2	99.6
KDNE 32-125.1/130	50	32	60192148	7.497	MCE22/C	2.2	3	104	60192143	8.058	MCE30/C	2.2	3	106.6
KDNE 32-125.1/140	50	32	-	-	-	-	-	-	60192149	8.331	MCE30/C	3	4	111
KDNE 32-125/125	50	32	60192150	7.534	MCE15/C	2.2	3	97	60192144	8.093	MCE30/C	2.2	3	99.6
KDNE 32-125/130	50	32	-	-	-	-	-	-	60192151	8.370	MCE30/C	3	4	105
KDNE 32-125/142	50	32	-	-	-	-	-	-	60192152	9.408	MCE55/C	4	5.5	126
KDNE 32-160.1/137	50	32	60192153	6.921	MCE15/C	1.5	2	98	60192145	7.839	MCE30/C	1.5	2	100.6
KDNE 32-160.1/145	50	32	60192154	7.531	MCE22/C	2.2	3	106	60192146	8.091	MCE30/C	2.2	3	108.6
KDNE 32-160.1/153	50	32	-	-	-	-	-	-	60192155	8.370	MCE30/C	3	4	111
KDNE 32-160.1/177	50	32	-	-	-	-	-	-	60192156	9.823	MCE55/C	5.5	7.5	145
KDNE 32-160/145	50	32	-	-	-	-	-	-	60192157	8.402	MCE30/C	3	4	111
KDNE 32-160/161	50	32	-	-	-	-	-	-	60192158	9.858	MCE55/C	5.5	7.5	145
KDNE 32-160/177	50	32	-	-	-	-	-	-	60167597	11.780	MCE110/C	7.5	10	152
KDNE 32-200.1/170	50	32	-	-	-	-	-	-	60192160	8.624	MCE30/C	3	4	149
KDNE 32-200.1/190	50	32	-	-	-	-	-	-	60192159	10.017	MCE55/C	5.5	7.5	152
KDNE 32-200.1/207	50	32	-	-	-	-	-	-	60167598	11.923	MCE110/C	7.5	10	179
KDNE 32-200/180	50	32	-	-	-	-	-	-	60192161	10.071	MCE55/C	5.5	7.5	152
KDNE 32-200/200	50	32	-	-	-	-	-	-	60167599	11.960	MCE110/C	7.5	10	190
KDNE 32-200/210	50	32	-	-	-	-	-	-	60167600	12.660	MCE110/C	11	15	250
KDNE 32-200/219	50	32	-	-	-	-	-	-	60167601	14.922	MCE150/C	15	20	261
KDNE 40-125/120	65	40	-	-	-	-	-	-	60192162	8.464	MCE30/C	3	4	100
KDNE 40-125/142	65	40	-	-	-	-	-	-	60192163	9.883	MCE55/C	5.5	7.5	143
KDNE 40-160/145	65	40	-	-	-	-	-	-	60192164	10.059	MCE55/C	5.5	7.5	169
KDNE 40-160/161	65	40	-	-	-	-	-	-	60167602	12.001	MCE110/C	7.5	10	178
KDNE 40-160/177	65	40	-	-	-	-	-	-	60167603	12.644	MCE110/C	11	15	186
KDNE 40-200/180	65	40	-	-	-	-	-	-	60167604	12.156	MCE110/C	7.5	10	160
KDNE 40-200/200	65	40	-	-	-	-	-	-	60167605	12.798	MCE110/C	11	15	234
KDNE 40-200/219	65	40	-	-	-	-	-	-	60167606	15.059	MCE150/C	15	20	244
KDNE 40-250/220	65	40	-	-	-	-	-	-	60167607	15.309	MCE150/C	15	20	291
KDNE 50-125/125	65	50	-	-	-	-	-	-	60192165	9.979	MCE55/C	5.5	7.5	152
KDNE 50-125/139	65	50	-	-	-	-	-	-	60167608	11.923	MCE110/C	7.5	10	156
KDNE 50-125/144	65	50	-	-	-	-	-	-	60167609	12.568	MCE110/C	11	15	156
KDNE 50-160/145	65	50	-	-	-	-	-	-	60167610	12.107	MCE110/C	7.5	10	190
KDNE 50-160/161	65	50	-	-	-	-	-	-	60167611	12.742	MCE110/C	11	15	201
KDNE 50-160/177	65	50	-	-	-	-	-	-	60167612	15.014	MCE150/C	15	20	213
KDNE 50-200/180	65	50	-	-	-	-	-	-	60167613	12.896	MCE110/C	11	15	199
KDNE 50-200/190	65	50	-	-	-	-	-	-	60167614	15.159	MCE150/C	15	20	293
KDNE 65-125/120-110	80	65	-	-	-	-	-	-	60192166	10.073	MCE55/C	5.5	7.5	152
KDNE 65-125/130	80	65	-	-	-	-	-	-	60167615	12.024	MCE110/C	7.5	10	159
KDNE 65-125/144	80	65	-	-	-	-	-	-	60167616	12.664	MCE110/C	11	15	188
KDNE 65-160/137	80	65	-	-	-	-	-	-	60167617	12.204	MCE110/C	7.5	10	186
KDNE 65-160/153	80	65	-	-	-	-	-	-	60167618	12.846	MCE110/C	11	15	196
KDNE 65-160/169	80	65	-	-	-	-	-	-	60167619	15.104	MCE150/C	15	20	233
KDNE 65-200/170	80	65	-	-	-	-	-	-	60167620	15.292	MCE150/C	15	20	292
KDNE 80-160/153-136	80	65	-	-	-	-	-	-	60167621	15.640	MCE150/C	15	20	311

CENTRIFUGAL BASE-MOUNTED ELECTRIC PUMPS WITH MCE-C VARIABLE FREQUENCY DRIVE - FOR CIRCULATING SYSTEMS

SELECTION TABLES

KDNE MCE-C - 4 POLES

> 1450 1/min

MODEL	Q (m³/h) (L/min)	0	3	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114
		0	50	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900
KDNE 32-125.1/140	H (m)	6.6	6.6	6.4	5.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 32-125/142		6.9	-	6.75	6.15	4.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 32-160.1/177		9	9.8	9.5	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 32-160/177		10.5	-	10.4	9.6	7.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 32-200.1/207		13.8	13.8	13	8.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 32-200/200		12.6	-	12.3	11.1	8.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 32-200/219		15.7	-	15.4	14.8	13	9.8	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 40-125/142		6.7	-	6.6	6.5	6	5.3	4.1	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 40-160/161		8.6	-	8.5	8.4	8	7.1	5.6	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 40-160/177		10.7	-	10.7	10.6	10.2	9.5	8.3	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 40-200/180		9.7	-	9.7	9.4	8.8	7.2	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 40-200/200		12.2	-	12.1	12	11.7	10.4	8.6	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 40-200/219		15	-	15	15	14.7	13.8	12.4	10.4	-	-	-	-	-	-	-	-	-	-	-
KDNE 40-250/230		17.4	-	-	17.2	16.5	15.3	13.7	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 40-250/240		19.1	-	-	19	18.2	17	15.5	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 40-250/260		22.7	-	-	22.6	22.1	21	19.5	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 50-125/139		6.3	-	-	6.2	6.1	5.9	5.6	5.2	4.8	4.2	-	-	-	-	-	-	-	-	-
KDNE 50-125/144		6.7	-	-	6.7	6.6	6.4	6.2	5.8	5.3	4.8	4.1	-	-	-	-	-	-	-	-
KDNE 50-160/137		6	-	-	6	5.9	5.6	5.2	4.8	-	-	-	-	-	-	-	-	-	-	-
KDNE 50-160/153		7.6	-	-	7.6	7.5	7.4	7.2	6.7	-	-	-	-	-	-	-	-	-	-	-
KDNE 50-160/169		9.4	-	-	9.3	9.2	9.2	9.1	8.8	-	-	-	-	-	-	-	-	-	-	-
KDNE 50-160/177		10.4	-	-	10.3	10.3	10.2	10.1	9.95	-	-	-	-	-	-	-	-	-	-	-
KDNE 50-200/170		9.5	-	-	9.3	9.2	8.8	8	6.85	-	-	-	-	-	-	-	-	-	-	-
KDNE 50-200/190		11.8	-	-	11.7	11.6	11.4	10.8	10.1	8.9	-	-	-	-	-	-	-	-	-	-
KDNE 50-200/210		14.6	-	-	14.6	14.5	14.4	13.9	13.2	12.2	11	-	-	-	-	-	-	-	-	-
KDNE 50-200/219		16	-	-	16	16	15.9	15.4	14.2	13.8	12.7	11.4	-	-	-	-	-	-	-	-
KDNE 50-250/220		15.9	-	-	15.7	15.6	15.4	14.9	13.8	12.4	10.5	-	-	-	-	-	-	-	-	-
KDNE 50-250/263		23	-	-	23	22.9	22.8	22.5	21.7	20.6	19.4	17.5	-	-	-	-	-	-	-	-
KDNE 65-125/130		5.1	-	-	-	-	4.9	4.75	4.6	4.3	4.1	3.8	3.3	2.8	-	-	-	-	-	-
KDNE 65-125/144		6.4	-	-	-	-	6.35	6.25	6.2	5.9	5.7	5.4	5	4.65	4.2	3.7	-	-	-	-
KDNE 65-160/137		5.8	-	-	-	-	5.7	5.4	5.2	4.75	4.3	3.7	-	-	-	-	-	-	-	-
KDNE 65-160/153		7.3	-	-	-	-	7.2	7.2	6.9	6.7	6.3	5.8	5.25	-	-	-	-	-	-	-
KDNE 65-160/169		9.1	-	-	-	-	9.1	9	8.9	8.7	8.4	8	7.6	7.1	6.4	-	-	-	-	-
KDNE 65-160/177		10	-	-	-	-	10	9.9	9.8	9.7	9.45	9.1	8.7	8.2	7.5	-	-	-	-	-
KDNE 65-200/180		10.4	-	-	-	10.4	10.4	10.3	10.2	10	9.5	8.8	8.1	-	-	-	-	-	-	-
KDNE 65-200/190		12.1	-	-	-	12	12	12	11.9	11.5	11.1	10.5	9.8	8.8	-	-	-	-	-	-
KDNE 65-200/219		16.2	-	-	-	16.2	16.2	16.1	16	15.9	15.8	15.4	15	14.4	13.5	12.7	-	-	-	-
KDNE 65-250/240		19	-	-	-	-	19	18.9	18.5	18.1	17.5	16.8	16	14.7	13.6	-	-	-	-	-
KDNE 65-250/263		23.2	-	-	-	-	23	23	22.9	22.5	22.2	21.6	20.8	19.8	18.6	17.4	16	-	-	-
KDNE 65-315/260		22.3	-	-	-	-	22.2	22.1	22	21.5	21	20.5	20	19.2	18.4	17	16	15	-	-
KDNE 65-315/290		28.2	-	-	-	-	28.2	28.1	28	27.8	27.3	27	26.5	25.5	25	24	23.1	22	19.5	-
KDNE 65-315/320		35.7	-	-	-	-	35.4	35.3	35.2	35.1	35	34.8	34.5	33.8	33.5	32.5	31.5	30.8	28	24.8

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

CENTRIFUGAL BASE-MOUNTED ELECTRIC PUMPS WITH MCE-C VARIABLE FREQUENCY DRIVE - FOR CIRCULATING SYSTEMS

SELECTION TABLES

KDNE MCE-C - 4 POLES

> 1450 1/min

MODEL	Q (m³/h) (L/min)	0	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210	240	270	300	330	360	390	420
		0	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000
KDNE 80-160/153	H (m)	7.3	7.1	6.9	6.7	6.5	6.3	6	5.75	5.4	5.2	4.55	3.9	3.6	-	-	-	-	-	-	-	-	-	-
KDNE 80-160/161		8.2	8	7.9	7.75	7.5	7.3	7.05	6.8	6.5	6.25	5.6	4.9	4.6	-	-	-	-	-	-	-	-	-	-
KDNE 80-160/177		10	9.9	9.85	9.8	9.7	9.5	9.3	9.1	8.85	8.7	8.1	7.25	6.9	-	-	-	-	-	-	-	-	-	-
KDNE 80-200/170		9.2	9.1	9	8.7	8.5	8.2	7.8	7.5	7.1	6.7	5.6	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 80-200/200		12.7	12.6	12.6	12.6	12.5	12.4	12.3	12	11.6	11.4	10.5	9.4	8.8	-	-	-	-	-	-	-	-	-	-
KDNE 80-200/222		15.9	15.9	15.8	15.7	15.6	15.6	15.5	15.4	15.3	15	14.3	13.4	12.8	-	-	-	-	-	-	-	-	-	-
KDNE 80-250/230		17.3	17.3	17.2	17.1	17	16.9	16.8	16.5	16	15.5	14.3	12.4	-	-	-	-	-	-	-	-	-	-	-
KDNE 80-250/260		22.6	22.5	22.5	22.4	22.3	22.2	22.1	22	21.8	21.4	20.6	19.6	19	15.1	-	-	-	-	-	-	-	-	-
KDNE 80-250/270		24.5	24.4	24.4	24.4	24.3	24.2	24.1	24	23.7	23.3	22.4	21.4	20.7	16.3	-	-	-	-	-	-	-	-	-
KDNE 80-315/290		27.8	-	27.8	27.8	27.7	27.7	27.6	27.6	27.5	27.4	26.5	25	24.6	19.1	-	-	-	-	-	-	-	-	-
KDNE 100-200/180		10.1	-	-	-	10.1	10.1	10	9.9	9.7	9.5	9.1	8.5	8.3	7	5.4	-	-	-	-	-	-	-	-
KDNE 100-200/200		12.9	-	-	-	12.8	12.8	12.8	12.7	12.6	12.5	12.2	11.8	11.6	10.4	8.8	-	-	-	-	-	-	-	-
KDNE 100-200/219		16	-	-	-	15.7	15.7	15.6	15.6	15.5	15.3	15.1	15	14	12.5	10.8	-	-	-	-	-	-	-	-
KDNE 100-250/240		18.5	-	-	-	18.3	18.3	18.3	18.2	18.1	18	17.9	17.6	17.4	15.7	13.3	-	-	-	-	-	-	-	-
KDNE 100-250/260		22.3	-	-	-	22.1	22.1	22.1	22	21.9	21.8	21.7	21.5	21.4	19.8	17.7	15.1	-	-	-	-	-	-	-
KDNE 100-315/275		25.1	-	-	-	25	25	25	24.9	24.8	24.7	24.6	24.4	24	22	19	-	-	-	-	-	-	-	-
KDNE 125-250/230		16.6	-	-	-	-	-	-	-	-	-	16.6	16.6	16.5	16.3	15.6	14.8	13.8	12.5	12.3	9.5	-	-	-
KDNE 150-200/218-182		10.4	-	-	-	-	-	-	-	-	-	10.4	10.4	10.3	10.2	9.9	9.5	9.1	8.6	8.1	7.4	6.6	5.8	-
KDNE 150-200/224		13.8	-	-	-	-	-	-	-	-	-	13.6	13.6	13.5	13.3	13	12.6	12.2	11.7	11.2	10.6	9.9	9.2	8.2

DAB SERVICES

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CENTRIFUGAL BASE-MOUNTED ELECTRIC PUMPS WITH MCE-C VARIABLE FREQUENCY DRIVE - FOR CIRCULATING SYSTEMS

SELECTION TABLES

KDNE MCE-C - 2 POLES

> 2900 1/min

MODEL	Q (m³/h) (L/min)	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210	240
		0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500	4000
KDNE 32-125.1/110	H (m)	15.5	15.2	13.9	11.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 32-125.1/130		22.3	22.2	21.3	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 32-125.1/140		26.5	26.4	25.6	23.4	20.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 32-125/125		20.9	-	20.1	18.9	16.9	13.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 32-125/130		22.9	-	22	21	19.1	16.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 32-125/142		27.8	-	27	26.1	24.5	21.7	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 32-160.1/137		21.5	21.2	19.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 32-160.1/145		24.7	24.5	22.3	16.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 32-160.1/153		28.3	28	26	20.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 32-160.1/177		39.5	39.3	38.2	34.5	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 32-160/145		27	-	25.8	23.9	21.2	16.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 32-160/161		34	-	33	31.7	29.1	25.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 32-160/177		41.8	-	41.5	40.5	38.4	35.3	31.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 32-200.1/170		34.3	34.2	31.9	23.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 32-200.1/190		45.3	44.7	41.5	35.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 32-200.1/207		55.3	55	51.8	46.4	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 32-200/180		39	-	38.5	36.5	32.5	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 32-200/200		51	-	49	48	45	40.5	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 32-200/210		57	-	56	55	52.5	48.5	43	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 32-200/219		63	-	62	61	59	56.5	52.5	46.5	39.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 40-125/120		18.5	-	18	17.5	17	16	15	13.5	11.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 40-125/142		26.8	-	26.6	26.4	26	25.3	24.4	23	21.4	19.4	17	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 40-160/145		27.5	-	-	27.4	27	25.7	24.2	22.1	19.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 40-160/161		34.5	-	-	34.5	34.4	33.7	32.3	30.5	28.5	25.8	22.5	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 40-160/177		42.6	-	-	42.5	42.4	42	41.5	40	38.5	35	33	30	-	-	-	-	-	-	-	-	-	-	-
KDNE 40-200/180		38.8	-	-	38.5	38	37	35	32.5	29	25	-	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 40-200/200		48.7	-	-	48.4	48.2	47.5	46.5	44	41.5	38.5	34.5	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 40-200/219		60	-	-	59.8	59.7	59.4	59	57	55	52.5	49.5	46	40	-	-	-	-	-	-	-	-	-	-
KDNE 40-250/220		63.1	-	-	62.8	62.5	61	59	57	55	52	48	-	-	-	-	-	-	-	-	-	-	-	-
KDNE 50-125/125		19.8	-	-	-	-	19.4	19	18.5	17.9	17.4	16.6	16	15.1	14	13	11.8	-	-	-	-	-	-	-
KDNE 50-125/139		24.7	-	-	-	-	24.5	24.3	24	23.5	23	22.4	21.6	20.8	20	19.2	18	15.5	-	-	-	-	-	-
KDNE 50-125/144		25.9	-	-	-	-	26.5	26.4	26.1	25.6	25.1	24.5	24	23.2	22.3	21.5	20.5	17.8	15	-	-	-	-	-
KDNE 50-160/145		27.2	-	-	-	-	27	26.9	26.6	26.4	25.5	25	23.8	23	21.5	20.5	19	-	-	-	-	-	-	-
KDNE 50-160/161		33.8	-	-	-	-	33.7	33.7	33.6	33.6	33.3	32.5	31.8	31	29.8	28.5	27.5	-	-	-	-	-	-	-
KDNE 50-160/177		41.6	-	-	-	-	41.5	41.5	41.3	41.2	41	40.6	40.5	39.5	38.8	38	36.7	33.5	-	-	-	-	-	-
KDNE 50-200/180		42.5	-	-	-	-	42	41.7	41.4	40.5	39.5	38	36	34	32	29	-	-	-	-	-	-	-	-
KDNE 50-200/190		47.2	-	-	-	-	46.8	46.6	46	45.7	44.5	43.5	42	40	38	35.5	33	-	-	-	-	-	-	-
KDNE 65-125/120-110		16	-	-	-	-	-	-	-	14.4	14	13.6	13.1	12.8	12.2	11.9	11.4	10.2	8.7	8	-	-	-	-
KDNE 65-125/130		21	-	-	-	-	-	-	-	19.6	19.5	19.1	18.9	18.5	18	17.5	17	15.7	14.2	13.2	-	-	-	-
KDNE 65-125/144		25.6	-	-	-	-	-	-	-	25.5	25.4	25.2	25	24.6	24.3	24	23.4	22.5	21.1	20.2	16	-	-	-
KDNE 65-160/137		23.1	-	-	-	-	-	-	-	22.4	22	21.7	21.3	20.5	19.7	19	18	16	-	-	-	-	-	-
KDNE 65-160/153		29.1	-	-	-	-	-	-	-	28.8	28.5	28.6	28.5	28	27.5	26.6	26	24	22	21	-	-	-	-
KDNE 65-160/169		36.4	-	-	-	-	-	-	-	36.3	36.2	36.1	36	35.7	35.3	34.7	34	32.7	31	30	-	-	-	-
KDNE 65-200/170		37.2	-	-	-	-	-	-	-	36.8	36.7	36.6	36.5	36	35	34	32.5	30	27	25	-	-	-	-
KDNE 80-160/153-136		25.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.5	23.8	23	22.5	20.2	17.5	15	11.8

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

KDN

STANDARDISED CENTRIFUGAL ELECTRIC PUMPS



Standardised single-stage centrifugal pumps designed for a wide range of applications:

- Water supply;
- Hot water circulation for heating;
- Cold water circulation for air conditioning and refrigeration;
- Liquid transfer in agriculture, horticulture and industry;

Can be coupled with a coupling to a two- or four-pole electric motor and mounted on a pressed sheet metal base conforming to EN 23661.

Cast iron single-stage spiral body to DIN-EN 733 (formerly DIN 24255), cast iron seal cover and motor support, flanges to DIN 2533 (DIN 2532 for DN 200). Cast iron impeller, closed and dynamically balanced with axial thrust compensation via balancing holes, running (on request) on interchangeable wear rings. Stainless steel pump shaft supported by two amply sized ball bearings, greased for life and housed in a special chamber inside the support. Standard sealing device: standardised mechanical seal as per DIN 24960 made of carbon/silicon carbide with EPDM O-rings.

Rotation speed 1450 - 2900 1/min.

Operating range

1 to 420 m³/h with head up to 100 metres.

Pumped liquid clean, free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral close to the characteristics of water.

Liquid temperature range

-10 °C to +140 °C.

Maximum ambient temperature +40°C.

Maximum working pressure

16 bar - 1600 kPa (for DN 200 max 10 bar).

Flanging

PN 16 DIN 2533 - PN 10 DIN 2532 for DN 200.

Special designs on request

Pumps for liquids other than water. Other voltages and/or frequencies.

THREE-PHASE MOTORS	P2	< 0.75 kW	IE2
		≥ 0.75 kW < 75 kW	IE3
		≥ 75 kW	IE4

SELECTION
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KDN - STANDARDISED BASE-MOUNTED CENTRIFUGES

4 POLES = 1450 1/min

MODEL	POWER P2 (kW)	IMPELLER DIAMETER Ø	POWER SUPPLY	In A	DNA	DNM	CAST IRON IMPELLER		BRONZE IMPELLER		WEIGHT (*) (STANDARD COUPLING) KG
							CODE	PRICE €	CODE	PRICE €	
KDN 32-125.1/105	0.37	105	3x230-400V	1.8 - 1.05	50	32	-	3.209	-	3.345	81
KDN 32-125.1/110	0.37	110	3x230-400V	1.8 - 1.05	50	32	-	3.209	-	3.345	81
KDN 32-125.1/115	0.37	115	3x230-400V	1.8 - 1.05	50	32	-	3.209	-	3.345	81
KDN 32-125.1/120	0.37	120	3x230-400V	1.8 - 1.05	50	32	-	3.209	-	3.345	81
KDN 32-125.1/125	0.37	125	3x230-400V	1.8 - 1.05	50	32	-	3.209	-	3.345	81
KDN 32-125.1/130	0.37	130	3x230-400V	1.8 - 1.05	50	32	-	3.209	-	3.345	81
KDN 32-125.1/135	0.37	135	3x230-400V	1.8 - 1.05	50	32	-	3.209	-	3.345	81
KDN 32-125.1/140	0.37	140	3x230-400V	1.8 - 1.05	50	32	1D1K1111C	3.209	1D1K2111C	3.345	81
KDN 32-125.1/115	0.37	115	3x230-400V	1.8 - 1.05	50	32	-	3.236	-	3.365	81
KDN 32-125.1/120	0.37	120	3x230-400V	1.8 - 1.05	50	32	-	3.236	-	3.365	81
KDN 32-125.1/125	0.37	125	3x230-400V	1.8 - 1.05	50	32	-	3.236	-	3.365	81
KDN 32-125.1/130	0.37	130	3x230-400V	1.8 - 1.05	50	32	1D111111C	3.236	1D112111C	3.365	81
KDN 32-125.1/135	0.55	135	3x230-400V	2.6 - 1.5	50	32	-	3.269	-	3.406	83
KDN 32-125.1/142	0.55	142	3x230-400V	2.6 - 1.5	50	32	1D111112C	3.269	1D112112C	3.406	83
KDN 32-160.1/137	0.37	137	3x230-400V	1.8 - 1.05	50	32	-	3.323	-	3.591	83
KDN 32-160.1/145	0.37	145	3x230-400V	1.8 - 1.05	50	32	-	3.323	-	3.591	83
KDN 32-160.1/153	0.37	153	3x230-400V	1.8 - 1.05	50	32	1D1L1111C	3.323	1D1L2111C	3.591	83
KDN 32-160.1/161	0.55	161	3x230-400V	2.6 - 1.5	50	32	-	3.362	-	3.631	85
KDN 32-160.1/169	0.55	169	3x230-400V	2.6 - 1.5	50	32	1D1L1112C	3.362	1D1L2112C	3.631	85
KDN 32-160.1/177	0.75	177	3x230-400V	3.1 - 1.8	50	32	1D1L1113W	3.755	1D1L2113W	4.033	88
KDN 32-160.1/137	0.55	137	3x230-400V	2.6 - 1.5	50	32	-	3.371	-	3.642	85
KDN 32-160.1/145	0.55	145	3x230-400V	2.6 - 1.5	50	32	-	3.371	-	3.642	85
KDN 32-160.1/153	0.55	153	3x230-400V	2.6 - 1.5	50	32	1D121112C	3.371	1D122112C	3.642	85
KDN 32-160.1/161	0.75	161	3x230-400V	3.1 - 1.8	50	32	-	3.778	-	4.052	88
KDN 32-160.1/169	0.75	169	3x230-400V	3.1 - 1.8	50	32	1D121113W	3.778	1D122113W	4.052	88
KDN 32-160.1/177	1.1	177	3x230-400V	4.3 - 2.5	50	32	1D121114W	3.855	1D122114W	4.130	91
KDN 32-200.1/170	0.55	170	3x230-400V	2.6 - 1.5	50	32	1D1M1112C	3.489	1D1M2112C	3.814	85
KDN 32-200.1/180	0.75	180	3x230-400V	3.1 - 1.8	50	32	-	3.900	-	4.231	88
KDN 32-200.1/190	0.75	190	3x230-400V	3.1 - 1.8	50	32	1D1M1113W	3.900	1D1M2113W	4.231	88
KDN 32-200.1/200	1.1	200	3x230-400V	4.3 - 2.5	50	32	-	3.982	-	4.313	91
KDN 32-200.1/207	1.1	207	3x230-400V	4.3 - 2.5	50	32	1D1M1114W	3.982	1D1M2114W	4.313	91
KDN 32-200.1/170	0.55	170	3x230-400V	2.6 - 1.5	50	32	1D131112C	3.509	1D132112C	3.832	85
KDN 32-200.1/180	0.75	180	3x230-400V	3.1 - 1.8	50	32	1D131113W	3.918	1D132113W	4.250	88
KDN 32-200.1/190	1.1	190	3x230-400V	4.3 - 2.5	50	32	-	3.997	-	4.326	91
KDN 32-200.1/200	1.1	200	3x230-400V	4.3 - 2.5	50	32	1D131114W	3.997	1D132114W	4.326	91
KDN 32-200.1/210	1.5	210	3x230-400V	6.2 - 3.6	50	32	-	4.225	-	4.555	96
KDN 32-200.1/219	1.5	219	3x230-400V	6.2 - 3.6	50	32	1D131115W	4.225	1D132115W	4.555	96

(*) For weight with spacer coupling add 5 kg

KDN

STANDARDISED CENTRIFUGAL ELECTRIC PUMPS



4 POLES = 1450 1/min

MODEL	POWER P2 (kW)	IMPELLER DIAMETER Ø	POWER SUPPLY	In A	DNA	DNM	CAST IRON IMPELLER		BRONZE IMPELLER		WEIGHT (*) (STANDARD COUPLING) KG
							CODE	PRICE €	CODE	PRICE €	
KDN 40-125/115	0.37	115	3x230-400V	1,8-1,05	65	40	1D211111C	3.328	1D212111C	3.496	81
KDN 40-125/120	0.55	120	3x230-400V	2,6-1,5	65	40	-	3.367	-	3.535	85
KDN 40-125/125	0.55	125	3x230-400V	2,6-1,5	65	40	-	3.367	-	3.535	85
KDN 40-125/130	0.55	130	3x230-400V	2,6-1,5	65	40	1D211112C	3.367	1D212112C	3.535	85
KDN 40-125/135	0.75	135	3x230-400V	3,1-1,8	65	40	-	3.763	-	3.930	88
KDN 40-125/142	0.75	142	3x230-400V	3,1-1,8	65	40	1D211113W	3.763	1D212113W	3.930	88
KDN 40-160/137	0.75	137	3x230-400V	3,1-1,8	65	40	-	3.982	-	4.265	88
KDN 40-160/145	0.75	145	3x230-400V	3,1-1,8	65	40	1D221113W	3.982	1D222113W	4.265	88
KDN 40-160/153	1.1	153	3x230-400V	4,3-2,5	65	40	-	4.059	-	4.341	91
KDN 40-160/161	1.1	161	3x230-400V	4,3-2,5	65	40	1D221114W	4.059	1D222114W	4.341	91
KDN 40-160/169	1.5	169	3x230-400V	6,2-3,6	65	40	-	4.282	-	4.564	96
KDN 40-160/177	1.5	177	3x230-400V	6,2-3,6	65	40	1D221115W	4.282	1D222115W	4.564	96
KDN 40-200/170	1.1	170	3x230-400V	4,3-2,5	65	40	-	4.148	-	4.490	91
KDN 40-200/180	1.1	180	3x230-400V	4,3-2,5	65	40	1D231114W	4.148	1D232114W	4.490	91
KDN 40-200/190	1.5	190	3x230-400V	6,2-3,6	65	40	-	4.369	-	4.708	96
KDN 40-200/200	1.5	200	3x230-400V	6,2-3,6	65	40	1D231115W	4.369	1D232115W	4.708	96
KDN 40-200/210	2.2	210	3x230-400V	8,3-4,8	65	40	-	4.642	-	4.978	101
KDN 40-200/219	2.2	219	3x230-400V	8,3-4,8	65	40	1D231116W	4.642	1D232116W	4.978	101
KDN 40-250/220	2.2	220	3x230-400V	8,3-4,8	65	40	1D241116W	4.911	1D242116W	5.396	119
KDN 40-250/230	3.0	230	3x400V ~	6.8	65	40	-	5.185	-	5.671	135
KDN 40-250/240	3.0	240	3x400V ~	6.8	65	40	1D241117X	5.185	1D242117X	5.671	135
KDN 40-250/250	4.0	250	3x400V ~	8.2	65	40	-	5.504	-	5.992	179
KDN 40-250/260	4.0	260	3x400V ~	8.2	65	40	1D241118X	5.504	1D242118X	5.992	179
KDN 50-125/115	0.75	115	3x230-400V	3,1-1,8	65	50	-	3.869	-	4.050	88
KDN 50-125/120	0.75	120	3x230-400V	3,1-1,8	65	50	1D311113W	3.869	1D312113W	4.050	88
KDN 50-125/125	1.1	125	3x230-400V	4,3-2,5	65	50	-	3.949	-	4.131	91
KDN 50-125/130	1.1	130	3x230-400V	4,3-2,5	65	50	-	3.949	-	4.131	91
KDN 50-125/135	1.1	135	3x230-400V	4,3-2,5	65	50	-	3.949	-	4.131	91
KDN 50-125/139	1.1	139	3x230-400V	4,3-2,5	65	50	1D311114W	3.949	1D312114W	4.131	91
KDN 50-125/144	1.5	144	3x230-400V	6,2-3,6	65	50	1D311115W	4.178	1D312115W	4.357	96
KDN 50-160/137	1.1	137	3x230-400V	4,3-2,5	65	50	-	4.175	-	4.472	91
KDN 50-160/145	1.1	145	3x230-400V	4,3-2,5	65	50	1D321114W	4.175	1D322114W	4.472	91
KDN 50-160/153	1.5	153	3x230-400V	6,2-3,6	65	50	1D321115W	4.391	1D322115W	4.688	96
KDN 50-160/161	2.2	161	3x230-400V	8,3-4,8	65	50	-	4.660	-	4.959	101
KDN 50-160/169	2.2	169	3x230-400V	8,3-4,8	65	50	-	4.660	-	4.959	101
KDN 50-160/177	2.2	177	3x230-400V	8,3-4,8	65	50	1D321116W	4.660	1D322116W	4.959	101
KDN 50-200/170	1.5	170	3x230-400V	6,2-3,6	65	50	-	4.516	-	4.886	96
KDN 50-200/180	1.5	180	3x230-400V	6,2-3,6	65	50	1D331115W	4.516	1D332115W	4.886	96
KDN 50-200/190	2.2	190	3x230-400V	8,3-4,8	65	50	-	4.781	-	5.153	101
KDN 50-200/200	2.2	200	3x230-400V	8,3-4,8	65	50	1D331116W	4.781	1D332116W	5.153	101
KDN 50-200/210	3	210	3x400V ~	6.8	65	50	-	5.063	-	5.436	108
KDN 50-200/219	3	219	3x400V ~	6.8	65	50	1D331117X	5.063	1D332117X	5.436	108
KDN 50-250/220	3	220	3x400V ~	6.8	65	50	-	5.316	-	5.820	124
KDN 50-250/230	3	230	3x400V ~	6.8	65	50	1D341117X	5.316	1D342117X	5.820	124
KDN 50-250/240	4	240	3x400V ~	8.2	65	50	-	5.630	-	6.134	144
KDN 50-250/250	4	250	3x400V ~	8.2	65	50	1D341118X	5.630	1D342118X	6.134	144
KDN 50-250/263	5.5	263	3x400V ~	10.6	65	50	1D341119X	6.234	1D342119X	6.755	165
KDN 65-125/120/110	0.75	120-110	3x230-400V	3,1-1,8	80	65	1D411113W	3.988	1D412113W	4.189	92
KDN 65-125/120	1.1	120	3x230-400V	4,3-2,5	80	65	-	4.079	-	4.277	95
KDN 65-125/125	1.1	125	3x230-400V	4,3-2,5	80	65	-	4.079	-	4.277	95
KDN 65-125/130	1.1	130	3x230-400V	4,3-2,5	80	65	1D411114W	4.079	1D412114W	4.277	95
KDN 65-125/135	1.5	135	3x230-400V	6,2-3,6	80	65	-	4.299	-	4.498	101
KDN 65-125/140	1.5	140	3x230-400V	6,2-3,6	80	65	-	4.299	-	4.498	101
KDN 65-125/144	1.5	144	3x230-400V	6,2-3,6	80	65	1D411115W	4.299	1D412115W	4.498	101

(*) For weight with spacer coupling add 5 kg

KDN

STANDARDISED CENTRIFUGAL ELECTRIC PUMPS



4 POLES = 1450 1/min

MODEL	POWER P2 (kW)	IMPELLER DIAMETER Ø	POWER SUPPLY	In A	DNA	DNM	CAST IRON IMPELLER		BRONZE IMPELLER		WEIGHT (*) (STANDARD COUPLING) KG
							CODE	PRICE €	CODE	PRICE €	
KDN 65-160/137	1.1	137	3x230-400V	4,3-2,5	80	65	1D421114W	4.282	1D422114W	4.611	95
KDN 65-160/145	1.5	145	3x230-400V	6,2-3,6	80	65	1D421115W	4.498	1D422115W	4.829	101
KDN 65-160/153	2.2	153	3x230-400V	8,3-4,8	80	65	-	4.764	-	5.090	104
KDN 65-160/161	2.2	161	3x230-400V	8,3-4,8	80	65	-	4.764	-	5.090	104
KDN 65-160/169	2.2	169	3x230-400V	8,3-4,8	80	65	1D421116W	4.764	1D422116W	5.090	104
KDN 65-160/177	3	177	3x400V ~	6.8	80	65	1D421117X	5.041	1D422117X	5.370	134
KDN 65-200/170	2.2	170	3x230-400V	8,3-4,8	80	65	1D431116W	4.942	1D432116W	5.347	147
KDN 65-200/180	3	180	3x400V ~	6.8	80	65	-	5.219	-	5.627	150
KDN 65-200/190	3	190	3x400V ~	6.8	80	65	1D431117X	5.219	1D432117X	5.627	150
KDN 65-200/200	4	200	3x400V ~	8.2	80	65	-	5.536	-	5.942	185
KDN 65-200/210	4	210	3x400V ~	8.2	80	65	1D431118X	5.536	1D432118X	5.942	185
KDN 65-200/219	5.5	219	3x400V ~	10.6	80	65	1D431119X	6.138	1D432119X	6.563	200
KDN 65-250/220	4	220	3x400V ~	8.2	80	65	1D441118X	6.323	1D442118X	6.971	185
KDN 65-250/230	5.5	230	3x400V ~	10.6	80	65	-	6.957	-	7.627	201
KDN 65-250/240	5.5	240	3x400V ~	10.6	80	65	-	6.957	-	7.627	201
KDN 65-250/250	5.5	250	3x400V ~	10.6	80	65	1D441119X	6.957	1D442119X	7.627	201
KDN 65-250/263	7.5	263	3x400V ~	14.6	80	65	1D44111AX	7.430	1D44211AX	8.099	238
KDN 65-315/260	7.5	260	3x400V ~	14.6	80	65	1D45111AX	8.318	1D45211AX	9.161	240
KDN 65-315/275	11	275	3x400V ~	20.5	80	65	-	8.988	-	9.831	250
KDN 65-315/290	11	290	3x400V ~	20.5	80	65	-	8.988	-	9.831	250
KDN 65-315/305	11	305	3x400V ~	20.5	80	65	1D45111BX	8.988	1D45211BX	9.831	250
KDN 65-315/320	15	320	3x400V ~	28	80	65	1D45111CX	9.595	1D45211CX	10.436	272
KDN 80-160/147/127	2.2	147-127	3x230-400V	8,3-4,8	100	80	-	5.354	-	5.709	139
KDN 80-160/153/136	2.2	153-136	3x230-400V	8,3-4,8	100	80	-	5.354	-	5.709	139
KDN 80-160/153	2.2	153	3x230-400V	8,3-4,8	100	80	1D521116W	5.354	1D522116W	5.709	139
KDN 80-160/161	3	161	3x400V ~	6.8	100	80	1D521117X	5.627	1D522117X	5.980	142
KDN 80-160/169	4	169	3x400V ~	8.2	100	80	-	5.951	-	6.308	152
KDN 80-160/177	4	177	3x400V ~	8.2	100	80	1D521118X	5.951	1D522118X	6.308	152
KDN 80-200/170	3	170	3x400V ~	6.8	100	80	1D531117X	5.929	1D532117X	6.365	154
KDN 80-200/180	4	180	3x400V ~	8.2	100	80	-	6.251	-	6.687	167
KDN 80-200/190	4	190	3x400V ~	8.2	100	80	1D531118X	6.251	1D532118X	6.687	167
KDN 80-200/200	5.5	200	3x400V ~	10.6	100	80	-	6.873	-	7.324	188
KDN 80-200/210	5.5	210	3x400V ~	10.6	100	80	1D531119X	6.873	1D532119X	7.324	188
KDN 80-200/222	7.5	222	3x400V ~	14.6	100	80	1D53111AX	7.351	1D53211AX	7.802	240
KDN 80-250/220	5.5	220	3x400V ~	10.6	100	80	1D541119X	7.434	1D542119X	8.141	219
KDN 80-250/230	7.5	230	3x400V ~	14.6	100	80	-	7.917	-	8.618	250
KDN 80-250/240	7.5	240	3x400V ~	14.6	100	80	1D54111AX	7.917	1D54211AX	8.618	250
KDN 80-250/250	11	250	3x400V ~	20.5	100	80	-	8.591	-	9.294	270
KDN 80-250/260	11	260	3x400V ~	20.5	100	80	-	8.591	-	9.294	270
KDN 80-250/270	11	270	3x400V ~	20.5	100	80	1D54111BX	8.591	1D54211BX	9.294	270
KDN 80-315/275	11	275	3x400V ~	20.5	100	80	1D55111BX	9.290	1D55211BX	10.157	358
KDN 80-315/290	15	290	3x400V ~	28	100	80	1D55111CX	9.888	1D55211CX	10.755	365
KDN 80-315/305	18.5	305	3x400V ~	34	100	80	-	10.731	-	11.598	378
KDN 80-315/320	18.5	320	3x400V ~	34	100	80	1D55111DX	10.731	1D55211DX	11.598	378
KDN 80-315/334	22	334	3x400V ~	40.5	100	80	1D55111EX	11.654	1D55211EX	12.523	390

(*) For weight with spacer coupling add 5 kg

KDN

STANDARDISED CENTRIFUGAL ELECTRIC PUMPS



DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

4 POLES = 1450 1/min

MODEL	POWER P2 (kW)	IMPELLER DIAMETER Ø	POWER SUPPLY	In A	DNA	DNM	CAST IRON IMPELLER		BRONZE IMPELLER		WEIGHT (*) (STANDARD COUPLING) KG
							CODE	PRICE €	CODE	PRICE €	
KDN 100-200/180	5.5	180	3x400 V ~	10.6	125	100	1D631119X	7.183	1D632119X	7.712	230
KDN 100-200/190	7.5	190	3x400 V ~	14.6	125	100	-	7.657	-	8.179	270
KDN 100-200/200	7.5	200	3x400 V ~	14.6	125	100	1D63111AX	7.657	1D63211AX	8.179	270
KDN 100-200/210	11	210	3x400 V ~	20.5	125	100	-	8.368	-	8.887	281
KDN 100-200/219	11	219	3x400 V ~	20.5	125	100	1D63111BX	8.368	1D63211BX	8.887	281
KDN 100-250/220	11	220	3x400 V ~	20.5	125	100	-	8.890	-	9.643	281
KDN 100-250/230	11	230	3x400 V ~	20.5	125	100	-	8.890	-	9.643	281
KDN 100-250/240	11	240	3x400 V ~	20.5	125	100	1D64111BX	8.890	1D64211BX	9.643	281
KDN 100-250/250	15	250	3x400 V ~	28	125	100	-	9.497	-	10.245	305
KDN 100-250/260	15	260	3x400 V ~	28	125	100	-	9.497	-	10.245	305
KDN 100-250/270	15	270	3x400 V ~	28	125	100	1D64111CX	9.497	1D64211CX	10.245	305
KDN 100-315/275	15	275	3x400 V ~	28	125	100	1D65111CX	10.245	1D65211CX	11.155	320
KDN 100-315/290	18.5	290	3x400 V ~	34	125	100	1D65111DX	11.104	1D65211DX	12.016	390
KDN 100-315/305	22	305	3x400 V ~	40.5	125	100	1D65111EX	12.021	1D65211EX	12.933	420
KDN 100-315/320	30	320	3x400 V ~	53.5	125	100	-	13.050	-	13.962	458
KDN 100-315/334	30	334	3x400 V ~	53.5	125	100	1D65111FX	13.050	1D65211FX	13.962	458
KDN 125-250/220	15	220	3x400 V ~	28	150	125	-	10.408	-	11.260	391
KDN 125-250/230	15	230	3x400 V ~	28	150	125	1D74111CX	10.408	1D74211CX	11.260	391
KDN 125-250/240	18.5	240	3x400 V ~	34	150	125	-	11.272	-	12.123	420
KDN 125-250/250	18.5	250	3x400 V ~	34	150	125	1D74111DX	11.272	1D74211DX	12.123	420
KDN 125-250/260	22	260	3x400 V ~	40.5	150	125	1D74111EX	12.150	1D74211EX	13.003	433
KDN 125-250/269	30	269	3x400 V ~	53.5	150	125	1D74111FX	13.134	1D74211FX	13.983	511
KDN 150-200/210/170	11	210-170	3x400 V ~	20.5	200	150	-	11.457	-	12.084	455
KDN 150-200/218/182	11	218-182	3x400 V ~	20.5	200	150	1D83111BX	11.457	1D83211BX	12.084	455
KDN 150-200/218	15	218-200	3x400 V ~	28	200	150	-	12.040	-	12.665	476
KDN 150-200/218/200	15	218	3x400 V ~	28	200	150	-	12.040	-	12.665	476
KDN 150-200/224	15	224	3x400 V ~	28	200	150	1D83111CX	12.040	1D83211CX	12.665	476

(*) For weight with spacer coupling add 5 kg

KDN

STANDARDISED CENTRIFUGAL ELECTRIC PUMPS



2 POLES = 2900 1/min

MODEL	POWER P2 (kW)	IMPELLER DIAMETER Ø	POWER SUPPLY	In A	DNA	DNM	CAST IRON IMPELLER		BRONZE IMPELLER		WEIGHT (*) (STANDARD COUPLING) KG
							CODE	PRICE €	CODE	PRICE €	
KDN 32-125.1/105	1.1	105	3x230-400V	4,2-2,4	50	32	1D1K1114U	3.763	1D1K2114U	3.899	79
KDN 32-125.1/110	1.5	110	3x230-400V	5,2-3	50	32	-	3.865	-	4.001	87
KDN 32-125.1/115	1.5	115	3x230-400V	5,2-3	50	32	1D1K1115U	3.865	1D1K2115U	4.001	87
KDN 32-125.1/120	2.2	120	3x230-400V	8-4,6	50	32	-	4.142	-	4.276	92
KDN 32-125.1/125	2.2	125	3x230-400V	8-4,6	50	32	-	4.142	-	4.276	92
KDN 32-125.1/130	2.2	130	3x230-400V	8-4,6	50	32	1D1K1116U	4.142	1D1K2116U	4.276	92
KDN 32-125.1/135	3	135	3x400V~	5.6	50	32	-	4.426	-	4.564	100
KDN 32-125.1/140	3	140	3x400V~	5.6	50	32	1D1K1117V	4.426	1D1K2117V	4.564	100
KDN 32-125/115	2.2	115	3x230-400V	8-4,6	50	32	-	4.182	-	4.316	92
KDN 32-125/120	2.2	120	3x230-400V	8-4,6	50	32	1D111116U	4.182	1D112116U	4.316	92
KDN 32-125/125	3	125	3x400V~	5.6	50	32	-	4.468	-	4.606	100
KDN 32-125/130	3	130	3x400V~	5.6	50	32	-	4.468	-	4.606	100
KDN 32-125/135	3	135	3x400V~	5.6	50	32	1D111117V	4.468	1D112117V	4.606	100
KDN 32-125/142	4	142	3x400V~	7	50	32	1D111118V	4.781	1D112118V	4.917	108
KDN 32-160.1/137	2.2	137	3x230-400V	8-4,6	50	32	-	4.178	-	4.451	94
KDN 32-160.1/145	2.2	145	3x230-400V	8-4,6	50	32	1D1L1116U	4.178	1D1L2116U	4.451	94
KDN 32-160.1/153	3	153	3x400V~	5.6	50	32	1D1L1117V	4.468	1D1L2117V	4.743	102
KDN 32-160.1/161	4	161	3x400V~	7	50	32	-	4.781	-	5.055	110
KDN 32-160.1/169	4	169	3x400V~	7	50	32	1D1L1118V	4.781	1D1L2118V	5.055	110
KDN 32-160.1/177	5.5	177	3x400V~	10.2	50	32	1D1L1119V	5.420	1D1L2119V	5.703	117
KDN 32-160/145	3	137	3x400V~	5.6	50	32	1D121117V	4.503	1D122117V	4.779	102
KDN 32-160/145	4	145	3x400V~	7	50	32	-	4.822	-	5.095	110
KDN 32-160/153	4	153	3x400V~	7	50	32	1D121118V	4.822	1D122118V	5.095	110
KDN 32-160/161	5.5	161	3x400V~	10.2	50	32	-	5.456	-	5.742	117
KDN 32-160/169	5.5	169	3x400V~	10.2	50	32	-	5.456	-	5.742	117
KDN 32-160/177	5.5	177	3x400V~	10.2	50	32	1D121119V	5.456	1D122119V	5.742	117
KDN 32-200.1/170	4	170	3x400V~	7	50	32	-	5.055	-	5.385	118
KDN 32-200.1/180	4	180	3x400V~	7	50	32	1D1M1118V	5.055	1D1M2118V	5.385	118
KDN 32-200.1/190	5.5	190	3x400V~	10.2	50	32	1D1M1119V	5.632	1D1M2119V	5.975	124
KDN 32-200.1/200	7.5	200	3x400V~	13.4	50	32	-	6.082	-	6.420	151
KDN 32-200.1/207	7.5	207	3x400V~	13.4	50	32	1D1M111AV	6.082	1D1M211AV	6.420	151
KDN 32-200/170	5.5	170	3x400V~	10.2	50	32	-	5.689	-	6.032	124
KDN 32-200/180	5.5	180	3x400V~	10.2	50	32	1D131119V	5.689	1D132119V	6.032	124
KDN 32-200/190	7.5	190	3x400V~	13.4	50	32	-	6.117	-	6.457	151
KDN 32-200/200	7.5	200	3x400V~	13.4	50	32	1D13111AV	6.117	1D13211AV	6.457	151
KDN 32-200/210	11	210	3x400V~	19.7	50	32	-	6.876	-	7.216	214
KDN 32-200/219	11	219	3x400V~	19.7	50	32	1D13111BV	6.876	1D13211BV	7.216	214

(*) For weight with spacer coupling add 5 kg

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FIRE FIGHTING

KDN

STANDARDISED CENTRIFUGAL ELECTRIC PUMPS

**2 POLES = 2900 1/min**

MODEL	POWER P2 (kW)	IMPELLER DIAMETER Ø	POWER SUPPLY	In A	DNA	DNM	CAST IRON IMPELLER		BRONZE IMPELLER		WEIGHT (*) (STANDARD COUPLING) KG
							CODE	PRICE €	CODE	PRICE €	
KDN 40-125/115	3	115	3x400V ~	5.6	65	40	1D211117V	4.571	1D212117V	4.740	80
KDN 40-125/120	4	120	3x400V ~	7	65	40	-	4.890	-	5.063	84
KDN 40-125/125	4	125	3x400V ~	7	65	40	-	4.890	-	5.063	84
KDN 40-125/130	4	130	3x400V ~	7	65	40	1D211118V	4.890	1D212118V	5.063	84
KDN 40-125/135	5.5	135	3x400V ~	10.2	65	40	-	5.480	-	5.657	115
KDN 40-125/142	5.5	142	3x400V ~	10.2	65	40	1D211119V	5.480	1D212119V	5.657	115
KDN 40-160/137	4	137	3x400V ~	7	65	40	1D221118V	5.082	1D222118V	5.364	86
KDN 40-160/145	5.5	145	3x400V ~	10.2	65	40	1D221119V	5.673	1D222119V	5.968	120
KDN 40-160/153	7.5	153	3x400V ~	13.4	65	40	-	6.162	-	6.451	138
KDN 40-160/161	7.5	161	3x400V ~	13.4	65	40	1D22111AV	6.162	1D22211AV	6.451	138
KDN 40-160/169	11	169	3x400V ~	19.7	65	40	-	6.860	-	7.148	150
KDN 40-160/177	11	177	3x400V ~	19.7	65	40	1D22111BV	6.860	1D22211BV	7.148	150
KDN 40-200/170	7.5	170	3x400V ~	13.4	65	40	-	6.330	-	6.679	150
KDN 40-200/180	7.5	180	3x400V ~	13.4	65	40	1D23111AV	6.330	1D23211AV	6.679	150
KDN 40-200/190	11	190	3x400V ~	19.7	65	40	-	7.022	-	7.370	198
KDN 40-200/200	11	200	3x400V ~	19.7	65	40	1D23111BV	7.022	1D23211BV	7.370	198
KDN 40-200/210	15	210	3x400V ~	26.5	65	40	-	7.582	-	7.929	204
KDN 40-200/219	15	219	3x400V ~	26.5	65	40	1D23111CV	7.582	1D23211CV	7.929	204
KDN 40-250/220	15	220	3x400V ~	26.5	65	40	1D24111CV	7.854	1D24211CV	8.352	251
KDN 40-250/230	18.5	230	3x400V ~	33	65	40	1D24111DV	8.358	1D24211DV	8.863	266
KDN 40-250/240	22	240	3x400V ~	38	65	40	-	9.146	-	9.649	278
KDN 40-250/250	22	250	3x400V ~	38	65	40	1D24111EV	9.146	1D24211EV	9.649	278
KDN 40-250/260	30	260	3x400V ~	52	65	40	1D24111FV	10.284	1D24211FV	10.786	332
KDN 50-125/115	4	115	3x400V ~	7	65	50	1D311118V	4.990	1D312118V	5.174	91
KDN 50-125/120	5.5	120	3x400V ~	10.2	65	50	-	5.588	-	5.775	143
KDN 50-125/125	5.5	125	3x400V ~	10.2	65	50	1D311119V	5.588	1D312119V	5.775	143
KDN 50-125/130	7.5	130	3x400V ~	13.4	65	50	-	6.082	-	6.265	156
KDN 50-125/135	7.5	135	3x400V ~	13.4	65	50	-	6.082	-	6.265	156
KDN 50-125/139	7.5	139	3x400V ~	13.4	65	50	1D31111AV	6.082	1D31211AV	6.265	156
KDN 50-125/144	11	144	3x400V ~	19.7	65	50	1D31111BV	6.777	1D31211BV	6.965	178
KDN 50-160/137	7.5	137	3x400V ~	13.4	65	50	-	6.276	-	6.587	165
KDN 50-160/145	7.5	145	3x400V ~	13.4	65	50	1D32111AV	6.276	1D32211AV	6.587	165
KDN 50-160/153	11	153	3x400V ~	19.7	65	50	-	6.965	-	7.273	220
KDN 50-160/161	11	161	3x400V ~	19.7	65	50	1D32111BV	6.965	1D32211BV	7.273	220
KDN 50-160/169	15	169	3x400V ~	26.5	65	50	-	7.530	-	7.838	260
KDN 50-160/177	15	177	3x400V ~	26.5	65	50	1D32111CV	7.530	1D32211CV	7.838	260
KDN 50-200/170	11	170	3x400V ~	19.7	65	50	-	7.131	-	7.512	230
KDN 50-200/180	11	180	3x400V ~	19.7	65	50	1D33111BV	7.131	1D33211BV	7.512	230
KDN 50-200/190	15	190	3x400V ~	26.5	65	50	-	7.692	-	8.070	282
KDN 50-200/200	15	200	3x400V ~	26.5	65	50	1D33111CV	7.692	1D33211CV	8.070	282
KDN 50-200/210	18.5	210	3x400V ~	33	65	50	1D33111DV	8.195	1D33211DV	8.577	290
KDN 50-200/219	22	219	3x400V ~	38	65	50	1D33111EV	8.981	1D33211EV	9.366	302
KDN 50-250/220	18.5	220	3x400V ~	33	65	50	1D34111DV	8.485	1D34211DV	9.005	300
KDN 50-250/230	22	230	3x400V ~	38	65	50	1D34111EV	9.271	1D34211EV	9.790	315
KDN 50-250/240	30	240	3x400V ~	52	65	50	-	10.402	-	10.921	358
KDN 50-250/250	30	250	3x400V ~	52	65	50	1D34111FV	10.402	1D34211FV	10.921	358
KDN 50-250/263	37	263	3x400V ~	63	65	50	1D34111GV	12.033	1D34211GV	12.552	419

(*) For weight with spacer coupling add 5 kg

KDN

STANDARDISED CENTRIFUGAL ELECTRIC PUMPS



2 POLES = 2900 1/min

MODEL	POWER P2 (kW)	IMPELLER DIAMETER Ø	POWER SUPPLY	In A	DNA	DNM	CAST IRON IMPELLER		BRONZE IMPELLER		WEIGHT (*) (STANDARD COUPLING) KG
							CODE**	PRICE €	CODE**	PRICE €	
KDN 65-125/120/110	5.5	120-110	3x400V~	10.2	80	65	1D411119V	5.693	1D412119V	5.902	150
KDN 65-125/120	7.5	120	3x400V~	13.4	80	65	-	6.189	-	6.394	163
KDN 65-125/125	7.5	125	3x400V~	13.4	80	65	-	6.189	-	6.394	163
KDN 65-125/130	7.5	130	3x400V~	13.4	80	65	1D41111AV	6.189	1D41211AV	6.394	163
KDN 65-125/135	11	135	3x400V~	19.7	80	65	-	6.877	-	7.086	185
KDN 65-125/140	11	140	3x400V~	19.7	80	65	-	6.877	-	7.086	185
KDN 65-125/144	11	144	3x400V~	19.7	80	65	1D41111BV	6.877	1D41211BV	7.086	185
KDN 65-160/137	7.5	137	3x400V~	13.4	80	65	1D42111AV	6.384	1D42211AV	6.723	170
KDN 65-160/145	11	145	3x400V~	19.7	80	65	-	7.075	-	7.414	230
KDN 65-160/153	11	153	3x400V~	19.7	80	65	1D42111BV	7.075	1D42211BV	7.414	230
KDN 65-160/161	15	161	3x400V~	26.5	80	65	-	7.630	-	7.967	270
KDN 65-160/169	15	169	3x400V~	26.5	80	65	1D42111CV	7.630	1D42211CV	7.967	270
KDN 65-160/177	18.5	177	3x400V~	33	80	65	1D42111DV	8.140	1D42211DV	8.479	300
KDN 65-200/170	15	170	3x400V~	26.5	80	65	-	7.837	-	8.255	300
KDN 65-200/180	15	180	3x400V~	26.5	80	65	1D43111CV	7.837	1D43211CV	8.255	300
KDN 65-200/190	18.5	190	3x400V~	33	80	65	1D43111DV	8.333	1D43211DV	8.751	310
KDN 65-200/200	22	200	3x400V~	38	80	65	1D43111EV	9.112	1D43211EV	9.530	322
KDN 65-200/210	30	210	3x400V~	52	80	65	-	10.249	-	10.672	418
KDN 65-200/219	30	219	3x400V~	52	80	65	1D43111FV	10.249	1D43211FV	10.672	418
KDN 65-250/220	30	220	3x400V~	52	80	65	-	11.067	-	11.739	472
KDN 65-250/230	30	230	3x400V~	52	80	65	1D44111FV	11.067	1D44211FV	11.739	472
KDN 65-250/240	37	240	3x400V~	63	80	65	1D44111GV	12.705	1D44211GV	13.372	502
KDN 65-250/250	45	250	3x400V~	76	80	65	1D44111HV	15.007	1D44211HV	15.674	589
KDN 65-250/263	55	263	3x400V~	95	80	65	1D44111KV	18.445	1D44211KV	19.115	717
KDN 65-315/260	45	260	3x400V~	76	80	65	1D45111HV	15.471	1D45211HV	16.312	734
KDN 65-315/275	55	275	3x400V~	95	80	65	1D45111KV	18.970	1D45211KV	19.810	850
KDN 65-315/290	75	290	3x400V~	126	80	65	60215793	-	-	23.713	879
KDN 65-315/305	75	305	3x400V~	126	80	65	not available	-	-	23.713	879
KDN 65-315/320	90	320	3x400V~	151	80	65	-	-	-	27.351	909
KDN 80-160/147/127	11	147-127	3x400V~	19.7	100	80	1D52111BV	7.668	1D52211BV	8.037	275
KDN 80-160/153/136	15	153-136	3x400V~	26.5	100	80	1D52111CV	8.210	1D52211CV	8.578	285
KDN 80-160/153	18.5	153	3x400V~	33	100	80	-	8.713	-	9.083	320
KDN 80-160/161	18.5	161	3x400V~	33	100	80	1D52111DV	8.713	1D52211DV	9.083	320
KDN 80-160/169	22	169	3x400V~	38	100	80	1D52111EV	9.497	1D52211EV	9.864	345
KDN 80-160/177	30	177	3x400V~	52	100	80	1D52111FV	10.628	1D52211FV	10.996	400
KDN 80-200/170	22	170	3x400V~	38	100	80	1D53111EV	9.775	1D53211EV	10.224	368
KDN 80-200/180	30	180	3x400V~	52	100	80	-	10.900	-	11.352	444
KDN 80-200/190	30	190	3x400V~	52	100	80	1D53111FV	10.900	1D53211FV	11.352	444
KDN 80-200/200	37	200	3x400V~	63	100	80	1D53111GV	12.539	1D53211GV	12.986	480
KDN 80-200/210	45	210	3x400V~	76	100	80	1D53111HV	14.841	1D53211HV	15.288	587
KDN 80-200/222	55	222	3x400V~	95	100	80	1D53111KV	18.284	1D53211KV	18.733	740
KDN 80-250/220	45	220	3x400V~	76	100	80	1D54111HV	15.346	1D54211HV	16.052	612
KDN 80-250/230	55	230	3x400V~	95	100	80	-	18.790	-	19.490	740
KDN 80-250/240	55	240	3x400V~	95	100	80	1D54111KV	18.790	1D54211KV	19.490	740
KDN 80-250/250	75	250	3x400V~	126	100	80	-	22.703	-	23.443	877
KDN 80-250/260	75	260	3x400V~	126	100	80	60215796	22.703	60215833	23.443	877
KDN 80-250/270	90	270	3x400V~	151	100	80	60215822	26.250	-	26.992	891
KDN 80-315/275	75	275	3x400V~	126	100	80	-	-	-	24.137	868
KDN 80-315/290	90	290	3x400V~	151	100	80	not available	-	-	27.705	898
KDN 80-315/290	110	290	3x400V~	184	100	80	not available	-	60215834	34.036	1147

(*) For weight with spacer coupling add 5 kg

KDN

STANDARDISED CENTRIFUGAL ELECTRIC PUMPS


2 POLES = 2900 1/min

MODEL	POWER P2 (kW)	IMPELLER DIAMETER Ø	POWER SUPPLY	In A	DNA	DNM	CAST IRON IMPELLER		BRONZE IMPELLER		WEIGHT (*) (STANDARD COUPLING) KG
							CODE**	PRICE €	CODE**	PRICE €	
KDN 100-200/180	37	180	3x400V~	63	125	100	1D63111GV	12.828	1D63211GV	13.349	510
KDN 100-200/190	45	190	3x400V~	76	125	100	-	15.123	-	15.644	588
KDN 100-200/200	45	200	3x400V~	76	125	100	1D63111HV	15.123	1D63211HV	15.644	588
KDN 100-200/210	55	210	3x400V~	95	125	100	1D63111KV	18.565	1D63211KV	19.085	780
KDN 100-200/219	75	219	3x400V~	126	125	100	60215827	22.471	-	23.019	849
KDN 100-250/220	55	220	3x400V~	95	125	100	1D64111KV	18.990	1D64211KV	19.740	800
KDN 100-250/230	75	230	3x400V~	126	125	100	-	22.851	60215835	23.641	787
KDN 100-250/240	75	240	3x400V~	126	125	100	60215828	22.851	-	23.641	887
KDN 100-250/250	90	250	3x400V~	151	125	100	-	26.404	-	27.193	905
KDN 100-250/260	90	260	3x400V~	151	125	100	60215829	26.404	-	27.193	905
KDN 100-250/260	110	260	3x400V~	184	125	100	60215830	32.714	-	33.506	1132

(*) For weight with spacer coupling add 5 kg

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
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AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

STANDARDISED CENTRIFUGAL ELECTRIC PUMPS - KDN

SELECTION TABLES

4 POLES = 1450 1/min

MODEL	Q (m³/h)	0	3	6	12	18	24	30	36
	(l/min)	0	50	100	200	300	400	500	600
KDN 32-125.1/105	H (m)	3.5	3.4	3.1					
KDN 32-125.1/110		3.9	3.8	3.5					
KDN 32-125.1/115		4.25	4.2	3.9					
KDN 32-125.1/120		4.7	4.6	4.3					
KDN 32-125.1/125		5.1	5.1	4.8					
KDN 32-125.1/130		5.6	5.6	5.3					
KDN 32-125.1/135		6.1	6	5.8	4.4				
KDN 32-125.1/140		6.6	6.6	6.4	5.1				
KDN 32-125/115		4.3		4.1	3.2				
KDN 32-125/120		4.75		4.6	3.75				
KDN 32-125/125		5.2		5.05	4.2				
KDN 32-125/130		5.7		5.5	4.8				
KDN 32-125/135		6.2		6	5.3	3.65			
KDN 32-125/142		6.9		6.75	6.15	4.5			
KDN 32-160.1/137		5.3	5.3	4.7					
KDN 32-160.1/145		6.2	6.1	5					
KDN 32-160.1/153		7	7	6.6					
KDN 32-160.1/161		8	7.9	7.6					
KDN 32-160.1/169		8.9	8.9	8.6	5.5				
KDN 32-160.1/177		9	9.8	9.5	6.6				
KDN 32-160/137		5.9		5.6	4.4				
KDN 32-160/145		6.7		6.5	5.3				
KDN 32-160/153		7.6		7.4	6.25				
KDN 32-160/161		8.5		8.25	7.25	8.7			
KDN 32-160/169		9.5		9.3	8.4	6.6			
KDN 32-160/177		10.5		10.4	9.6	7.8			
KDN 32-200.1/170		8.6	8.5	7.2					
KDN 32-200.1/180		9.8	9.8	9					
KDN 32-200.1/190		11.3	11.1	10.5					
KDN 32-200.1/200		12.8	12.7	11.7	8.3				
KDN 32-200.1/207		13.8	13.8	13	8.9				
KDN 32-200/170		8.6		8.2	6.7				
KDN 32-200/180		9.9		9.6	8.2				
KDN 32-200/190		11.2		10.9	9.7	7			
KDN 32-200/200		12.6		12.3	11.1	8.7			
KDN 32-200/210		14.3		14	13.1	10.7			
KDN 32-200/219		15.7		15.4	14.8	13	9.8		
KDN 40-125/115		4.2		4.1	3.8	3.2	2.4		
KDN 40-125/120		4.6		4.5	4.2	3.7	2.9		
KDN 40-125/125		5.1		4.9	4.7	4.1	3.3		
KDN 40-125/130		5.5		5.4	5.2	4.7	3.9		
KDN 40-125/135		6		5.9	5.8	5.3	4.6		
KDN 40-125/142		6.7		6.6	6.5	6	5.3	4.1	
KDN 40-160/137		5.9		5.8	5.8	5	3.7		
KDN 40-160/145		6.7		6.6	6.5	6	4.8		
KDN 40-160/153		7.6		7.6	7.5	7	6.8		
KDN 40-160/161		8.6		8.5	8.4	8	7.1	5.6	
KDN 40-160/169		9.6		9.5	9.5	9.1	8.3	7	
KDN 40-160/177		10.7		10.7	10.6	10.2	9.5	8.3	
KDN 40-200/170		8.4		8.4	8.2	7.4	5.7		
KDN 40-200/180		9.7		9.7	9.4	8.8	7.2		
KDN 40-200/190		10.9		10.8	10.7	10.2	8.8	6.8	
KDN 40-200/200		12.2		12.1	12	11.7	10.4	8.6	
KDN 40-200/210		13.6		13.5	13.5	13.2	12.1	10.6	
KDN 40-200/219		15		15	15	14.7	13.8	12.4	10.4
KDN 40-250/220		15.8			15.6	14.8	13.6	12	
KDN 40-250/230		17.4			17.2	16.5	15.3	13.7	
KDN 40-250/240		19.1			19	18.2	17	15.5	
KDN 40-250/250		20.7			20.6	20	18.9	17.5	
KDN 40-250/260		22.7			22.6	22.1	21	19.5	

DAB SERVICES

HEATING AND
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ESYBOX LINE

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SWIMMING POOL PUMPS

FIRE FIGHTING

STANDARDISED CENTRIFUGAL ELECTRIC PUMPS - KDN

SELECTION TABLES

4 POLES = 1450 1/min

MODEL	Q (m³/h)	0	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114
	(l/min)	0	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900
KDN 50-125/115	H (m)	4.2	4.1	3.9	3.6	3.3	2.9	2.3										
KDN 50-125/120		4.6	4.4	4.3	4	3.7	3.3	2.8										
KDN 50-125/125		5	4.9	4.7	4.5	4.2	3.7	3.3										
KDN 50-125/130		5.6	5.4	5.2	5	4.7	4.2	3.8	3.2									
KDN 50-125/135		6	5.8	5.7	5.5	5.2	4.8	4.3	3.8									
KDN 50-125/139		6.3	6.2	6.1	5.9	5.6	5.2	4.8	4.2									
KDN 50-125/144		6.7	6.7	6.6	6.4	6.2	5.8	5.3	4.8	4.1								
KDN 50-160/137		6	6	5.9	5.6	5.2	4.8											
KDN 50-160/145		6.8	6.7	6.7	6.5	6.2	5.8											
KDN 50-160/153		7.6	7.6	7.5	7.4	7.2	6.7											
KDN 50-160/161		8.4	8.4	8.3	8.2	8.1	7.7											
KDN 50-160/169		9.4	9.3	9.2	9.2	9.1	8.8											
KDN 50-160/177		10.4	10.3	10.3	10.2	10.1	9.95											
KDN 50-200/170		9.5	9.3	9.2	8.8	8	6.85											
KDN 50-200/180		10.6	10.6	10.5	10.1	9.5	8.6	7.3										
KDN 50-200/190		11.8	11.7	11.6	11.4	10.8	10.1	8.9										
KDN 50-200/200		13.1	13	13	12.8	12.3	11.6	10.6	9.4									
KDN 50-200/210		14.6	14.6	14.5	14.4	13.9	13.2	12.2	11									
KDN 50-200/219		16	16	16	15.9	15.4	14.2	13.8	12.7	11.4								
KDN 50-250/220		15.9	15.7	15.6	15.4	14.9	13.8	12.4	10.5									
KDN 50-250/230		17.4	17.3	17.2	17	16.5	15.5	14.2	12.6	10.3								
KDN 50-250/240		19	19	19	18.8	18.2	17.4	16.2	14.7	12.4								
KDN 50-250/250		20.8	20.8	20.7	20.6	20.1	19.2	18.1	17	14.8								
KDN 50-250/263		23	23	22.9	22.8	22.5	21.7	20.6	19.4	17.5								
KDN 65-125/120/110		3.75			3.5	3.3	3.2	2.9	2.7	2.3	1.9							
KDN 65-125/120		4.25			3.9	3.8	3.6	3.3	3.1	2.7	2.3							
KDN 65-125/125		4.7			4.4	4.25	4.1	3.8	3.6	3.25	2.8							
KDN 65-125/130		5.1			4.9	4.75	4.6	4.3	4.1	3.8	3.3	2.8						
KDN 65-125/135		5.6			5.4	5.3	5.2	4.9	4.7	4.3	3.9	3.5	3					
KDN 65-125/140		6			5.9	5.8	5.7	5.5	5.2	4.9	4.5	4.1	3.6					
KDN 65-125/144		6.4			6.35	6.25	6.2	5.9	5.7	5.4	5	4.65	4.2	3.7				
KDN 65-160/137		5.8			5.7	5.4	5.2	4.75	4.3	3.7								
KDN 65-160/145		6.5			6.5	6.3	6	5.7	5.3	4.75	4.1							
KDN 65-160/153		7.3			7.2	7.2	6.9	6.7	6.3	5.8	5.25							
KDN 65-160/161		8.2			8.1	8.1	7.9	7.7	7.3	6.85	6.3	5.8						
KDN 65-160/169		9.1			9.1	9	8.9	8.7	8.4	8	7.6	7.1	6.4					
KDN 65-160/177		10			10	9.9	9.8	9.7	9.45	9.1	8.7	8.2	7.5					
KDN 65-200/170		9.3		9.3	9.2	9.2	9	8.5	7.9	7.1	6.3							
KDN 65-200/180		10.4		10.4	10.4	10.3	10.2	10	9.5	8.8	8.1							
KDN 65-200/190		12.1		12	12	12	11.9	11.5	11.1	10.5	9.8	8.8						
KDN 65-200/200		13.3		13.3	13.3	13.2	13.1	13	12.8	12.3	11.6	10.8						
KDN 65-200/210		14.8		14.7	14.7	14.7	14.6	14.6	14.3	13.8	13.4	12.7	12					
KDN 65-200/219		16.2		16.2	16.2	16.1	16	15.9	15.8	15.4	15	14.4	13.5	12.7				
KDN 65-250/220		15.8			15.8	15.5	15.1	14.5	14	13.2	12	10.7						
KDN 65-250/230		17.4		17.4	17.2	16.8	16.3	15.7	15	14.1	12.7	11.4						
KDN 65-250/240		19		19	18.9	18.5	18.1	17.5	16.8	16	14.7	13.6						
KDN 65-250/250		20.7			20.7	20.6	20.4	20	19.5	18.8	18	17	15.9	14.5				
KDN 65-250/263		23.2			23	23	22.9	22.5	22.2	21.6	20.8	19.8	18.6	17.4	16			
KDN 65-315/260		22.3			22.2	22.1	22	21.5	21	20.5	20	19.2	18.4	17	16	15		
KDN 65-315/275		25.1			25.1	25	24.8	24.6	24.1	23.5	23	22.5	21.5	20.5	19.4	18.1		
KDN 65-315/290		28.2			28.2	28.1	28	27.8	27.3	27	26.5	25.5	25	24	23.1	22	19.5	
KDN 65-315/305		31.7			31.5	31.4	31.4	31.3	31.2	30.8	30.4	29.6	29	28	27.2	26.1	23.5	
KDN 65-315/320		35.7			35.4	35.3	35.2	35.1	35	34.8	34.5	33.8	33.5	32.5	31.5	30.8	28	24.8

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FIRE FIGHTING

STANDARDISED CENTRIFUGAL ELECTRIC PUMPS - KDN

SELECTION TABLES

4 POLES = 1450 1/min

MODEL	Q (m³/h)	0	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210	240	270	300	330	360	390	420
	(l/min)	0	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000
KDN 80-160/147/127	H (m)	5.7	5.4	5.25	5.05	4.8	4.6	4.35	4.15	3.85	3.6	3.1	2.5	2.2										
KDN 80-160/153/136		6.4	6.2	6.05	5.85	5.7	5.4	5.15	4.8	4.65	4.4	3.85	3.3	3										
KDN 80-160/153		7.3	7.1	6.9	6.7	6.5	6.3	6	5.75	5.4	5.2	4.55	3.9	3.6										
KDN 80-160/161		8.2	8	7.9	7.75	7.5	7.3	7.05	6.8	6.5	6.25	5.6	4.9	4.6										
KDN 80-160/169		9.1	9	8.85	8.7	8.6	8.35	8.1	7.85	7.6	7.3	6.75	6	5.7										
KDN 80-160/177		10	9.9	9.85	9.8	9.7	9.5	9.3	9.1	8.85	8.7	8.1	7.25	6.9										
KDN 80-200/170		9.2	9.1	9	8.7	8.5	8.2	7.8	7.5	7.1	6.7	5.6												
KDN 80-200/180		10.3	10.2	10.2	10	9.9	9.6	9.2	9	8.6	8.2	7.2												
KDN 80-200/190		11.4	11.4	11.3	11.2	11.1	11	10.7	10.5	10.1	9.8	8.7	6.8											
KDN 80-200/200		12.7	12.6	12.6	12.6	12.5	12.4	12.3	12	11.6	11.4	10.5	9.4	8.8										
KDN 80-200/210		14.1	14	14	14	13.9	13.8	13.7	13.6	13.3	13.1	12.1	11.2	10.6										
KDN 80-200/222		15.9	15.9	15.8	15.7	15.6	15.6	15.5	15.4	15.3	15	14.3	13.4	12.8										
KDN 80-250/220		16	15.9	15.8	15.7	15.6	15.5	15.2	14.9	14.5	13.9	12.8												
KDN 80-250/230		17.3	17.3	17.2	17.1	17	16.9	16.8	16.5	16	15.5	14.3	12.4											
KDN 80-250/240		19	19	19	18.9	18.8	18.7	18.6	18.4	18	17.6	16.6	15.3	14.6										
KDN 80-250/250		20.8	20.7	20.7	20.7	20.6	20.5	20.4	20.3	19.9	19.6	18.6	17.4	16.8										
KDN 80-250/260		22.6	22.5	22.5	22.4	22.3	22.2	22.1	22	21.8	21.4	20.6	19.6	19	15.1									
KDN 80-250/270		24.5	24.4	24.4	24.4	24.3	24.2	24.1	24	23.7	23.3	22.4	21.4	20.7	16.3									
KDN 80-315/275		24.8		24.8	24.8	24.7	24.6	24.5	24.4	24.3	24	23	21.4	20.5										
KDN 80-315/290		27.8		27.8	27.8	27.7	27.7	27.6	27.6	27.5	27.4	26.5	25	24.6	19.1									
KDN 80-315/305		31.4		31.4	31.3	31.2	31.2	31.2	31.2	31.2	30.9	30	29	28.5	24									
KDN 80-315/320		34.8		34.7	34.6	34.6	34.5	34.4	34.3	34	33.9	33.8	33.2	32.8	28.8									
KDN 80-315/334		38.3		38.2	38.2	38.2	38.2	38.2	38.1	38	37.9	37.6	37	36.9	33.1	28								
KDN 100-200/180		10.1				10.1	10.1	10	9.9	9.7	9.5	9.1	8.5	8.3	7	5.4								
KDN 100-200/190		11.6				11.5	11.4	11.3	11.2	11.1	11	10.5	10.1	10	8.6	7								
KDN 100-200/200		12.9				12.8	12.8	12.8	12.7	12.6	12.5	12.2	11.8	11.6	10.4	8.8								
KDN 100-200/210		14.3				14.2	14.2	14.2	14.2	14.1	14	13.8	13.5	13.3	12.3	10.7	9							
KDN 100-200/219		16				15.7	15.7	15.6	15.6	15.5	15.5	15.3	15.1	15	14	12.5	10.8							
KDN 100-250/220		15.2				14.9	14.9	14.9	14.8	14.7	14.6	14.3	13.7	13.4	11.4									
KDN 100-250/230		16.9				16.7	16.7	16.6	16.5	16.4	16.3	16.1	15.7	15.3	13.6	11.1								
KDN 100-250/240		18.5				18.3	18.3	18.3	18.2	18.1	18	17.9	17.6	17.4	15.7	13.3								
KDN 100-250/250		20.1				20	20	19.9	19.8	19.7	19.6	19.5	19.4	19.2	17.6	15.4								
KDN 100-250/260		22.3				22.1	22.1	22.1	22	21.9	21.8	21.7	21.5	21.4	19.8	17.7	15.1							
KDN 100-250/270		24.3				24.3	24.3	24.3	24.3	24.3	24.2	24.1	23.7	23.5	22.1	20.1	17.3							
KDN 100-315/275		25.1				25	25	25	24.9	24.8	24.7	24.6	24.4	24	22	19								
KDN 100-315/290		28				27.9	27.9	27.9	27.9	27.8	27.7	27.6	27.5	27	25.5	23								
KDN 100-315/305		31.3				31.1	31.1	31.1	31	30.9	30.8	30.7	30.6	30.5	29	27	24							
KDN 100-315/320		34.5				34.4	34.4	34.4	34.4	34.4	34.3	34.2	34.1	34	33	31	28.1							
KDN 100-315/334		38.2				38.2	38.1	38.1	38.1	38	38	37.7	37.5	37.3	36.5	34.8	32	28.8						
KDN 125-250/220		15										14.9	14.9	14.8	14.5	14	13	11.8	10.5	9.2				
KDN 125-250/230		16.6										16.6	16.6	16.5	16.3	15.6	14.8	13.8	12.5	12.3	9.5			
KDN 125-250/240		18.2										18.1	18.1	18.1	18	17.7	16.8	15.8	14.5	13.3	11.6	10.1		
KDN 125-250/250		19.9										19.8	19.8	19.7	19.6	19.4	18.7	17.8	16.6	15.5	14	12.3		
KDN 125-250/260		21.7										21.7	21.6	21.5	21.4	21.3	20.6	19.9	18	17.7	16.3	14.6	13	
KDN 125-250/269		23.9										23.9	23.9	23.8	23.6	23.2	22.7	22.1	22.2	20.2	19	17.5	15.6	14
KDN 150-200/210/170		8.9										8.9	8.9	8.8	8.7	8.6	8.3	7.9	7.4	6.8	6.2	5.4	4.5	
KDN 150-200/218/182		10.4										10.4	10.4	10.3	10.2	9.9	9.5	9.1	8.6	8.1	7.4	6.6	5.8	
KDN 150-200/218/200		11.4										11.4	11.4	11.4	11.2	10.9	10.6	10.1	9.7	9.2	8.5	7.8	6.9	5.9
KDN 150-200/218		12.9										12.7	12.7	12.6	12.4	12.1	11.7	11.2	10.7	10.2	9.6	8.8	8	7.1
KDN 150-200/224		13.8										13.6	13.6	13.5	13.3	13	12.6	12.2	11.7	11.2	10.6	9.9	9.2	8.2

STANDARDISED CENTRIFUGAL ELECTRIC PUMPS - KDN

SELECTION TABLES

2 POLES = 2900 1/min

MODEL	Q (m³/h)	0	6	12	18	24	30	36	42	48	54
	(l/min)	0	100	200	300	400	500	600	700	800	900
KDN 32-125.1/105	H (m)	13.8	13.6	12.3	9.7						
KDN 32-125.1/110		15.5	15.2	13.9	11.5						
KDN 32-125.1/115		17.1	16.8	15.5	13.2						
KDN 32-125.1/120		18.8	18.5	17.3	15.1						
KDN 32-125.1/125		20.5	20.3	19.1	17						
KDN 32-125.1/130		22.3	22.2	21.3	19						
KDN 32-125.1/135		24.4	24.1	23.3	21.1	17.8					
KDN 32-125.1/140		26.5	26.4	25.6	23.4	20.1					
KDN 32-125/115		17.3		16.5	15.1	12.9					
KDN 32-125/120		19		18.2	17	14.9	11.1				
KDN 32-125/125		20.9		20.1	18.9	16.9	13.5				
KDN 32-125/130		22.9		22	21	19.1	16.2				
KDN 32-125/135		24.9		24	22.1	21.5	18.5	14.7			
KDN 32-125/142		27.8		27	26.1	24.5	21.7	18			
KDN 32-160.1/137		21.5	21.2	19.3							
KDN 32-160.1/145		24.7	24.5	22.3	16.5						
KDN 32-160.1/153		28.3	28	26	20.5						
KDN 32-160.1/161		32	31.8	30	25						
KDN 32-160.1/169		36	35.7	34.4	29.5						
KDN 32-160.1/177		39.5	39.3	38.2	34.5	26					
KDN 32-160/137		23.7		22.6	20.7	17.6					
KDN 32-160/145		27		25.8	23.9	21.2	16.9				
KDN 32-160/153		30.4		29.5	27.7	25.8	21.2				
KDN 32-160/161		34		33	31.7	29.1	25.5				
KDN 32-160/169		38		37.3	36	33.6	35.7	26.5			
KDN 32-160/177		41.8		41.5	40.5	38.4	35.3	31.4			
KDN 32-200.1/170		34.3	34.2	31.9	23.5						
KDN 32-200.1/180		39.4	39.2	36.7	30						
KDN 32-200.1/190		45.3	44.7	41.5	35.5						
KDN 32-200.1/200		51.5	51	47.3	41	35					
KDN 32-200.1/207		55.3	55	51.8	46.4	37					
KDN 32-200/170		34		33	31	27	21				
KDN 32-200/180		39		38.5	36.5	32.5	28				
KDN 32-200/190		45		43.5	42	39	34	28.5			
KDN 32-200/200		51		49	48	45	40.5	35			
KDN 32-200/210		57		56	55	52.5	48.5	43	36		
KDN 32-200/219		63		62	61	59	56.5	52.5	46.5	39.5	

STANDARDISED CENTRIFUGAL ELECTRIC PUMPS - KDN

SELECTION TABLES

2 POLES = 2900 1/min

MODEL	Q (m³/h) (l/min)	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114
		0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900
KDN 40-125/115	H (m)	16.8		13.3	15.6	15	14.3	13.2	12.6	9.8									
KDN 40-125/120		18.5		18	17.5	17	16	15	13.5	11.8									
KDN 40-125/125		20.4		20	19.5	19	18	16.7	15.3	13.5									
KDN 40-125/130		22		21.8	21.5	21	20	19	17.5	15.7	14								
KDN 40-125/135		24.1		24	23.9	23.4	22.5	21.5	20	18.3	16.4								
KDN 40-125/142		26.8		26.6	26.4	26	25.3	24.4	23	21.4	19.4	17							
KDN 40-160/137		23.9			23.8	23	22	20.5	18	15									
KDN 40-160/145		27.5			27.4	27	25.7	24.2	22.1	19.5									
KDN 40-160/153		31.1			31	30.5	29.5	28	26.5	24	21								
KDN 40-160/161		34.5			34.5	34.4	33.7	32.3	30.5	28.5	25.8	22.5							
KDN 40-160/169		38.4			38.4	38.2	38	37	35	33.5	31	28							
KDN 40-160/177		42.6			42.5	42.4	42	41.5	40	38.5	35	33	30						
KDN 40-200/170		33.6			33	32.6	32	30	26.5	22.5									
KDN 40-200/180		38.8			38.5	38	37	35	32.5	29	25								
KDN 40-200/190		43.4			43.1	43	42.7	41	38	35	31.5	27							
KDN 40-200/200		48.7			48.4	48.2	47.5	46.5	44	41.5	38.5	34.5							
KDN 40-200/210		54.3			54.1	54	53.6	53	51	48.5	46	42.5	38						
KDN 40-200/219		60			59.8	59.7	59.4	59	57	55	52.5	49.5	46	40					
KDN 40-250/220		63.1			62.8	62.5	61	59	57	55	52	48							
KDN 40-250/230		69.5			69.3	68.5	67.8	66	63.5	61	58	55	51						
KDN 40-250/240		76.3			76	75.8	75	73	70.5	68	65	62	58.5						
KDN 40-250/250		82.8			82.5	82	81.8	80	78	75.5	72.5	69	66						
KDN 40-250/260		91			90.5	90	89.5	88.5	86.5	84	81	78	74						
KDN 50-125/115		17.1					15.9	15.5	15	14.3	13.6	13	12.2	11.5	10.4	9			
KDN 50-125/120		18.2					17.5	17	16.5	16	15.3	14.7	14	13.2	12	11.2	10		
KDN 50-125/125		19.8					19.4	19	18.5	17.9	17.4	16.6	16	15.1	14	13	11.8		
KDN 50-125/130		21.5					21.1	20.8	20.5	19.8	19.2	18.5	17.8	17	16.5	15.2	14		
KDN 50-125/135		23.2					23	22.6	22.3	21.8	21.2	20.6	19.9	19.3	18.4	17.5	16.3	13.7	
KDN 50-125/139		24.7					24.5	24.3	24	23.5	23	22.4	21.6	20.8	20	19.2	18	15.5	
KDN 50-125/144		25.9					26.5	26.4	26.1	25.6	25.1	24.5	24	23.2	22.3	21.5	20.5	17.8	15
KDN 50-160/137		24.2					23.8	23.7	23.5	22.5	22	21	20.3	19	18	16.8	15		
KDN 50-160/145		27.2					27	26.9	26.6	26.4	25.5	25	23.8	23	21.5	20.5	19		
KDN 50-160/153		30.3					30.3	30.2	30	29.9	29.5	28.5	27.7	26.5	25.5	24.5	23		
KDN 50-160/161		33.8					33.7	33.7	33.6	33.6	33.3	32.5	31.8	31	29.8	28.5	27.5		
KDN 50-160/169		37.7					37.7	37.5	37.5	37.4	37	36.2	35.7	35.5	34.2	33	31.5	29	
KDN 50-160/177		41.6					41.5	41.5	41.3	41.2	41	40.6	40.5	39.5	38.8	38	36.7	33.5	
KDN 50-200/170		37.9					37	36.8	36.4	35	34	32	30	27	25				
KDN 50-200/180		42.5					42	41.7	41.4	40.5	39.5	38	36	34	32	29			
KDN 50-200/190		47.2					46.8	46.6	46	45.7	44.5	43.5	42	40	38	35.5	33		
KDN 50-200/200		52.4					52.2	52	51.5	50.5	49	47.5	46	44.5	42	40			
KDN 50-200/210		58.4					58.4	58.2	58	57.5	56.5	55.5	54	52.5	51	49	46.5	41.5	
KDN 50-200/219		64					64	64	64	63.5	62.5	61.5	60	58.5	57	55	53	48.5	
KDN 50-250/220		63.7					63.3	63.1	63	62	61	59	57.5	55	53	50	46.5	36	
KDN 50-250/230		69.6					69.3	69	68.8	68.5	68	66	64	62	60	57	54	45	
KDN 50-250/240		76					75.8	75.5	75.3	75	74.5	73	71.5	69	67	65	62	55	
KDN 50-250/250		83.2					83	82.9	82.8	83.5	82	80.5	78.5	77	75	72.5	70	64	
KDN 50-250/263		92.1					92	91.8	91.6	91.5	91.3	89.9	88.5	86.5	84.5	82.5	80	75	61

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

STANDARDISED CENTRIFUGAL ELECTRIC PUMPS - KDN

SELECTION TABLES

2 POLES = 2900 1/min

MODEL	Q (m³/h) (l/min)	0	48	54	60	66	72	78	84	90	102	114	120	150	180	210	240	270	300	330	360	390	420
		0	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000
KDN 65-125/120/110	H (m)	16	14.4	14	13.6	13.1	12.8	12.2	11.9	11.4	10.2	8.7	8										
KDN 65-125/120		17.8	16	15.8	15.3	14.9	14.4	13.9	13.4	13	11.5	10.3	9.4										
KDN 65-125/125		19.4	17.8	17.5	17.1	16.8	16.4	16	15.4	15	13.5	12.2	11.4										
KDN 65-125/130		21	19.6	19.5	19.1	18.9	18.5	18	17.5	17	15.7	14.2	13.2										
KDN 65-125/135		22.6	21.8	21.5	21.3	21	20.5	20.1	19.6	19.2	18	16.5	15.6										
KDN 65-125/140		24	23.6	23.6	23.4	23	22.8	22.3	22	21.4	20.3	18.9	18	13.8									
KDN 65-125/144		25.6	25.5	25.4	25.2	25	24.6	24.3	24	23.4	22.5	21.1	20.2	16									
KDN 65-160/137		23.1	22.4	22	21.7	21.3	20.5	19.7	19	18	16												
KDN 65-160/145		26.2	25.7	25.5	25	24.6	24	23.5	22.7	22	20	17.8	16.5										
KDN 65-160/153		29.1	28.8	28.5	28.6	28.5	28	27.5	26.6	26	24	22	21										
KDN 65-160/161		32.6	32.5	32.4	32.3	32	31.7	31.3	30.5	30	28.5	26.5	25.5										
KDN 65-160/169		36.4	36.3	36.2	36.1	36	35.7	35.3	34.7	34	32.7	31	30										
KDN 65-160/177		40.1	39.9	39.8	39.7	40	39.8	39.5	39	38.5	37.2	35.5	34.7	28.5									
KDN 65-200/170		37.2	36.8	36.7	36.6	36.5	36	35	34	32.5	30	27	25										
KDN 65-200/180		41.7	41.4	41.3	41.2	41.1	41	40.5	40	39	36.5	34	32										
KDN 65-200/190		48.3	48.2	48.1	48	47.9	47.5	47	41	45	43	40.5	39										
KDN 65-200/200		53.2	53.1	52.9	52.8	52.7	52.5	52.3	52	51.8	50	48	46.5										
KDN 65-200/210		59.2	59.1	59	58.9	58.8	58.7	58.5	58.2	58	56.5	54.5	53.5										
KDN 65-200/219		64.9	64.9	64.8	64.5	64.3	64.1	64	63.8	62.5	62.4	61	60	52.5									
KDN 65-250/220		63.2	62.8	62.5	62	61	60	59.5	58	57	54	50.5	48										
KDN 65-250/230		69.5	69.5	69	68.5	68	67	66	65	64	63	58.5	56.5										
KDN 65-250/240		76	75.7	75.5	75	75	74	73	72	71	69	66	64										
KDN 65-250/250		83	82.3	82.3	82.2	82	81.5	81	80	79	76.5	73.5	72	60									
KDN 65-250/263		92.6	91.8	91.8	91.7	91.5	91.5	91	90	89.5	87.5	85	83	72.5									
KDN 65-315/260		92.8				92.7	91.9	90.9	89.7	88.5	85.5	81.9	79.9	67.8									
KDN 65-315/275		105				104.5	103.9	103.1	102.1	101.1	98.5	95.5	93.8	83.3	69.5								
KDN 65-315/290		117.1				117.0	116.5	115.9	115.1	114.3	112.2	109.7	108.3	99.4	87.6								
KDN 65-315/305		130				129.5	129.2	128.7	128.0	127.3	125.5	123.2	121.9	113.8	103.0	89.6							
KDN 65-315/320		143				142.9	142.6	142.1	171.6	140.9	139.3	137.3	136.2	128.9	119.1	106.8	92.0						
KDN 80-160/147/127		23								21.5	20.7	20	19.5	17	14.5	11.8	8.8						
KDN 80-160/153/136		25.6								24.5	23.8	23	22.5	20.2	17.5	15	11.8						
KDN 80-160/153		29.3								28	27.3	26.5	26	23.5	20.7	16.5	14.5						
KDN 80-160/161		32.8								32	31.5	30.5	30	27.8	25	21.5	18.5						
KDN 80-160/169		36.5								35.7	35.2	34.5	34.2	32	29.5	26.5	22.6	18.5					
KDN 80-160/177		40								39.5	39.2	38.7	38.5	37	34.8	31.8	27.8	23					
KDN 80-200/170		36.6								35.7	35.5	34.5	34	31	27	21.5							
KDN 80-200/180		41								40.6	40.5	40	39.5	37	33	27.5							
KDN 80-200/190		45.7								45.4	45	44.5	44	42	29	34							
KDN 80-200/200		50.8								50.4	50.2	50	49.6	49	46.5	41	35						
KDN 80-200/210		56.3								55.9	55.8	55.7	55.6	54.8	52	48	43						
KDN 80-200/222		63.6								63.4	63.3	63.2	63.1	63	60	56.5	51.5	45					
KDN 80-250/220		62.6								62.5	62.4	62	61.8	60	55.5	49							
KDN 80-250/230		68.3								68.2	68.1	67.9	67.9	67	63	57	50						
KDN 80-250/240		75.5								75.4	75.3	75.2	75	74.5	71	66.5	58.5						
KDN 80-250/250		82.5								82.3	82	81.9	81.7	82	78.5	74	67.5	60.5					
KDN 80-250/260		90								89.7	89.6	86.5	89.3	89	86.5	82	77	70	61.5				
KDN 80-250/270		97.9								97.8	97.5	91.3	97	96.3	94	89	84	77	69				
KDN 80-315/275		106								106.1	105.3	104.3	103.7	99.4	93.4	85.6	76.0						
KDN 80-315/290		118								118.4	117.8	117.1	116.6	113.2	108.2	101.5	93.2	83.4					
KDN 100-200/180		40.4												40	38	36	33	30.5	28	25			
KDN 100-200/190		46.5												45	44	42	39	37	34.5	31	28		
KDN 100-200/200		51.5												51	50	48.5	46	44	42	39	35	31.5	
KDN 100-200/210		57.5												57	56	55	53	51	49	46	43	39	36
KDN 100-200/219		64												62.5	62	61	60	58	56	53	50	47	43
KDN 100-250/220		61.1												60	59.5	57	54	50.5	46.5	42			
KDN 100-250/230		67.4												66.9	66.5	64	61	58	54	49	44		
KDN 100-250/240		73.5												72.9	71	70.5	69	66	63	58.5	53		
KDN 100-250/250		79.7												79.5	79	78.8	77	74	71	67	62.5		
KDN 100-250/260		88.6												88.2	88.1	88	86	83	79.5	76	71.5	66	



HYDRAULICS

MODEL	CODE	PRICE €	DNA	DNM	WEIGHT kg
KDN 32-125.1	1D1K11000	1.747	50	32	37
KDN 32-125	1D1111000	1.761	50	32	36
KDN 32-160.1	1D1L11000	1.832	50	32	38
KDN 32-160	1D1211000	1.847	50	32	38
KDN 32-200.1	1D1M11000	1.951	50	32	46
KDN 32-200	1D1311000	1.961	50	32	46
KDN 40-125	1D2111000	1.867	65	40	39
KDN 40-160	1D2211000	1.952	65	40	41
KDN 40-200	1D2311000	2.034	65	40	49
KDN 40-250	1D2411000	2.201	65	40	57
KDN 50-125	1D3111000	1.960	65	50	42
KDN 50-160	1D3211000	2.018	65	50	44
KDN 50-200	1D3311000	2.084	65	50	51
KDN 50-250	1D3411000	2.259	65	50	59
KDN 65-125	1D4111000	2.039	80	65	46
KDN 65-160	1D4211000	2.070	80	65	47
KDN 65-200	1D4311000	2.226	80	65	66
KDN 65-250	1D4411000	2.870	80	65	93
KDN 65-315	1D4511000	3.440	80	65	112
KDN 80-160	1D5211000	2.261	100	80	55
KDN 80-200	1D5311000	2.642	100	80	84
KDN 80-250	1D5411000	3.239	100	80	104
KDN 80-315	1D5511000	3.695	100	80	122
KDN 100-200	1D6311000	3.069	125	100	96
KDN 100-250	1D6411000	3.456	125	100	111
KDN 100-315	1D6511000	4.023	125	100	126
KDN 125-250	1D7411000	3.946	150	125	135
KDN 150-200	1D8311000	5.152	200	150	178

CAST IRON IMPELLER



Price excludes counterflanges.

MODEL	CODE	PRICE €	DNA	DNM	WEIGHT kg
KDN 32-125.1	1D1K21000	1.879	50	32	37
KDN 32-125	1D1121000	1.896	50	32	37
KDN 32-160.1	1D1L21000	2.101	50	32	38
KDN 32-160	1D1221000	2.116	50	32	38
KDN 32-200.1	1D1M21000	2.274	50	32	38
KDN 32-200	1D1321000	2.285	50	32	48
KDN 40-125	1D2121000	2.034	65	40	40
KDN 40-160	1D2221000	2.228	65	40	41
KDN 40-200	1D2321000	2.364	65	40	52
KDN 40-250	1D2421000	2.676	65	40	58
KDN 50-125	1D3121000	2.140	65	50	42
KDN 50-160	1D3221000	2.312	65	50	44
KDN 50-200	1D3321000	2.448	65	50	52
KDN 50-250	1D3421000	2.752	65	50	60
KDN 65-125	1D4121000	2.234	80	65	47
KDN 65-160	1D4221000	2.397	80	65	49
KDN 65-200	1D4321000	2.627	80	65	58
KDN 65-250	1D4421000	3.507	80	65	99
KDN 65-315	1D4521000	4.242	80	65	114
KDN 80-160	1D5221000	2.613	100	80	57
KDN 80-200	1D5321000	3.069	100	80	82
KDN 80-250	1D5421000	3.906	100	80	107
KDN 80-315	1D5521000	4.524	100	80	124
KDN 100-200	1D6321000	3.563	125	100	98
KDN 100-250	1D6421000	4.168	125	100	115
KDN 100-315	1D6521000	4.890	125	100	133
KDN 125-250	1D7421000	4.752	150	125	133
KDN 150-200	1D8321000	5.748	200	150	178

BRONZE IMPELLER



Price excludes counterflanges.



SPECIAL VERSIONS

MODEL	PRICE * € BQGE SEAL (1)	PRICE * € BQQV SEAL (2)	PRICE * € BAQV SEAL (3)
KDN 32-125.1	71	71	36
KDN 32-125	71	71	36
KDN 32-160.1	71	71	36
KDN 32-160	71	71	36
KDN 32-200.1	71	71	36
KDN 32-200	71	71	36
KDN 40-125	71	71	36
KDN 40-160	71	71	36
KDN 40-200	71	71	36
KDN 40-250	71	71	36
KDN 50-125	71	71	36
KDN 50-160	71	71	36
KDN 50-200	71	71	36
KDN 50-250	71	71	36
KDN 65-125	71	71	36
KDN 65-160	71	71	36
KDN 65-200	71	71	36
KDN 65-250	78	78	38
KDN 65-315	78	78	38
KDN 80-160	71	71	36
KDN 80-200	78	78	38
KDN 80-250	78	78	38
KDN 80-315	78	78	38
KDN 100-200	78	78	38
KDN 100-250	78	78	38
KDN 100-315	78	78	38
KDN 125-250	78	78	38
KDN 150-200	78	78	38

* Price to be added to the list price for standard version electric pumps with bronze impeller.

SPECIAL MECHANICAL SEALS

- (1) **Technical catalogue reference** / Seal "Version BQGE" = seal with rubber bellow: Silicon carbide / Silicon carbide / EPDM
 (2) **Technical catalogue reference** / Seal "Version BQQV" = with rubber bellow: Silicon carbide / Silicon carbide / Viton
 (3) **Technical catalogue reference** / Seal "Version BAQV" = with rubber bellow: Carbon / Silicon carbide / Viton

SPECIAL VERSIONS

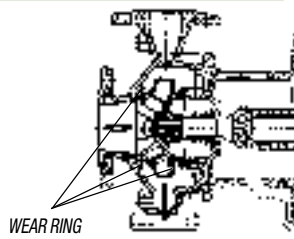
MODEL	PRICE * €
KDN 32-125.1	200
KDN 32-125	200
KDN 32-160.1	200
KDN 32-160	200
KDN 32-200.1	200
KDN 32-200	200
KDN 40-125	269
KDN 40-160	269
KDN 40-200	269
KDN 40-250	269
KDN 50-125	269
KDN 50-160	269
KDN 50-200	269
KDN 50-250	269
KDN 65-125	349
KDN 65-160	349
KDN 65-200	349
KDN 65-250	349
KDN 65-315	349
KDN 80-160	399
KDN 80-200	399
KDN 80-250	399
KDN 80-315	399
KDN 100-200	468
KDN 100-250	468
KDN 100-315	468
KDN 125-250	468
KDN 150-200	633

* Price to be added to the list price for standard version electric pumps with bronze impeller.

CATAPHORESIS COATING FOR PARTS IN CONTACT WITH LIQUID FOR VERSIONS WITH BRONZE IMPELLER



SPECIAL VERSIONS

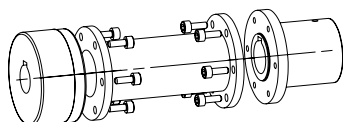


WITH WEAR RINGS

MODEL	PRICE * €
KDN 150-200**	362

* Price to be added to the list price for standard version electric pumps with bronze impeller.

** Only KDN 150-200 is available with wear rings.



WITH SPACER COUPLING

MODEL	PRICE * €
KDN 32-125.1	653
KDN 32-125	653
KDN 32-160.1	653
KDN 32-160	653
KDN 32-200.1	653
KDN 32-200	653
KDN 40-125	653
KDN 40-160	653
KDN 40-200	653
KDN 40-250	653
KDN 50-125	653
KDN 50-160	653
KDN 50-200	653
KDN 50-250	653

MODEL	PRICE * €
KDN 65/125	653
KDN 65-160	653
KDN 65-200	653
KDN 65-250	1.031
KDN 65-315	1.031
KDN 80-160	653
KDN 80-200	1.031
KDN 80-250	1.031
KDN 80-315	1.031
KDN 100-200	1.031
KDN 100-250	1.031
KDN 100-315	1.031
KDN 125-250	1.031
KDN 150-200	1.031

KDN OVERSIZE

STANDARDISED CENTRIFUGAL ELECTRIC PUMPS



End suction centrifugal electric pumps with coupling designed for a wide range of applications, such as:

- Central heating;
- Water supply;
- Air conditioning;
- Refrigeration;
- Industry;
- Firefighting;
- Environmental engineering.

Single-stage, non-self-priming, spiral-body centrifugal pump with axial suction port, radial delivery port and horizontal shaft components. KDN pumps have nominal dimensions and performance PN 16. The suction and discharge flanges are to EN 7005 standard PN 10 or 16. All pumps are dynamically balanced according to ISO 1940 class 6.3 and the impellers are hydraulically balanced.

Pump and motor are installed on a single base frame in accordance with EN 23 661 and made of fully welded steel.

Oversize pumps are equipped with a base with welded steel profiles.

Due to the special design of the pump, the bearings, impeller and seal can be removed without removing the pump body from the pipes (back-pull-out design).

Flow rate max 3200 m³/h.

Head max 158 m.

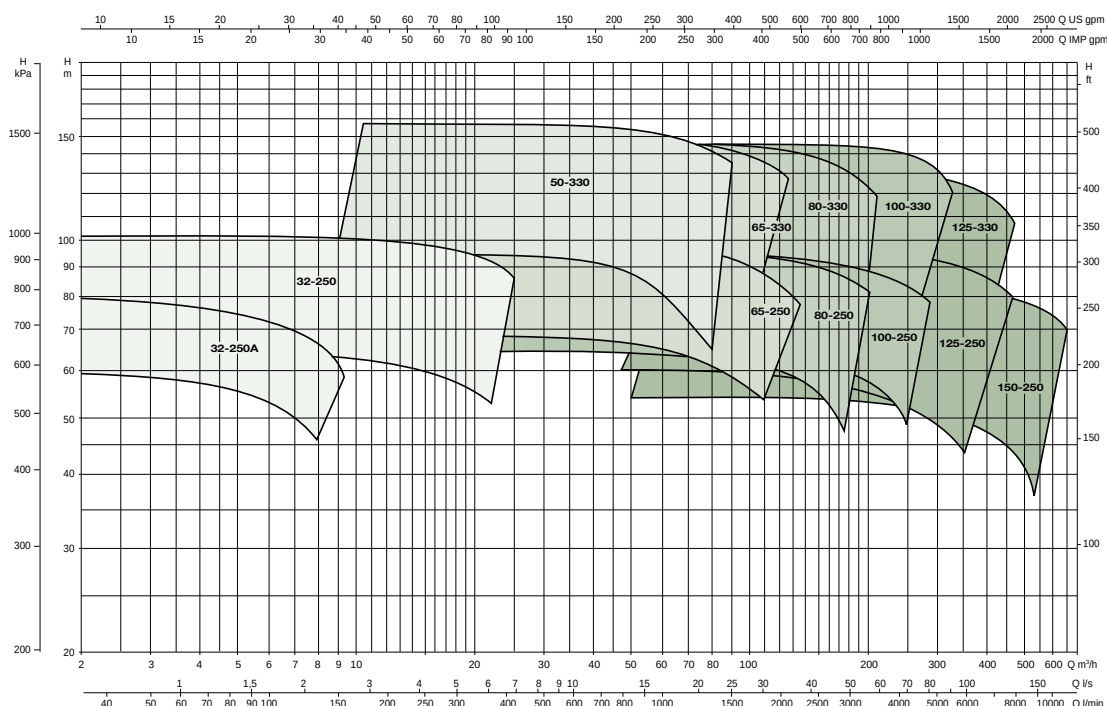
Liquid temperature -10 °C to +120 °C.

Working pressure max 10 or 16 bar.

Suction pressure max 9 bar. max 7 bar for impellers of 400 mm or more

Complete electric pump or hydraulic part only available - Please contact our sales network for a quote

KDN OVERSIZE - 2 POLES - STANDARDISED BASE-MOUNTED CENTRIFUGES



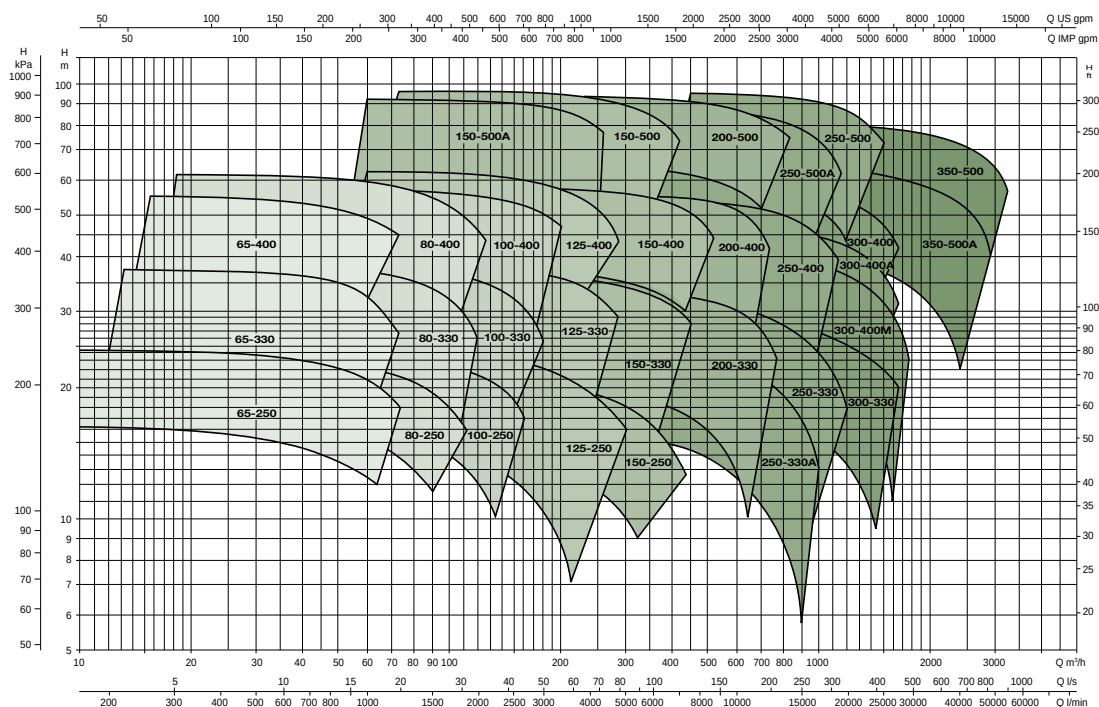
= 2900 1/min

KDN OVERSIZE

STANDARDISED CENTRIFUGAL ELECTRIC PUMPS

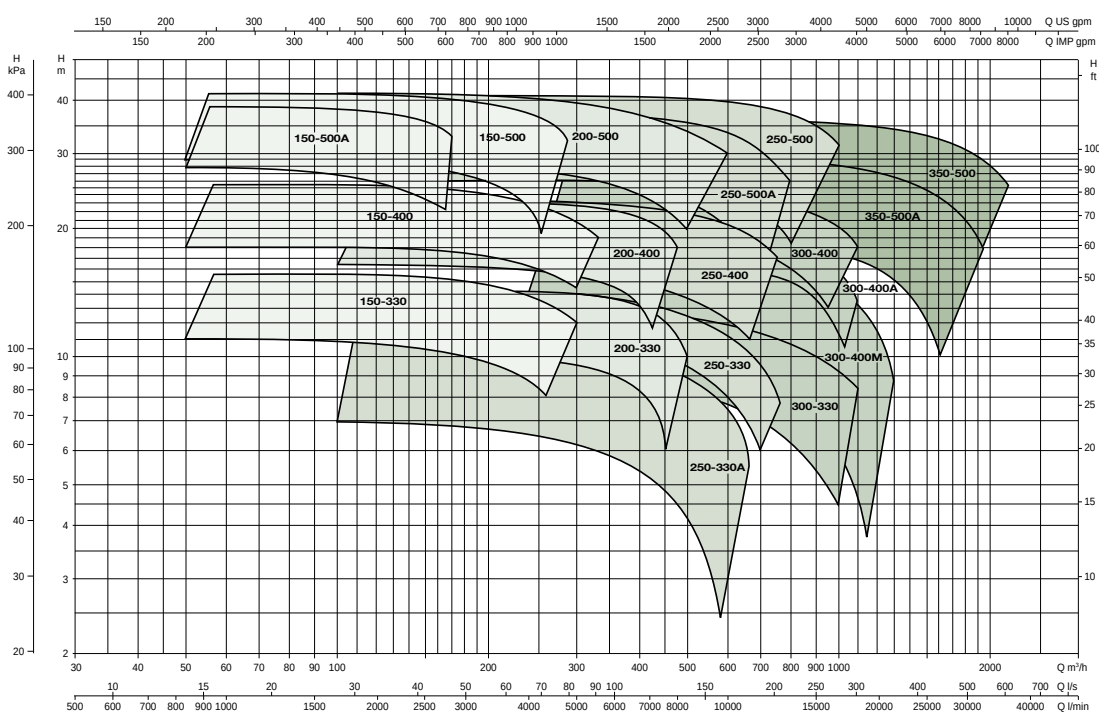


KDN OVERSIZE - 4 POLES - STANDARDISED BASE-MOUNTED CENTRIFUGES



= 1450 1/min

KDN OVERSIZE - 6 POLES - STANDARDISED BASE-MOUNTED CENTRIFUGES



= 970 1/min

KVCE 30, 50, 80, 120 - MCE-P

VERTICAL SHAFT MULTISTAGE PUMPS WITH MCE-P VARIABLE FREQUENCY DRIVE



Vertical multistage centrifugal pump suitable for small and medium-sized water systems.

Particularly versatile thanks to the use of the **MCE-P variable frequency drive**, it guarantees performance that can automatically adapt to different system requirements while maintaining constant pressure.

Pressure sensor supplied as standard.

Suitable for booster sets, sprinkler and spurting irrigation systems, washing systems.

Innovative and robust design.

Technopolymer pressure/suction body with IN-LINE suction and delivery ports with threaded metal insert.

Technopolymer impellers, diffuser bodies and diffusers, fully rust-proof.

Pump liner, shim rings and seal cover disk in AISI 304 stainless steel.

Carbon/ceramic mechanical seal mounted on motor shaft extension in AISI 303 stainless steel.

Asynchronous, enclosed and cooled by external ventilation.

Motor shaft mounted on ball bearings greased for life and oversized to ensure low noise and durability.

Built to CEI 2-3/CEI 61-69 standards (EN 60335-2-41).

Protection degree IP55.

Insulation class F.

Standard voltage

Single-phase 1x230 V / 50-60 Hz.

Three-phase 3x400 V / 50 Hz.

Operating range

1 To 12 m³/h with head up to 110 metres.

Pumped liquid

Clean, free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral, similar to the characteristics of water.

Liquid temperature range

0°C to +35°C for domestic use

(EN 60335-2-41 safety standards).

0°C to +40°C for other uses.

Maximum ambient temperature +40°C.

Maximum working pressure

12 bar (1200 kPa).

Installation fixed, in a vertical position.



MCE-P
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KVCE 30, 50, 80, 120 - MCE-P - FOR PRESSURIZATION SYSTEMS

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA																		DNA GAS	DNM GAS	H mm	WEIGH KG	
			POWER SUPPLY 50 Hz	P2 NOMIN.		In A	Q=m³/h	0	0.6	1.2	1.8	2.4	3	3.3	3.9	4.8	5.4	6	7.2	8.4	9	9.6	10.8	12					
				kW	HP		Q=l/min	0	10	20	30	40	50	55	65	80	90	100	120	140	150	160	180	200					
KVCE 45-30 M MCE11/P	60183658	2.692	1x230V	0.65	0.88	8.4	H(m)	49.7	48.7	46.5	43.1	38.4	32.1	28.5	19.6										1"¼	1"¼	560	19.9	
KVCE 50-30 M MCE11/P	60183659	2.834	1x230V	0.75	1	9.6		61.5	59.9	56.8	52.2	46	38	33.5	22.7											1"¼	1"¼	652	22.5
KVCE 60-30 M MCE11/P	60183660	2.866	1x230V	0.9	1.2	10.7		69.6	67.6	64	58.5	51.1	41.8	36.2	23.8											1"¼	1"¼	652	22.3
KVCE 65-30 M MCE11/P	60183661	2.903	1x230V	1	1.36	11.6		78.4	76.8	73.5	68.4	61.2	51.9	46	33.3											1"¼	1"¼	679	23.9
KVCE 30-50 M MCE11/P	60144871	2.675	1x230V	0.55	0.75	8.51		41.1	40.3	39	37.3	34.7	31.6	29.7	25.3	17.1										1"¼	1"¼	506	19.1
KVCE 40-50 M MCE11/P	60144872	2.768	1x230V	0.8	1.1	10.2		54.9	53.7	52	49.7	46.3	42.1	39.6	33.7	22.9										1"¼	1"¼	562	22.4
KVCE 55-50 M MCE11/P	60144873	2.804	1x230V	1	1.4	12		68.6	67.1	65	62.1	57.9	52.7	49.5	42.1	28.6										1"¼	1"¼	562	22.4
KVCE 65-50 M MCE11/P	60201913	3.484	1x230V	1.1	1.5	14.6		82.3	80.6	78	74.6	69.4	63.2	59.4	50.6	34.3										1"¼	1"¼	655	26.4
KVCE 30-80 M MCE11/P	60183754	2.777	1x230V	0.9	1.2	10.2		36.9	36.9	36.6	36.1	35.3	34.3	33.6	32.2	29.5	27.8	25.5	20.3	14.2	10.7					1"¼	1"¼	505	18.7
KVCE 40-80 M MCE11/P	60183745	2.813	1x230V	1	1.36	12.4		50.1	49.7	49	48	46.7	45.1	44.2	42	38.5	35.7	32.5	25.5	17.1	12.5					1"¼	1"¼	560	23
KVCE 45-80 M MCE15/P	60201923	3.500	1x230V	1.5	2	15.5		64.6	64.5	63.9	63	61.7	60	59	56.7	52.5	49.3	45	37.1	26.8	21.1					1"¼	1"¼	634	23
KVCE 35-120 M MCE11/P	60201915	3.410	1x230V	1.1	1.5	16		46.2	46.1	45.7	45.3	44.8	44	43.7	42.7	40.9	39.3	37.4	33.7	29.4	26.8	24.2	18	11	1"¼	1"¼	505	23.8	
KVCE 45-120 M MCE22/P	60201916	3.972	1x230V	1.84	2.5	19.5		62.4	62	61.4	60.8	60.1	59.1	58.6	57.5	55.3	53.4	51.4	46.2	40.6	37.5	34	26.3	17	1"¼	1"¼	635	29	
KVCE 60-120 T MCE30/P	60201917	4.555	3x400V	2.2	3	6.91		78	77.5	76.7	75.9	75.1	73.9	73.3	71.5	68.3	65.9	63.2	58	51	47	43.4	35	24.5	1"¼	1"¼	635	27.1	
KVCE 70-120 T MCE30/P	60201918	4.617	3x400V	2.2	3	8.26		95	94.3	93.4	92.5	91.4	89.8	88.9	86.8	83.2	80.5	77.9	71.7	63.9	59.2	54.7	44	31	1"¼	1"¼	730	30.8	
KVCE 85-120 T MCE30/P	60201929	4.680	3x400V	2.2	3	9.18	112.7	111.6	110.3	109	107.6	105.7	104.5	101.9	97.5	94.1	89.9	81.6	72.1	66.7	61.2	48.9	34	1"¼	1"¼	730	30.8		

KVC, KVCX

VERTICAL MULTISTAGE CENTRIFUGAL ELECTRIC PUMPS WITH INTEGRAL SHAFT



KVC



KVCX

Vertical multistage centrifugal pump suitable for small and medium-sized water systems.

Suitable for booster sets, autoclave supply, sprinkler and spurting irrigation systems, firefighting and washing systems, condensate and cooling water conveyance.

Innovative and robust design.

Technopolymer pressure/suction body with IN-LINE suction and delivery ports with threaded metal insert.

Technopolymer impellers, diffuser bodies and diffusers, fully rust-proof.

Pump liner, shim rings and seal cover disk in AISI 304 stainless steel.

Silicon carbide/carbon mechanical seal mounted on motor shaft extension in AISI 303 stainless steel.

Asynchronous motor, enclosed and cooled by external ventilation.

Rotor mounted on ball bearings greased for life and oversized to ensure low noise and durability.

Built-in thermo-amperometric protection and permanently inserted capacitor in single-phase version.

In the three-phase version, protection is the responsibility of the user. Built to CEI 2-3/CEI 61-69 standards (EN 60335-2-41).

Protection degree IP55.

Insulation class F.

Standard voltage

Single-phase 220-240 V / 50 Hz.

Three-phase 230-400 V / 50 Hz.

Operating range 50 to 200 L/min with head up to 113 metres.

Pumped liquid clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral, similar to the characteristics of water.

Liquid temperature range

0°C to +35°C for domestic use (EN 60335-2-41 safety standards).

0°C to +40°C for other uses.

Maximum ambient temperature +40°C.

Maximum working pressure 12 bar (1200 kPa).

Special designs on request

other voltages and/or frequencies.

THREE-PHASE MOTORS	P2	< 0.75 kW	IE2
		≥ 0.75 kW < 75 kW	IE3
		≥ 75 kW	IE4

SINGLE-PHASE MOTORS	P2	≥ 120 W	IE2



ACCESSORIES
PAGE 277

KVC

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA												DNA GAS	DNM GAS	H mm	WEIGH KG
			POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOMINAL		In A	Q=m³/h	0	0.6	1.2	1.8	2.4	3	3.3	3.9	4.8						
					kW	HP		Q=l/min	0	10	20	30	40	50	55	65	80						
KVC45-30 T	60204216	685	3x230-400V~	0.93	0.75	1	3,3-1,9	H(m)	47.1	45.9	43.5	39.8	34.7	28	24	14.7		1"¼	1"¼	560	14.9		
KVC50-30 T	60183599	808	3x230-400V~	1.08	0.75	1	3,5-2		61.5	59.9	56.8	52.2	46	38	33.5	22.7		1"¼	1"¼	652	17.5		
KVC60-30 T	60183600	837	3x230-400V~	1.22	0.8	1.1	3,8-2,2		69.6	67.6	64	58.5	51.1	41.8	36.2	23.8		1"¼	1"¼	652	17.3		
KVC65-30 T	60183601	877	3x230-400V~	1.38	1	1.36	4,3-2,5		78.4	76.8	73.5	68.4	61.2	51.9	46	33.3		1"¼	1"¼	679	18.5		
KVC30-50 M	60212496	676	1x230V	0.93	0.75	1	4.1		41.1	40.3	39	37.3	34.7	31.6	29.7	25.3	17.1	1"¼	1"¼	478	13.7		
KVC40-50 M	60212497	718	1x230V	1.25	0.85	1.15	5.5		54.9	53.7	52	49.7	46.3	42.1	39.6	33.7	22.9	1"¼	1"¼	505	15.8		
KVC40-50 T	60179400	739	3x230-400V~	1.2	0.8	1.1	3,8-2,2		54.9	53.7	52	49.7	46.3	42.1	39.6	33.7	22.9	1"¼	1"¼	505	15.8		
KVC55-50 M	60212495	750	1x230V	1.5	0.85	1.15	6.6		68.6	67.1	65	62.1	57.9	52.7	49.5	42.1	28.6	1"¼	1"¼	533	17		
KVC55-50 T	60179398	778	3x230-400V~	1.5	1	1.36	4,4-2,6		68.6	67.1	65	62.1	57.9	52.7	49.5	42.1	28.6	1"¼	1"¼	533	17		
KVC65-50 M	60211873	915	1x230V	2	1.4	1.9	8.9		82.3	80.6	78	74.6	69.4	63.2	59.4	50.6	34.3	1"¼	1"¼	600	20.2		
KVC65-50 T	60179914	931	3x230-400V~	1.9	1.1	1.5	7,0-4		82.3	80.6	78	74.6	69.4	63.2	59.4	50.6	34.3	1"¼	1"¼	600	19.8		
KVC75-50 M	60211874	946	1x230V	2.26	1.4	1.9	10		96	94	91	87	81	73.8	69.3	59	40	1"¼	1"¼	627	21.2		
KVC75-50 T	60179915	966	3x230-400V~	2.1	1.5	2	7,7-4,3		96	94	91	87	81	73.8	69.3	59	40	1"¼	1"¼	627	20.6		

KVC, KVCX

VERTICAL MULTISTAGE CENTRIFUGAL ELECTRIC PUMPS WITH INTEGRAL SHAFT



KVC

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA																				DNA GAS	DNM GAS	H mm	WEIGH KG
			POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOM.		In A	Q=m³/h	0	0.6	1.2	1.8	2.4	3	3.3	3.9	4.8	5.4	6	7.2	8.4	9	9.6	10.8	12						
					KW	HP		Q=l/min	0	10	20	30	40	50	55	65	80	90	100	120	140	150	160	180	200						
KVC 20-80 M	60212454	682	1x230V	0.84	0.75	1	3.7	H (m)	25	24.8	24.4	23.8	23.1	22.3	21.5	20.5	19	17.3	16	11.9	7.4	4.8				G1"¼	G1"¼	505	14.7		
KVC 30-80 M	60212452	725	1x230V	1.22	0.85	1.15	5.4		36.9	36.9	36.6	36.1	35.3	34.3	33.6	32.2	29.5	27.8	25.5	20.3	14.2	10.7				G1"¼	G1"¼	505	13.7		
KVC 30-80 T	60183411	742	3x230 - 400V ~	1.17	1	1.36	3,8-2,2		36.9	36.9	36.6	36.1	35.3	34.3	33.6	32.2	29.5	27.8	25.5	20.3	14.2	10.7				G1"¼	G1"¼	505	13.9		
KVC 40-80 M	60211586	758	1x230V	1.63	1.1	1.5	7.3		50.1	49.7	49	48	46.7	45.1	44.2	42	38.5	35.7	32.5	25.5	17.1	12.5				G1"¼	G1"¼	560	18		
KVC 40-80 T	60183804	775	3x230 - 400V ~	1.49	1.1	1.5	4,5-2,6		50.1	49.7	49	48	46.7	45.1	44.2	42	38.5	35.7	32.5	25.5	17.1	12.5				G1"¼	G1"¼	560	17.6		
KVC 45-80 M	60211892	927	1x230V	2.11	1.8	2.5	9.4		64.6	64.5	63.9	63	61.7	60	59	56.7	52.5	49.3	45	37.1	26.8	21.1				G1"¼	G1"¼	634	18		
KVC 45-80 T	60183805	949	3x230 - 400V ~	1.93	1.5	2	6-3,4		64.6	64.5	63.9	63	61.7	60	59	56.7	52.5	49.3	45	37.1	26.8	21.1				G1"¼	G1"¼	634	17.6		
KVC 55-80 M	60211893	960	1x230V	2.45	1.8	2.5	10.8		76.1	75.8	75.1	73.9	72.2	70	68.5	66	60.5	56.7	52	41.8	29.5	22.7				G1"¼	G1"¼	727	22		
KVC 55-80 T	60183806	977	3x230 - 400V ~	2.28	1.8	2.5	6,8-3,9		76.1	75.8	75.1	73.9	72.2	70	68.5	66	60.5	56.7	52	41.8	29.5	22.7				G1"¼	G1"¼	727	22.1		
KVC 65-80 T	60183807	1.023	3x230 - 400V ~	2.66	2.2	3	7,7-4,4		88.6	88	86.9	85.5	83.5	81.2	80	76.5	71	67	62	51.1	37.9	30.5				G1"¼	G1"¼	727	22.1		
KVC 25-120 T	60179878	767	3x230 - 400V ~	1.4	1	1.36	5-2,9		30.4	30.3	30.2	30	29.9	29.6	29.3	28.7	27.7	26.9	25.9	23.2	19.9	18.2	16.4	12	7	G1"¼	G1"¼	450	17.1		
KVC 35-120 M	60211582	843	1x230V	1.98	1.1	1.5	8.8		46.2	46.1	45.7	45.3	44.8	44	43.7	42.7	40.9	39.3	37.4	33.7	29.4	26.8	24.2	18	11	G1"¼	G1"¼	480	20.1		
KVC 35-120 T	60179872	858	3x230 - 400V ~	2	1.1	1.5	6,4-3,7		46.2	46.1	45.7	45.3	44.8	44	43.7	42.7	40.9	39.3	37.4	33.7	29.4	26.8	24.2	18	11	G1"¼	G1"¼	480	20.2		
KVC 45-120 M	60211923	1.046	1x230V	2.83	1.8	2.5	13.4		62.4	62	61.4	60.8	60.1	59.1	58.6	57.5	55.3	53.4	51.4	46.2	40.6	37.5	34	26.3	17	G1"¼	G1"¼	507	20.2		
KVC 45-120 T	60179863	1.065	3x230 - 400V ~	2.6	1.8	2.5	7,6-4,4		62.4	62	61.4	60.8	60.1	59.1	58.6	57.5	55.3	53.4	51.4	46.2	40.6	37.5	34	26.3	17	G1"¼	G1"¼	507	21.9		
KVC 60-120 T	60179867	1.094	3x230 - 400V ~	3.1	2.2	3	9-5,2		78	77.5	76.7	75.9	75.1	73.9	73.3	71.5	68.3	65.9	63.2	58	51	47	43.4	35	24.5	G1"¼	G1"¼	610	21.6		
KVC 70-120 T	60179876	1.162	3x230 - 400V ~	3.8	3	4	10,9-6,3		95	94.3	93.4	92.5	91.4	89.8	88.9	86.8	83.2	80.5	77.9	71.7	63.9	59.2	54.7	44	31	G1"¼	G1"¼	675	24		
KVC 85-120 T	60179865	1.223	3x230 - 400V ~	4.2	3	4	12,3-7,1		112.7	111.6	110.3	109	107.6	105.7	104.5	101.9	97.5	94.1	89.9	81.6	72.1	66.7	61.2	48.9	34	G1"¼	G1"¼	702	25		

KVCX

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA										DNA GAS	DNM GAS	H mm	WEIGH KG
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A	Q=m³/h	0	0.6	1.2	1.8	2.4	3	3.3	3.9	4.8				
				kW	HP		Q=l/min	0	10	20	30	40	50	55	65	80				
KVCX 50-30 T	60183588	808	3x230 - 400V ~	0.75	1	3,5-2	H (m)	61.5	59.9	56.8	52.2	46	38	33.5	22.7		1"¼	1"¼	652	17.5
KVCX 60-30 T	60183589	837	3x230 - 400V ~	0.9	1.2	3,8-2,2		69.6	67.6	64	58.5	51.1	41.8	36.2	23.8		1"¼	1"¼	652	17.3

KVC, KVCX

VERTICAL MULTISTAGE CENTRIFUGAL ELECTRIC PUMPS WITH INTEGRAL SHAFT



KVCX

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA																						DNA GAS	DNM GAS	H mm	WEIGH KG
			POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOM.		In A	Q=m³/h	0	0.6	1.2	1.8	2.4	3	3.3	3.9	4.8	5.4	6	7.2	8.4	9	9.6	10.8	12								
					Q=l/min	0		10	20	30	40	50	55	65	80	90	100	120	140	150	160	180	200										
KVCX 40-50 M	60212498	718	1x230V	1.25	0.85	1.15	5.5	H (m)	54.9	53.7	52	49.7	46.3	42.1	39.6	33.7	22.9										1"¼	1"¼	505	15.8			
KVCX 40-50 T	60179402	739	3x230 - 400V ~	1.2	0.8	1.1	4,1-2,4		54.9	53.7	52	49.7	46.3	42.1	39.6	33.7	22.9										1"¼	1"¼	505	15.8			
KVCX 55-50 M	60212499	750	1x230V	1.5	0.85	1.15	6.6		68.6	67.1	65	62.1	57.9	52.7	49.5	42.1	28.6										1"¼	1"¼	533	17			
KVCX 55-50 T	60179403	778	3x230 - 400V ~	1.5	1	1.36	4,7-2,7		68.6	67.1	65	62.1	57.9	52.7	49.5	42.1	28.6										1"¼	1"¼	533	17			
KVCX 65-50 M	60211875	915	1x230V	2	1.4	1.9	8.9		82.3	80.6	78	74.6	69.4	63.2	59.4	50.6	34.3										1"¼	1"¼	600	20.2			
KVCX 65-50 T	60179919	931	3x230 - 400V ~	1.9	1.1	1.5	5,9-3,4		82.3	80.6	78	74.6	69.4	63.2	59.4	50.6	34.3										1"¼	1"¼	600	19.8			
KVCX 75-50 M	60211876	946	1x230V	2.26	1.4	1.9	10		96	94	91	87	81	73.8	69.3	59	40										1"¼	1"¼	627	21.2			
KVCX 75-50 T	60179917	966	3x230 - 400V ~	2.1	1.5	2	6,6-3,8		96	94	91	87	81	73.8	69.3	59	40										1"¼	1"¼	627	20.6			
KVCX 30-80 M	60212453	725	1x230V	1.22	0.85	1.15	5.4		36.9	36.9	36.6	36.1	35.3	34.3	33.6	32.2	29.5	27.8	25.5	20.3	14.2	10.7					61"¼	61"¼	505	13.7			
KVCX 30-80 T	60183812	742	3x230 - 400V ~	1.17	0.9	1.2	3,8-2,2		36.9	36.9	36.6	36.1	35.3	34.3	33.6	32.2	29.5	27.8	25.5	20.3	14.2	10.7					61"¼	61"¼	505	13.9			
KVCX 40-80 M	60211588	758	1x230V	1.63	1.1	1.5	7.3		50.1	49.7	49	48	46.7	45.1	44.2	42	38.5	35.7	32.5	25.5	17.1	12.5					61"¼	61"¼	560	18			
KVCX 40-80 T	60183795	775	3x230 - 400V ~	1.49	1	1.36	4,5-2,6		50.1	49.7	49	48	46.7	45.1	44.2	42	38.5	35.7	32.5	25.5	17.1	12.5					61"¼	61"¼	560	17.6			
KVCX 45-80 M	60211895	927	1x230V	2.11	1.8	2.45	9.4		64.6	64.5	63.9	63	61.7	60	59	56.7	52.5	49.3	45	37.1	26.8	21.1					61"¼	61"¼	634	18			
KVCX 45-80 T	60183796	949	3x230 - 400V ~	1.93	1.5	2	6-3,4		64.6	64.5	63.9	63	61.7	60	59	56.7	52.5	49.3	45	37.1	26.8	21.1					61"¼	61"¼	634	17.6			
KVCX 55-80 M	60211903	960	1x230V	2.45	1.8	2.45	10.8		76.1	75.8	75.1	73.9	72.2	70	68.5	66	60.5	56.7	52	41.8	29.5	22.7					61"¼	61"¼	727	22			
KVCX 55-80 T	60183797	977	3x230 - 400V ~	2.28	1.85	2.5	6,8-3,9		76.1	75.8	75.1	73.9	72.2	70	68.5	66	60.5	56.7	52	41.8	29.5	22.7					61"¼	61"¼	727	22.1			
KVCX 65-80 T	60183798	1.023	3x230 - 400V ~	2.66	2.2	3	7,7-4,4		88.6	88	86.9	85.5	83.5	81.2	80	76.5	71	67	62	51.1	37.9	30.5					61"¼	61"¼	727	22.1			
KVCX 25-120 M	60211581	750	1x230V	1.46	1.1	1.5	6.5		30.4	30.3	30.2	30	29.9	29.6	29.3	28.7	27.7	26.9	25.9	23.2	19.9	18.2	16.4	12	7	7	61"¼	61"¼	450	17			
KVCX 25-120 T	60179880	767	3x230 - 400V ~	1.4	1	1.36	5-2,9		30.4	30.3	30.2	30	29.9	29.6	29.3	28.7	27.7	26.9	25.9	23.2	19.9	18.2	16.4	12	7	7	61"¼	61"¼	450	17.1			
KVCX 35-120 M	60211579	843	1x230V	1.98	1.1	1.5	8.8		46.2	46.1	45.7	45.3	44.8	44	43.7	42.7	40.9	39.3	37.4	33.7	29.4	26.8	24.2	18	11	11	61"¼	61"¼	480	20.1			
KVCX 35-120 T	60179866	858	3x230 - 400V ~	2	1.1	1.5	6,4-3,7		46.2	46.1	45.7	45.3	44.8	44	43.7	42.7	40.9	39.3	37.4	33.7	29.4	26.8	24.2	18	11	11	61"¼	61"¼	480	20.2			
KVCX 45-120 M	60211922	1.046	1x230V	2.83	1.8	2.45	13.4		62.4	62	61.4	60.8	60.1	59.1	58.6	57.5	55.3	53.4	51.4	46.2	40.6	37.5	34	26.3	17	17	61"¼	61"¼	507	20.2			
KVCX 45-120 T	60179376	1.065	3x230 - 400V ~	2.6	1.85	2.5	7,6-4,4		62.4	62	61.4	60.8	60.1	59.1	58.6	57.5	55.3	53.4	51.4	46.2	40.6	37.5	34	26.3	17	17	61"¼	61"¼	507	21.9			
KVCX 60-120 T	60179856	1.094	3x230 - 400V ~	3.1	2.2	3	9-5,2		78	77.5	76.7	75.9	75.1	73.9	73.3	71.5	68.3	65.9	63.2	58	51	47	43.4	35	24.5	24.5	61"¼	61"¼	610	21.6			
KVCX 70-120 T	60179871	1.162	3x230 - 400V ~	3.8	3	4	10,9-6,3		95	94.3	93.4	92.5	91.4	89.8	88.9	86.8	83.2	80.5	77.9	71.7	63.9	59.2	54.7	44	31	31	61"¼	61"¼	675	24			
KVCX 85-120 T	60179860	1.223	3x230 - 400V ~	4.2	3	4	12,3-7,1		112.7	111.6	110.3	109	107.6	105.7	104.5	101.9	97.5	94.1	89.9	81.6	72.1	66.7	61.2	48.9	34	34	61"¼	61"¼	702	25			

DAB SERVICES

HEATING AND AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER SETS

END SUCTION AND VERTICAL MULTISTAGE PUMPS

DRAINAGE AND SEWAGE

GROUNDWATER AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

NKVE 1, 3, 6, 10, 15, 20 - S MCE-P

VERTICAL SHAFT MULTISTAGE PUMPS WITH MCE-P VARIABLE FREQUENCY DRIVE



The product image is purely indicative.

Vertical multistage centrifugal pumps in AISI 304 stainless steel with coupling and MCE-P variable frequency drive installed as standard, designed for pressurization, water circulation in heating and air conditioning systems in civil and commercial installations, agriculture and irrigation systems, and washing systems.

All liquid contact parts are in AISI 304 stainless steel (on request in AISI 316 stainless steel, X versions).

Standardised flanges and standard centre distances for easy pump replacement.

Cartridge mechanical seal that can be removed without removing the motor starting from 5.5 kW models.

Mechanical seals for aggressive liquids and various connections (oval, Victaulic flanges) available.

Certified for use with drinking water (WRAS and ACS certifications). Coupled via rigid coupling to standardised IE2 two-pole 0.37 kW motors and IE3 0.75 kW motors.

Remote control is possible thanks to the DConnect service (DConnect Box supplied separately).

Operating range

1 To 30 m³/h with head up to 320 metres.

Pumped liquid

Clean, free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Maximum % glycol 30%.

Supported liquid temperature

-30 °C to +120 °C (EPDM).

-15 °C to +120 °C (Viton/FKM).

Maximum ambient temperature +50°C.

Maximum working pressure bar / kPa 25 bar / 2500 kPa.

Motor protection degree IP55.

Motor insulation class F.

Impeller construction material

AISI 304 NKV S stainless steel.

AISI 316 NKV X stainless steel (solely on request).

Single-phase power supply 1x230 V up to 2.2 kW.

Three-phase power supply

380 - 415 V at 50 Hz 3 kW.

Type of installation possible vertical position.

Special versions available on request

Yes, available with different types of mechanical seals for aggressive liquids and connections (round, oval, Victaulic flanges, clamps), **with liquid contact parts in AISI 316 stainless steel (X versions)**, other voltages and frequencies.



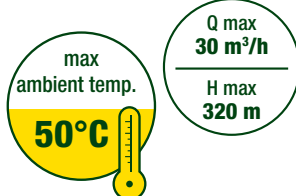
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HIGH EFFICIENCY

The NKVE pumps are supplied with the new **premium efficiency motors** and comply with the highest energy efficiency standards on the water handling market.



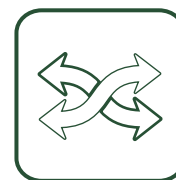
PERFORMANCE FOR EVERY NEED

They offer incredible application flexibility thanks to a complete performance range and the ability to work with ambient temperatures up to 50°C.



ROBUSTNESS AND RELIABILITY

All parts in contact with liquids are made of AISI 304 stainless steel (AISI 316 X versions). DAB construction quality guarantees solidity and greater resistance to wear and tear.



THE EASIEST REPLACEMENT EVER

In addition, the new range has been designed to simplify replacement thanks to the standard flanges and standard centre distances.

NKVE 1, 3, 6, 10, 15, 20 - S MCE-P

VERTICAL SHAFT MULTISTAGE PUMPS WITH MCE-P VARIABLE FREQUENCY DRIVE



NKVE 1 S - MCE-P

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA								DNA	DNM	H mm	CENTRE DISTANCE mm	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A	Q=m³/h	0	0.5	1	1.5	2	2.5						
				kW	HP		Q=l/min	0	8.3	16.7	25	33.3	42						
NKVE 1/03 S 003 M MCE11/P	60206471	3.294	1 x230V	0.4	0.5	5.5	H (m)	21.5	20	19	17	14	11	25	25	752	250	23.8	
NKVE 1/05 S 003 M MCE11/P	60206472	3.440	1 x230V	0.4	0.5	5.5		35	33	30.5	27	22.5	17	25	25	797	250	24.8	
NKVE 1/07 S 003 M MCE11/P	60206473	3.762	1 x230V	0.4	0.5	5.5		48	45	41.5	36.5	30	22	25	25	842	250	25.8	
NKVE 1/09 S 005 M MCE11/P	60206467	4.018	1 x230V	0.6	0.8	6.9		61.5	58	53	47	39	28.5	25	25	887	250	27.2	
NKVE 1/11 S 005 M MCE11/P	60206468	4.186	1 x230V	0.6	0.8	6.9		74.5	69.5	64	56.5	46.5	34	25	25	932	250	28.2	
NKVE 1/13 S 007 M MCE11/P	60190493	4.181	1 x230V	0.8	1	8.1		89.5	84.5	77.5	68.5	57	42	25	25	993	250	32.5	
NKVE 1/15 S 007 M MCE11/P	60190494	4.488	1 x230V	0.8	1	8.1		102.5	96	88	78	64	47	25	25	1038	250	33	
NKVE 1/19 S 011 M MCE11/P	60190495	4.719	1 x230V	1.1	1.5	10.9		131	123.5	114	101	84	62	25	25	1128	250	36.6	
NKVE 1/22 S 011 M MCE11/P	60190496	4.849	1 x230V	1.1	1.5	10.9		150.5	141.5	130	115	95	69.5	25	25	1195	250	38.1	
NKVE 1/25 S 015 M MCE11/P	60190497	5.275	1 x230V	1.5	2	13.9		174	164	151.5	134.5	112	83.5	25	25	1308	250	43	
NKVE 1/30 S 015 M MCE11/P	60190498	5.520	1 x230V	1.5	2	13.9		206.5	194.5	179	158	131	96.5	25	25	1420	250	45	
NKVE 1/34 S 030 T MCE30/P	60207569	5.867	3x380-415Δ	3	4	7.1		238	225.5	208.5	185.5	155.5	116.5	25	25	1510	250	49	
NKVE 1/37 S 030 T MCE30/P	60207570	6.042	3x380-415Δ	3	4	7.1		258	244	225.5	200.5	167.5	125	25	25	1578	250	50.5	

NKVE 3 S - MCE-P

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA											DNA	DNM	H mm	CENTRE DISTANCE mm	WEIGH KG
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A	Q=m³/h	0	1	1.5	2	2.5	3	3.5	4	4.5						
				kW	HP		Q=l/min	0	16.7	25	33.3	42	50	58.3	67	75						
NKVE 3/04 S 003 M MCE11/P	60206474	3.372	1 x230V	0.4	0.5	5.5	H (m)	30	28.5	27.5	26	24	21.5	18.5	15	10.5	25	25	774	250	24.3	
NKVE 3/06 S 005 M MCE11/P	60206469	3.674	1 x230V	0.6	0.8	6.9		44.5	42.5	40.5	38.5	35.5	32	27	21.5	15	25	25	819	250	25.7	
NKVE 3/09 S 007 M MCE11/P	60190503	3.678	1 x230V	0.8	1	8.1		67	64	61.5	58	53.5	48	41	32.5	22.5	25	25	903	250	30.5	
NKVE 3/11 S 011 M MCE11/P	60190504	3.811	1 x230V	1.1	1.5	10.9		82.5	79.5	76.5	72.5	67	60.5	52	42	29.5	25	25	948	250	33.1	
NKVE 3/13 S 011 M MCE11/P	60190505	3.959	1 x230V	1.1	1.5	10.9		96.5	93	89	84.5	78	70	60	47.5	33.5	25	25	993	250	34.1	
NKVE 3/15 S 015 M MCE11/P	60190506	4.185	1 x230V	1.5	2	13.9		112.5	109	105	99.5	92.5	83	71.5	58	41.5	25	25	1083	250	38.5	
NKVE 3/17 S 015 M MCE11/P	60190507	4.242	1 x230V	1.5	2	13.9		127	122.5	118	111.5	103.5	93	80	64	45.5	25	25	1128	250	39	
NKVE 3/21 S 022 M MCE15/P	60190508	4.388	1 x230V	2.2	3	19.4		158.5	153.5	148	140.5	130.5	118	102	83	60	25	25	1218	250	43	
NKVE 3/25 S 022 T MCE30/P	60187820	4.989	3x380-415Δ	2.2	3	5.4		187.5	181	174.5	165.5	153.5	138	119	96	68.5	25	25	1308	250	45	
NKVE 3/29 S 030 T MCE30/P	60187821	5.323	3x380-415Δ	3	4	7.1		220	213.5	206.5	196.5	183.5	166	144	117.5	86	25	25	1447	250	57.3	
NKVE 3/33 S 030 T MCE30/P	60190509	5.586	3x380-415Δ	3	4	7.1		249.5	242	234	222	206.5	187	162	131.5	95.5	25	25	1537	250	59.3	

NKVE 1, 3, 6, 10, 15, 20 - S MCE-P

VERTICAL SHAFT MULTISTAGE PUMPS WITH MCE-P VARIABLE FREQUENCY DRIVE



DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

NKVE 6 S - MCE-P

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA											DNA	DNM	H mm	CENTRE DISTANCE mm	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A	Q=m³/h	0	3	3.5	4	4.5	5	5.4	6	7						
				kW	HP		Q=l/min	0	50	58.3	67	75	83.3	90	100	116.7						
NKVE 6/02 S 003 M MCE11/P	60206475	2.693	1 x 230 V	0.4	0.5	5.5	H(m)	15	13.5	13	12.5	12	11.5	11	10	8	32	32	736	250	23.8	
NKVE 6/04 S 005 M MCE11/P	60206470	2.981	1 x 230 V	0.6	0.8	6.9		29.5	26	25	24	22.5	21.5	20.5	18.5	14.5	32	32	788	250	25.2	
NKVE 6/06 S 007 M MCE11/P	60190512	2.960	1 x 230 V	0.8	1	8.1		44.5	39.5	37.5	36	34	32.5	30.5	28	22	32	32	856	250	29.5	
NKVE 6/09 S 011 M MCE11/P	60190513	3.399	1 x 230 V	1.1	1.5	10.9		67	59	56.5	54	51.5	48.5	46	42.5	33.5	32	32	934	250	32.6	
NKVE 6/11 S 015 M MCE11/P	60190514	3.887	1 x 230 V	1.5	2	13.9		82.5	73.5	71	67.5	64.5	61	58	53.5	42.5	32	32	1031	250	37.5	
NKVE 6/13 S 015 M MCE11/P	60190515	3.949	1 x 230 V	1.5	2	13.9		97	86	82	78.5	74.5	70.5	67	61.5	48.5	32	32	1083	250	38.5	
NKVE 6/16 S 022 M MCE15/P	60190516	4.090	1 x 230 V	2.2	3	19.4		120.5	108	104	99	94.5	89.5	85.5	78.5	62.5	32	32	1161	250	42	
NKVE 6/19 S 030 T MCE30/P	60207573	4.434	3 x 380-415Δ	3	4	7.1		142	126.5	121.5	115.5	110	104	99	91	72	32	32	1239	250	43.5	
NKVE 6/21 S 030 T MCE30/P	60190518	5.139	3 x 380-415Δ	3	4	7.1		159	144.5	139	133	127	120.5	115	106	85.5	32	32	1340	250	54.8	
NKVE 6/25 S 030 T MCE30/P	60190519	5.685	3 x 380-415Δ	3	4	7.1		189	170	164	157.5	150.5	142.5	135.5	123.5	98.5	32	32	1444	250	56.8	
NKVE 6/28 S 040 T MCE30/P	60190520	5.744	3 x 380-415Δ	4	5.5	10.1		214	194.5	188	181	173.5	164.5	156.5	143	115.5	32	32	1522	250	62	
NKVE 6/33 S 040 T MCE30/P	60190521	6.408	3 x 380-415Δ	4	5.5	10.1		251.5	227	219.5	211	201.5	191	182	166	133.5	32	32	1652	250	65	
*NKVE 6/36 V 055 T MCE55/P	60220366	7.347	3 x 380-415Δ	5.5	7.5	12.6		275	249.5	241.5	232.5	222.5	211.5	201.5	184	148.5	32	32	1928	250	93.1	

* only available with Victaulic® type connection

NKVE 10 S - MCE-P

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA												DNA	DNM	H mm	CENTRE DISTANCE mm	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A	Q=m³/h	0	3	5	6	7	8	9	10	11	14						
				kW	HP		Q=l/min	0	50	83.3	100	116.7	133	150	166.7	183	233.3						
NKVE 10/02 S 007 M MCE11/P	60190523	3.972	1x230V	0.8	1	8.1	H (m)	20	20	19	18.5	17.5	17	16	15	13.5	9	40	40	773	280	28.5	
NKVE 10/03 S 011 M MCE11/P	60185542	4.090	1x230V	1.1	1.5	10.9		30	30	28.5	27.5	26.5	25.5	24	22.5	20.5	13.5	40	40	803	280	31.1	
NKVE 10/04 S 015 M MCE11/P	60190524	4.331	1x230V	1.5	2	13.9		40.5	40	38.5	37	35.5	34	32.5	30.5	28	18	40	40	878	280	35	
NKVE 10/05 S 015 M MCE11/P	60190525	4.637	1x230V	1.5	2	13.9		50.5	49.5	47	45.5	43.5	41.5	39.5	37	33.5	21.5	40	40	908	280	35.5	
NKVE 10/06 S 022 M MCE15/P	60188934	4.901	1x230V	2.2	3	19.4		61	60.5	57.5	56	54	51.5	49	46	42	27.5	40	40	938	280	38.5	
NKVE 10/07 S 022 M MCE15/P	60190526	4.975	1x230V	2.2	3	19.4		70.5	70	66.5	64.5	62	59.5	56	52.5	48	31	40	40	968	280	39	
NKVE 10/08 S 030 T MCE30/P	60190527	5.151	3x380-415Δ	3	4	7.1		81.5	81	78	75.5	73	70	66.5	62.5	57.5	38	40	40	1047	280	50.3	
NKVE 10/09 S 030 T MCE30/P	60190528	5.580	3x380-415Δ	3	4	7.1		91.5	91	87.5	84.5	81.5	78	74	69.5	64	42	40	40	1077	280	50.8	
NKVE 10/10 S 040 T MCE30/P	60190529	6.656	3x380-415Δ	4	5.5	10.1		102.5	102.5	99	96	93	89	84.5	79.5	73.5	49	40	40	1107	280	55	
NKVE 10/12 S 040 T MCE30/P	60190530	7.226	3x380-415Δ	4	5.5	10.1		123	122.5	117.5	114	110	105.5	100.5	94	87	57.5	40	40	1167	280	56.5	
NKVE 10/15 S 055 T MCE55/P	60190531	8.004	3x380-415Δ	5.5	7.5	12.6		153.5	153	147	142.5	138	132	125.5	118	109	72	40	40	1454	280	85.1	
NKVE 10/17 S 055 T MCE55/P	60190532	8.104	3x380-415Δ	5.5	7.5	12.6		173.5	172.5	165.5	160.5	155	148.5	141	132.5	122	80.5	40	40	1514	280	86.1	
NKVE 10/19 S 075 T MCE55/P	60190533	9.509	3x380-415Δ	7.5	10	16.5		195	194.5	187.5	182	176	169	160.5	151	139.5	93	40	40	1646	280	96	
NKVE 10/23 S 075 T MCE55/P	60190534	10.430	3x380-415Δ	7.5	10	17.3		235.5	234	225	218.5	211	202	192	180.5	166.5	110	40	40	1766	280	98.5	
NKVE 10/24 S 110 T MCE110/P	60190535	11.315	3x380-415Δ	11	15	24.8		248	247	240.5	234	227	218	208	196	182	122.5	40	40	1891	280	124.5	

NKVE 1, 3, 6, 10, 15, 20 - S MCE-P

VERTICAL SHAFT MULTISTAGE PUMPS WITH MCE-P VARIABLE FREQUENCY DRIVE



NKVE 15 S - MCE-P

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA																DNA	DNM	H mm	CENTRE DISTANCE mm	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A	Q=m³/h	0	8	10	12	14	16	18	20	22	24										
				kW	HP		Q=l/min	0	133	167	200	233	266	300	333	367	400										
NKVE 15/02 S 015 M MCE15/P	60207585	4.770	1x230V	1.5	2	13.9	H (m)	29	26	25	24	23	21.5	19.5	17	14	11	50	50	878	300	43					
NKVE 15/03 S 022 M MCE22/P	60207586	5.187	1x230V	2.2	3	19.4		43.5	39	38	36.5	34.5	32.5	29.5	26	21.5	17	50	50	975	300	54.8					
NKVE 15/04 S 030 T MCE30/P	60207603	6.175	3x380-415Δ	3	4	7.1		58	52.5	51	49	46.5	44	40.5	35.5	29.5	23.5	50	50	1023	300	60					
NKVE 15/05 S 040 T MCE55/P	60190538	6.432	3x380-415Δ	4	5.5	10.1		72.5	65.5	63.5	60.5	57.5	54.5	49.5	43	36	28.5	50	50	1071	300	61.5					
NKVE 15/06 S 055 T MCE55/P	60190539	7.635	3x380-415Δ	5.5	7.5	12.6		87.5	79.5	77	74	71	67	61.5	54	46	36.5	50	50	1328	300	90.1					
NKVE 15/07 S 055 T MCE55/P	60190540	7.952	3x380-415Δ	5.5	7.5	12.6		102	92	89	86	82	77.5	70.5	62	52.5	41.5	50	50	1376	300	91.6					
NKVE 15/08 S 075 T MCE55/P	60190541	9.144	3x380-415Δ	7.5	10	16.5		117	106.5	103	99.5	95	90	82.5	72.5	62	49	50	50	1496	300	101.5					
NKVE 15/09 S 075 T MCE55/P	60190542	9.479	3x380-415Δ	7.5	10	16.5		131.5	119	115.5	111	106	100.5	92	81	69	54.5	50	50	1544	300	103					
NKVE 15/10 S 110 T MCE110/P	60190543	10.356	3x380-415Δ	11	15	24.8		147.5	134.5	131	126.5	121	115	106	94	80.5	65	50	50	1687	300	130					
NKVE 15/12 S 110 T MCE110/P	60190544	11.252	3x380-415Δ	11	15	24.8		176.5	161	156.5	151	144.5	137.5	126.5	112	96	77	50	50	1783	300	133					
NKVE 15/14 S 110 T MCE110/P	60190545	12.082	3x380-415Δ	11	15	24.8		205.5	187.5	182	175.5	168	159	146	129	110.5	88	50	50	1879	300	136					
NKVE 15/16 S 150 T MCE150/P	60190546	14.779	3x380-415Δ	15	20	33.6		235.5	214	208	200.5	192	182.5	167.5	148	126.5	101.5	50	50	2026	300	147.5					
NKVE 15/17 S 150 T MCE150/P	60190547	14.024	3x380-415Δ	15	20	33.6		249.5	227.5	220.5	213	203.5	193	177.5	156.5	134	107	50	50	2074	300	149					

NKVE 20 S - MCE-P

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA														DNA	DNM	H mm	CENTRE DISTANCE mm	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A	Q=m³/h	0	10	12	14	16	18	20	22	24	28								
				kW	HP		Q=l/min	0	167	200	233	266	300	333	367	400	467								
NKVE 20/02 S 022 M MCE15/P	60190548	4.585	1x230V	2.2	3	19.4	H (m)	31	27.5	27	26	25	24	22.5	20.5	18	12	50	50	878	300	43			
NKVE 20/03 S 030 T MCE30/P	60190549	5.331	3x380-415Δ	3	4	7.1		46.5	41.5	40.5	39.5	38	36.5	34.5	31	27.5	18.5	50	50	975	300	54.8			
NKVE 20/04 S 040 T MCE55/P	60190550	6.880	3x380-415Δ	4	5.5	10.1		62.5	56	55	53.5	51.5	49.5	46.5	42.5	37	25.5	50	50	1023	300	60			
NKVE 20/05 S 055 T MCE55/P	60189126	7.320	3x380-415Δ	5.5	7.5	12.9		78	70	68.5	66.5	64.5	62	58	53	47	32.5	50	50	1280	300	89.1			
NKVE 20/06 S 075 T MCE55/P	60190551	8.659	3x380-415Δ	7.5	10	14.1		94.5	86.5	84.5	82.5	80	77.5	73.5	67.5	60	42.5	50	50	1400	300	99			
NKVE 20/07 S 075 T MCE55/P	60190552	8.848	3x380-415Δ	7.5	10	16.5		110	100.5	98	95.5	93	90	85	77.5	69	48.5	50	50	1448	300	100			
NKVE 20/08 S 110 T MCE110/P	60190553	9.717	3x380-415Δ	11	15	24.8		126.5	117	114	112	109	106	100.5	92.5	82.5	59.5	50	50	1591	300	127.5			
NKVE 20/09 S 110 T MCE110/P	60190554	10.300	3x380-415Δ	11	15	24.8		142.5	131	128	125.5	122	118.5	112.5	103.5	92.5	66.5	50	50	1639	300	129			
NKVE 20/10 S 110 T MCE110/P	60190555	10.563	3x380-415Δ	11	15	24.8		158	145.5	142	139	135	131.5	124.5	114	102	73	50	50	1687	300	130			
NKVE 20/12 S 150 T MCE150/P	60190556	13.882	3x380-415Δ	15	20	33.6		189.5	174.5	170.5	167	162	157.5	149	137	122.5	87.5	50	50	1834	300	142			
NKVE 20/14 S 150 T MCE150/P	60190557	12.975	3x380-415Δ	15	20	33.6	220.5	202.5	198	193.5	188	182.5	172.5	158	141	100.5	50	50	1930	300	145				

SPECIAL VERSIONS

MODEL	PRICE € TYPE QQE (1)	PRICE € TYPE QQV (2)	PRICE € TYPE BQV (3)	PRICE € TYPE UUE (4)
NKV 1 - 3 - 6 - 10	133	142	102	496
NKV 15 - 20	140	261	140	527

SPECIAL MECHANICAL SEALS

- (1) **SPECIAL Mech. Seal type QQE** = SIC - SIC - EPDM = Silicon Carbide/Silicon Carbide/AISI 316/EPDM
 (2) **SPECIAL Mech. Seal type QQV** = SIC - SIC - VITON = Silicon Carbide/Silicon Carbide/AISI 316/FKM
 (3) **SPECIAL Mech. Seal type BQV** = SIC - CAR - VITON = Silicon Carbide/Carbon/AISI 316/FKM
 (4) **SPECIAL Mech. Seal type UUE** = WC - WC - EPDM = Tungsten Carbide/Tungsten Carbide/AISI 316/EPDM

NKVE 32, 45, 65, 95 - MCE-P

VERTICAL SHAFT MULTISTAGE PUMPS WITH MCE-P VARIABLE FREQUENCY DRIVE



The product image is purely indicative.

Vertical multistage centrifugal pumps in AISI 304 stainless steel and cast iron with coupling, designed for pressurization, water circulation in heating and air conditioning systems in civil and commercial installations, agriculture and irrigation systems, and washing systems.

Particularly versatile thanks to the use of the MCE-P variable frequency drive, it guarantees performance that can automatically adapt to different system requirements while maintaining constant pressure.

Pressure sensor supplied as standard.

Cataphoresis treated cast iron pump body.

AISI 304 stainless steel impellers, diffusers and pump liner, X version in AISI 316 stainless steel on request.

The pumps are particularly versatile due to the centre distance between the in-line ports designed to maximise interchangeability. Graphite/silicon carbide/EPDM cartridge mechanical seal that can be removed without removing the motor starting from 5.5 kW models.

Mechanical seals for aggressive liquids available on request.

Connections: cast iron or AISI 316 round flanges.

Coupled via removable rigid coupling to energy-efficient IE3 electric motors.

WRAS and ACS certified.

Remote control is possible thanks to the DConnect service (with DConnect Box supplied separately).

Operating range

1 To 120 m³/h with head up to 320 metres.

Pumped liquid

Clean, free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Maximum % glycol 30%.

Supported liquid temperature

-30 °C to +120 °C (EPDM).

-15 °C to +120 °C (Viton/FKM).

Motor protection degree IP55.

Motor insulation class F.

Impeller construction material Cast iron or AISI 316 NKV X stainless steel (solely on request).

Single-phase power supply 1x230 V up to 2.2 kW.

Three-phase power supply 380 - 415 V at 50 Hz 3 kW.

Type of installation possible vertical position.

Special versions available on request

Yes, available with different types of mechanical seals for aggressive liquids and connections (round, oval, Victaulic flanges, clamps), **with liquid contact parts in AISI 316 stainless steel (X versions)**, other voltages and frequencies.



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PAGE 277

NKVE 32 - MCE-P

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA													
			POWER SUPPLY 50 Hz	P2 NOM.		In A	Q=m³/h Q=l/min	0	15	18	22	25	30	35	40	45	DNA	DNM	H mm	CENTRE DISTANCE mm	WEIGHT KG
				kW	HP			0	250	300	367	417	500	583	667	750					
NKVE 32/2 T MCE 55/P	60192237	8.195	3x380-415Δ	5.5	7.5	12.6	H (m)	48.5	43.5	42.5	41	39.5	36.5	33.5	29	23.5	65	65	1311	320	148
NKVE 32/3-2 T MCE 55/P	60192238	8.361	3x380-415Δ	5.5	7.5	12.6		60	54.5	53	50.5	48	44	38	31.5	23.5	65	65	1392	320	152
NKVE 32/3 T MCE 110/P	60167485	10.669	3x380-415Δ	7.5	10	17.3		73	65	63.5	61	59	55	50	43.5	35.5	65	65	1440	320	163
NKVE 32/4 T MCE 110/P	60167486	12.357	3x380-415Δ	11	15	24.8		98	88	86	83	80.5	75	69	60	49.5	65	65	1657	320	218
NKVE 32/5-2 T MCE 110/P	60167487	13.030	3x380-415Δ	11	15	24.8		109.5	99.5	97	93	89.5	83	74	63	49.5	65	65	1739	320	222
NKVE 32/5 T MCE 150/P	60167488	16.067	3x380-415Δ	15	20	33.6		122.5	109.5	107	103.5	100	93.5	85.5	75	61.5	65	65	1739	320	236
NKVE 32/6 T MCE 150/P	60167489	16.513	3x380-415Δ	15	20	33.6		146.5	131	128	123.5	119.5	111.5	102	89	73	65	65	1821	320	240
NKVE 32/7-2 T MCE 150/P	60167490	16.960	3x380-415Δ	15	20	33.6		158	142.5	139	133.5	128.5	119	107	91.5	72.5	65	65	1903	320	244

NKVE 32, 45, 65, 95 - MCE-P

VERTICAL SHAFT MULTISTAGE PUMPS WITH MCE-P VARIABLE FREQUENCY DRIVE



NKVE 45 - MCE-P

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA											DNA	DNM	H mm	CENTRE DISTANCE mm	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOM.		In A	Q=m³/h	0	18	25	30	40	54	60	65	70						
				kW	HP		Q=l/min	0	300	417	500	667	900	1000	1083	1166						
NKVE 45/2-2 T MCE 55/P	60192239	8.198	3x380-415Δ	5.5	7.5	12.6	H(m)	38.5	37	35.5	34.5	31	23	18.5	14.5	10	80	80	1345	365	154	
NKVE 45/2 T MCE 110/P	60167491	10.447	3x380-415Δ	7.5	10	16.5		48.5	47	45.5	44	41.5	34	30.5	26.5	23	80	80	1393	365	165	
NKVE 45/3 T MCE 110/P	60167492	12.389	3x380-415Δ	11	15	25.1		73.5	71	69	67	63	52.5	47	41	34	80	80	1610	365	220	
NKVE 45/4 T MCE 150/P	60167493	15.786	3x380-415Δ	15	20	33.6		97.5	94.5	91.5	89	84	69.5	62	54.5	45	80	80	1692	365	238	

NKVE 65 - MCE-P

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA											DNA	DNM	H mm	CENTRE DISTANCE mm	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOM.		In A	Q=m³/h	0	30	42	45	54	60	72	78	85						
				kW	HP		Q=l/min	0	500	700	750	900	1000	1200	1300	1417						
NKVE 65/2-2 T MCE 110/P	60192240	9.554	3x380-415Δ	7.5	10	17.3	H (m)	39	37.5	35.5	35	33	31	25	22	17.5	100	100	1484	365	169.5	
NKVE 65/2 T MCE 110/P	60192241	10.371	3x380-415Δ	11	15	25.1		56.5	51	48.5	48	46	45	41	38.5	34.5	100	100	1619	365	220.5	
NKVE 65/3-2 T MCE 150/P	60192242	13.787	3x380-415Δ	15	20	33.6		67.5	63.5	60.5	59.5	56.5	54	46.5	42	35.5	100	100	1711	365	239	

NKVE 95 - MCE-P

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA											DNA	DNM	H mm	CENTRE DISTANCE mm	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOM.		In A	Q=m³/h	0	45	60	72	78	85	96	108	118						
				kW	HP		Q=l/min	0	750	1000	1200	1300	1417	1600	1800	1967						
NKVE95/2-2 T MCE 110/P	60192243	11.308	3x380-415Δ	11	15	25.1	H (m)	44.5	43	41	38.5	36.5	34	28.5	21.5	15	100	100	1619	380	221	
NKVE95/2 T MCE 150/P	60192244	14.498	3x380-415Δ	15	20	33.6		62	55.5	51.5	49	47.5	45	41	35	28.5	100	100	1619	380	235	

SPECIAL VERSIONS

MODEL	PRICE € TYPE QQE (1)	PRICE € TYPE QQV (2)	PRICE € TYPE BQV (3)	PRICE € TYPE UUE (4)
NKV 32 - 45 - 65 - 95	453	710	284	1.454

SPECIAL MECHANICAL SEALS

- (1) **SPECIAL Mech. Seal type QQE** = SIC - SIC - EPDM = Silicon Carbide/Silicon Carbide/AISI 316/EPDM
- (2) **SPECIAL Mech. Seal type QQV** = SIC - SIC - VITON = Silicon Carbide/Silicon Carbide/AISI 316/FKM
- (3) **SPECIAL Mech. Seal type BQV** = SIC - CAR - VITON = Silicon Carbide/Carbon/AISI 316/FKM
- (4) **SPECIAL Mech. Seal type UUE** = WC - WC - EPDM = Tungsten Carbide/Tungsten Carbide/AISI 316/EPDM

NKV 1, 3, 6, 10, 15, 20 - S

VERTICAL MULTISTAGE CENTRIFUGAL ELECTRIC PUMPS WITH COUPLING



The product image is purely indicative.

Vertical multistage centrifugal pumps in AISI 304 stainless steel with coupling, designed for pressurization, water circulation in heating and air conditioning systems in civil and commercial installations, agriculture and irrigation systems, and washing systems. All liquid contact parts are in AISI 304 stainless steel (on request in AISI 316 stainless steel, X versions).

Standardised flanges and standard centre distances for easy pump replacement.

Cartridge mechanical seal that can be removed without removing the motor starting from 5.5 kW models.

Mechanical seals for aggressive liquids and various connections (oval, Victaulic flanges) available.

Certified for use with drinking water (WRAS and ACS certifications).

Coupled via rigid coupling to standardised IE2 two-pole 0.37 kW motors and IE3 0.75 kW motors.

Operating range

1 m³/h to 28 m³/h with head up to 240 metres.

Pumped liquid clean, free of solid or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Maximum % glycol 30%.

Supported liquid temperature

-30 °C to +120 °C (EPDM).

-15 °C to +120 °C (Viton/FKM).

Maximum ambient temperature +50°C.

Maximum working pressure bar / kPa 25 bar / 2500 kPa.

Motor protection degree IP55.

Motor insulation class F.

Impeller construction material

AISI 304 NKV S stainless steel.

AISI 316 NKV X stainless steel (solely on request).

Single-phase power supply

Contact our sales network.

Three-phase power supply

220 - 240 / 380 - 415 V at 50 Hz up to 2.2 kW.

380 - 415 V at 50 Hz 3 kW.

Type of installation possible

Vertical position.

Special versions available on request

Available with different types of mechanical seals for aggressive liquids and connections (round, oval, Victaulic flanges, clamps), **with liquid contact parts in AISI 316 stainless steel (X versions)**, other voltages and frequencies.

THREE-PHASE MOTORS	P2	< 0.75 kW	IE2
		≥ 0.75 kW < 75 kW	IE3
		≥ 75 kW	IE4

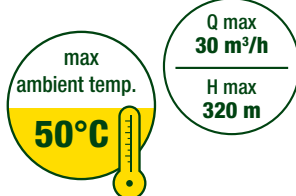


ACCESSORIES
PAGE 277



HIGH EFFICIENCY

The NKV pumps are supplied with the new **premium efficiency motors** and comply with the highest energy efficiency standards on the water handling market.



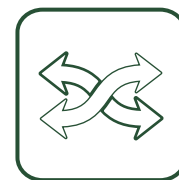
PERFORMANCE FOR EVERY NEED

They offer incredible application flexibility thanks to a complete performance range and the ability to work with ambient temperatures up to 50°C.



ROBUSTNESS AND RELIABILITY

All parts in contact with liquids are made of AISI 304 stainless steel (AISI 316 X versions). DAB construction quality guarantees solidity and greater resistance to wear and tear.



THE EASIEST REPLACEMENT EVER

In addition, the new range has been designed to simplify replacement thanks to the standard flanges and standard centre distances.

NKV 1, 3, 6, 10, 15, 20 - S

VERTICAL MULTISTAGE CENTRIFUGAL ELECTRIC PUMPS WITH COUPLING



NKV 1 S

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA							DNA	DNM	H mm	CENTRE DISTANCE mm	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A	Q=m³/h	0	0.5	1	1.5	2	2.5					
				kW	HP		Q=l/min	0	8.3	16.7	25	33.3	42					
NKV 1/2 ST	60206517	1.162	3x220-240Δ/380-415Y	0.37	0.5	1,7/1,0	H(m)	14.5	13.5	12.5	11.5	9.5	7.5	25	25	529	250	17.3
NKV 1/3 ST	60206511	1.196	3x220-240Δ/380-415Y	0.37	0.5	1,7/1,0		21.5	20	19	17	14	11	25	25	552	250	17.8
NKV 1/4 ST	60206519	1.245	3x220-240Δ/380-415Y	0.37	0.5	1,7/1,0		28	26.5	24.5	22	18.5	14	25	25	574	250	18.3
NKV 1/5 ST	60206512	1.306	3x220-240Δ/380-415Y	0.37	0.5	1,7/1,0		35	33	30.5	27	22.5	17	25	25	597	250	18.8
NKV 1/6 ST	60206513	1.325	3x220-240Δ/380-415Y	0.37	0.5	1,7/1,0		41.5	39	36	32	26.5	19.5	25	25	619	250	19.3
NKV 1/7 ST	60206515	1.359	3x220-240Δ/380-415Y	0.37	0.5	1,7/1,0		48	45	41.5	36.5	30	22	25	25	642	250	19.8
NKV 1/8 ST	60206518	1.438	3x220-240Δ/380-415Y	0.55	0.75	2,4/1,4		55	52	48	42.5	35	26	25	25	664	250	20.7
NKV 1/9 ST	60206520	1.494	3x220-240Δ/380-415Y	0.55	0.75	2,4/1,4		61.5	58	53	47	39	28.5	25	25	687	250	21.2
NKV 1/10 ST	60206534	1.553	3x220-240Δ/380-415Y	0.55	0.75	2,4/1,4		68	64	58.5	51.5	43	31.5	25	25	709	250	21.7
NKV 1/11 ST	60206535	1.628	3x220-240Δ/380-415Y	0.55	0.75	2,4/1,4		74.5	69.5	64	56.5	46.5	34	25	25	732	250	22.2
NKV 1/12 ST	60190298	1.696	3x220-240Δ/380-415Y	0.75	1	3,0/1,7		83	78.5	72	64	53	39.5	25	25	770	250	26
NKV 1/13 ST	60190299	1.773	3x220-240Δ/380-415Y	0.75	1	3,0/1,7		89.5	84.5	77.5	68.5	57	42	25	25	793	250	26.5
NKV 1/14 ST	60188895	1.820	3x220-240Δ/380-415Y	0.75	1	3,0/1,7		96	90.5	83	73	60.5	44.5	25	25	815	250	26.5
NKV 1/15 ST	60190300	1.843	3x220-240Δ/380-415Y	0.75	1	3,0/1,7		102.5	96	88	78	64	47	25	25	838	250	27
NKV 1/17 ST	60190301	2.010	3x220-240Δ/380-415Y	1.1	1.5	4,1/2,4		118	111.5	103	91.5	76	56.5	25	25	883	250	29.6
NKV 1/19 ST	60190302	2.118	3x220-240Δ/380-415Y	1.1	1.5	4,1/2,4		131	123.5	114	101	84	62	25	25	928	250	30.6
NKV 1/22 ST	60190199	2.277	3x220-240Δ/380-415Y	1.1	1.5	4,1/2,4		150.5	141.5	130	115	95	69.5	25	25	995	250	32.1
NKV 1/23 ST	60190303	2.605	3x220-240Δ/380-415Y	1.5	2	5,1/3,0		160.5	152	140	124.5	104	77.5	25	25	1063	250	36
NKV 1/25 ST	60190304	2.774	3x220-240Δ/380-415Y	1.5	2	5,1/3,0		174	164	151.5	134.5	112	83.5	25	25	1108	250	37
NKV 1/27 ST	60190305	2.955	3x220-240Δ/380-415Y	1.5	2	5,1/3,0		187	176.5	162.5	144	120	88.5	25	25	1153	250	38
NKV 1/30 ST	60190306	3.139	3x220-240Δ/380-415Y	1.5	2	5,1/3,0		206.5	194.5	179	158	131	96.5	25	25	1220	250	39
NKV 1/32 ST	60207565	3.360	3x380 - 415 V Δ ~	3	4	5.6		224.5	213	197	175.5	147.5	110.5	25	25	1304	250	49
NKV 1/34 ST	60207567	3.541	3x380 - 415 V Δ ~	3	4	5.6		238	225.5	208.5	185.5	155.5	116.5	25	25	1349	250	50
NKV 1/37 ST	60207571	3.742	3x380 - 415 V Δ ~	3	4	5.6		258	244	225.5	200.5	167.5	125	25	25	1417	250	51.5

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

NKV 1, 3, 6, 10, 15, 20 - S

VERTICAL MULTISTAGE CENTRIFUGAL ELECTRIC PUMPS WITH COUPLING



NKV 3 S

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA												DNA	DNM	H mm	CENTRE DISTANCE mm	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A	Q=m³/h	0	1	1.5	2	2.5	3	3.5	4	4.5							
				kW	HP		Q=l/min	0	16.7	25	33.3	42	50	58.3	67	75							
NKV 3/2 ST	60206541	1.107	3x220-240Δ/380-415Y	0.37	0.5	1,7/1,0	H (m)	15	15	14.5	13.5	12.5	11.5	10	8	6	25	25	529	250	17.3		
NKV 3/3 ST	60206514	1.162	3x220-240Δ/380-415Y	0.37	0.5	1,7/1,0		22.5	22	21	20	18.5	17	14.5	12	8.5	25	25	552	250	17.8		
NKV 3/4 ST	60206516	1.231	3x220-240Δ/380-415Y	0.37	0.5	1,7/1,0		30	28.5	27.5	26	24	21.5	18.5	15	10.5	25	25	574	250	18.3		
NKV 3/5 ST	60206536	1.296	3x220-240Δ/380-415Y	0.55	0.75	2,4/1,4		37.5	36	34.5	32.5	30	27	23.5	18.5	13	25	25	597	250	19.2		
NKV 3/6 ST	60206537	1.343	3x220-240Δ/380-415Y	0.55	0.75	2,4/1,4		44.5	42.5	40.5	38.5	35.5	32	27	21.5	15	25	25	619	250	19.7		
NKV 3/7 ST	60190313	1.347	3x220-240Δ/380-415Y	0.75	1	3,0/1,7		52.5	50.5	48.5	46	43	38.5	33	26.5	19	25	25	658	250	23.5		
NKV 3/8 ST	60188597	1.408	3x220-240Δ/380-415Y	0.75	1	3,0/1,7		59.5	57.5	55	52	48	43.5	37	29.5	21	25	25	680	250	24		
NKV 3/9 ST	60187822	1.476	3x220-240Δ/380-415Y	0.75	1	3,0/1,7		67	64	61.5	58	53.5	48	41	32.5	22.5	25	25	703	250	24.5		
NKV 3/10 ST	60190314	1.589	3x220-240Δ/380-415Y	1.1	1.5	4,1/2,4		75	72.5	70	66.5	61.5	55.5	48	38.5	27.5	25	25	725	250	26.6		
NKV 3/11 ST	60190315	1.650	3x220-240Δ/380-415Y	1.1	1.5	4,1/2,4		82.5	79.5	76.5	72.5	67	60.5	52	42	29.5	25	25	748	250	27.1		
NKV 3/12 ST	60190316	1.729	3x220-240Δ/380-415Y	1.1	1.5	4,1/2,4		89.5	86	83	78.5	72.5	65	56	45	31.5	25	25	770	250	27.6		
NKV 3/13 ST	60190317	1.825	3x220-240Δ/380-415Y	1.1	1.5	4,1/2,4		96.5	93	89	84.5	78	70	60	47.5	33.5	25	25	793	250	28.1		
NKV 3/14 ST	60190318	2.018	3x220-240Δ/380-415Y	1.5	2	5,1/3,0		105.5	102	98.5	93.5	86.5	78	67.5	54.5	39.5	25	25	860	250	32		
NKV 3/15 ST	60190319	2.064	3x220-240Δ/380-415Y	1.5	2	5,1/3,0		112.5	109	105	99.5	92.5	83	71.5	58	41.5	25	25	883	250	32.5		
NKV 3/16 ST	60190320	2.136	3x220-240Δ/380-415Y	1.5	2	5,1/3,0		120	115.5	111.5	105.5	98	88	76	61	43.5	25	25	905	250	32.5		
NKV 3/17 ST	60190321	2.175	3x220-240Δ/380-415Y	1.5	2	5,1/3,0		127	122.5	118	111.5	103.5	93	80	64	45.5	25	25	928	250	33		
NKV 3/18 ST	60190322	2.230	3x220-240Δ/380-415Y	2.2	3	7,8/4,6		136.5	132.5	128	121.5	113.5	102.5	89	72.5	53	25	25	950	250	35.5		
NKV 3/19 ST	60190323	2.270	3x220-240Δ/380-415Y	2.2	3	7,8/4,6		144	139.5	134.5	128	119	107.5	93.5	76	55.5	25	25	973	250	36		
NKV 3/21 ST	60190324	2.292	3x220-240Δ/380-415Y	2.2	3	7,8/4,6		158.5	153.5	148	140.5	130.5	118	102	83	60	25	25	1018	250	37		
NKV 3/23 ST	60190325	2.471	3x220-240Δ/380-415Y	2.2	3	7,8/4,6		173	167.5	161.5	153	142	128	110.5	89.5	64.5	25	25	1063	250	38		
NKV 3/25 ST	60190326	2.680	3x220-240Δ/380-415Y	2.2	3	7,8/4,6		187.5	181	174.5	165.5	153.5	138	119	96	68.5	25	25	1108	250	39		
NKV 3/27 ST	60190327	2.817	3x380-415Δ	3	4	5.6		205.5	199.5	193	184	171.5	155	135	110.5	81	25	25	1202	250	47.3		
NKV 3/29 ST	60190328	2.940	3x380-415Δ	3	4	5.6		220	213.5	206.5	196.5	183.5	166	144	117.5	86	25	25	1247	250	48.3		
NKV 3/31 ST	60190329	3.091	3x380-415Δ	3	4	5.6		235	228	220.5	209.5	195	176.5	153	124.5	91	25	25	1292	250	49.3		
NKV 3/33 ST	60190330	3.223	3x380-415Δ	3	4	5.6		249.5	242	234	222	206.5	187	162	131.5	95.5	25	25	1337	250	50.3		

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

NKV 1, 3, 6, 10, 15, 20 - S

VERTICAL MULTISTAGE CENTRIFUGAL ELECTRIC PUMPS WITH COUPLING



NKV 6 S

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA											DNA	DNM	H mm	CENTRE DISTANCE mm	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A	Q=m³/h	0	3	3.5	4	4.5	5	5.4	6	7						
				kW	HP		Q=l/min	0	50	58.3	67	75	83.3	90	100	116.7						
NKV6/2ST	60206542	1.038	3x220-240Δ/380-415Y	0.37	0.5	1,7/1,0	H (m)	15	13.5	13	12.5	12	11.5	11	10	8	32	32	536	250	17.8	
NKV6/3ST	60206543	1.151	3x220-240Δ/380-415Y	0.37	0.5	1,7/1,0		22.5	19.5	19	18	17	16	15.5	14	11	32	32	562	250	18.3	
NKV6/4ST	60206538	1.239	3x220-240Δ/380-415Y	0.55	0.75	2,4/1,4		29.5	26	25	24	22.5	21.5	20.5	18.5	14.5	32	32	588	250	19.2	
NKV6/5ST	60188893	1.243	3x220-240Δ/380-415Y	0.75	1	3,0/1,7		37.5	33.5	32	30.5	29	27.5	26	24	19	32	32	630	250	23	
NKV6/6ST	60190336	1.293	3x220-240Δ/380-415Y	0.75	1	3,0/1,7		44.5	39.5	37.5	36	34	32.5	30.5	28	22	32	32	656	250	23.5	
NKV6/7ST	60190337	1.399	3x220-240Δ/380-415Y	1.1	1.5	4,1/2,4		52.5	47	45	43	41	39	37	34	27	32	32	682	250	25.6	
NKV6/8ST	60190338	1.479	3x220-240Δ/380-415Y	1.1	1.5	4,1/2,4		59.5	53.5	51	48.5	46.5	44	42	38.5	30.5	32	32	708	250	26.1	
NKV6/9ST	60190339	1.536	3x220-240Δ/380-415Y	1.1	1.5	4,1/2,4		67	59	56.5	54	51.5	48.5	46	42.5	33.5	32	32	734	250	26.6	
NKV6/10ST	60190161	1.817	3x220-240Δ/380-415Y	1.5	2	5,1/3,0		75	67.5	65	62	59	56	53.5	49	39	32	32	805	250	30.5	
NKV6/11ST	60190340	1.838	3x220-240Δ/380-415Y	1.5	2	5,1/3,0		82.5	73.5	71	67.5	64.5	61	58	53.5	42.5	32	32	831	250	31.5	
NKV6/12ST	60190341	1.880	3x220-240Δ/380-415Y	1.5	2	5,1/3,0		89.5	80	76.5	73	69.5	65.5	62.5	57.5	45.5	32	32	857	250	32	
NKV6/13ST	60190357	1.910	3x220-240Δ/380-415Y	1.5	2	5,1/3,0		97	86	82	78.5	74.5	70.5	67	61.5	48.5	32	32	883	250	32.5	
NKV6/14ST	60190342	1.965	3x220-240Δ/380-415Y	2.2	3	7,8/4,6		105.5	95.5	92	88	83.5	79.5	76	70	56	32	32	909	250	35	
NKV6/15ST	60190344	2.018	3x220-240Δ/380-415Y	2.2	3	7,8/4,6		113	102	98	93.5	89	84.5	80.5	74	59.5	32	32	935	250	35.5	
NKV6/16ST	60190345	2.070	3x220-240Δ/380-415Y	2.2	3	7,8/4,6		120.5	108	104	99	94.5	89.5	85.5	78.5	62.5	32	32	961	250	36	
NKV6/17ST	60190346	2.179	3x220-240Δ/380-415Y	2.2	3	7,8/4,6		127.5	114.5	109.5	105	99.5	94.5	90	83	66	32	32	987	250	36.5	
NKV6/18ST	60190347	2.217	3x220-240Δ/380-415Y	2.2	3	7,8/4,6		135	120.5	115.5	110.5	105	99.5	94.5	87	69	32	32	1013	250	37	
NKV6/19ST	60207574	2.307	3x380 - 415V Δ ~	3	4	5.6		142	126.5	121.5	115.5	110	104	99	91	72	32	32	1078	250	44.9	
NKV6/20ST	60190349	2.384	3x380-415Δ	3	4	5.6		152	138	133	127	121	115	110	101.5	82	32	32	1114	250	45.3	
NKV6/21ST	60190350	2.409	3x380-415Δ	3	4	5.6		159	144.5	139	133	127	120.5	115	106	85.5	32	32	1140	250	45.8	
NKV6/23ST	60190351	2.471	3x380-415Δ	3	4	5.6		174	157.5	151.5	144.5	138	131	125	115	92.5	32	32	1192	250	46.8	
NKV6/25ST	60190352	2.883	3x380-415Δ	3	4	5.6		189	170	164	157.5	150.5	142.5	135.5	123.5	98.5	32	32	1244	250	47.8	
NKV6/28ST	60190353	2.949	3x380-415Δ	4	5.5	7		214	194.5	188	181	173.5	164.5	156.5	143	115.5	32	32	1322	250	53	
NKV6/30ST	60190354	3.086	3x380-415Δ	4	5.5	7		229	207.5	200.5	193	184.5	175.5	167	152.5	122.5	32	32	1374	250	54.5	
NKV6/33ST	60190355	3.431	3x380-415Δ	4	5.5	7		251.5	227	219.5	211	201.5	191	182	166	133.5	32	32	1452	250	56	
*NKV6/36VT	60199907	4.619	3x380-415Δ	5.5	7.5	10		275	249.5	241.5	232.5	222.5	211.5	201.5	184	148.5	32	32	1728	250	84.1	

* only available with Victaulic® type connection

NKV 1, 3, 6, 10, 15, 20 - S

VERTICAL MULTISTAGE CENTRIFUGAL ELECTRIC PUMPS WITH COUPLING



NKV 10 S

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA														DNA	DNM	H mm	CENTRE DISTANCE mm	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A	Q=m³/h	0	3	5	6	7	8	9	10	11	14								
				kW	HP		Q=l/min	0	50	83.3	100	116.7	133	150	166.7	183	233.3								
NKV 10/2 S T	60187831	1.557	3x220-240Δ/380-415Y	0.75	1	3,0/1,7	H (m)	20	20	19	18.5	17.5	17	16	15	13.5	9	40	40	573	280	22.5			
NKV 10/3 S T	60190358	1.687	3x220-240Δ/380-415Y	1.1	1.5	4,1/2,4		30	30	28.5	27.5	26.5	25.5	24	22.5	20.5	13.5	40	40	603	280	25.1			
NKV 10/4 S T	60190360	1.899	3x220-240Δ/380-415Y	1.5	2	5,1/3,0		40.5	40	38.5	37	35.5	34	32.5	30.5	28	18	40	40	678	280	29			
NKV 10/5 S T	60187635	2.108	3x220-240Δ/380-415Y	1.5	2	5,1/3,0		50.5	49.5	47	45.5	43.5	41.5	39.5	37	33.5	21.5	40	40	708	280	29.5			
NKV 10/6 S T	60187634	2.169	3x220-240Δ/380-415Y	2.2	3	7,8/4,6		61	60.5	57.5	56	54	51.5	49	46	42	27.5	40	40	738	280	32.5			
NKV 10/7 S T	60209146	2.405	3x220-240Δ/380-415Y	2.2	3	7,8/4,6		70.5	70	66.5	64.5	62	59.5	56	52.5	48	31	40	40	768	280	33			
NKV 10/8 S T	60190361	2.677	3x380-415Δ	3	4	5.6		81.5	81	78	75.5	73	70	66.5	62.5	57.5	38	40	40	847	280	41.3			
NKV 10/9 S T	60187630	2.802	3x380-415Δ	3	4	5.6		91.5	91	87.5	84.5	81.5	78	74	69.5	64	42	40	40	877	280	41.8			
NKV 10/10 S T	60190362	3.289	3x380-415Δ	4	5.5	7		102.5	102.5	99	96	93	89	84.5	79.5	73.5	49	40	40	907	280	46			
NKV 10/11 S T	60190363	3.479	3x380-415Δ	4	5.5	7		113	112.5	108	105	101.5	97.5	92.5	87	80.5	53.5	40	40	937	280	46.5			
NKV 10/12 S T	60187915	3.712	3x380-415Δ	4	5.5	7		123	122.5	117.5	114	110	105.5	100.5	94	87	57.5	40	40	967	280	47.5			
NKV 10/13 S T	60190364	4.016	3x380-415Δ	4	5.5	7		133	132	127	123	118.5	113.5	108	101	93.5	61.5	40	40	997	280	48			
NKV 10/15 S T	60185079	4.327	3x380-415Δ	5.5	7.5	10		153.5	153	147	142.5	138	132	125.5	118	109	72	40	40	1254	280	76.1			
NKV 10/17 S T	60190365	4.534	3x380-415Δ	5.5	7.5	10		173.5	172.5	165.5	160.5	155	148.5	141	132.5	122	80.5	40	40	1314	280	77.1			
NKV 10/19 S T	60185990	5.473	3x380-415Δ	7.5	10	13.1		195	194.5	187.5	182	176	169	160.5	151	139.5	93	40	40	1396	280	81			
NKV 10/21 S T	60190366	5.907	3x380-415Δ	7.5	10	13.1		215.5	214.5	206	200	193.5	185.5	176.5	166	153	101.5	40	40	1456	280	82.5			
NKV 10/23 S T	60190367	6.185	3x380-415Δ	7.5	10	13.1		235.5	234	225	218.5	211	202	192	180.5	166.5	110	40	40	1516	280	83.5			
NKV 10/24 S T	60185989	7.051	3x380-415Δ	11	15	19.7		248	247	240.5	234	227	218	208	196	182	122.5	40	40	1641	280	109.5			

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

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AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

NKV 1, 3, 6, 10, 15, 20 - S

VERTICAL MULTISTAGE CENTRIFUGAL ELECTRIC PUMPS WITH COUPLING



NKV 15 S

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA														DNA	DNM	H mm	CENTRE DISTANCE mm	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A	Q=m³/h	0	8	10	12	14	16	18	20	22	24								
				kW	HP		Q=l/min	0	133	167	200	233	266	300	333	367	400								
NKV 15/1 S T	60207580	1.746	3x220-240Δ/380-415Y	0.75	1	3,0/1,7	H (m)	14.5	13	12.5	12	11.5	10.5	9.5	8.5	7	5.5	50	50	633	300	28			
NKV 15/2 S T	60207582	2.203	3x220-240Δ/380-415Y	1.5	2	5,1/3,0		29	26	25	24	23	21.5	19.5	17	14	11	50	50	678	300	33.5			
NKV 15/3 S T	60207591	2.546	3x380-415Δ	2.2	3	7,8/4,6		43.5	39	38	36.5	34.5	32.5	29.5	26	21.5	17	50	50	736	300	37			
NKV 15/4 S T	60207602	2.802	3x380-415Δ	3	4	5.6		58	52.5	51	49	46.5	44	40.5	35.5	29.5	23.5	50	50	775	300	45.8			
NKV 15/5 S T	60187690	3.102	3x380-415Δ	4	5.5	7		72.5	65.5	63.5	60.5	57.5	54.5	49.5	43	36	28.5	50	50	871	300	52.5			
NKV 15/6 S T	60189196	3.549	3x380-415Δ	5.5	7.5	10		87.5	79.5	77	74	71	67	61.5	54	46	36.5	50	50	1128	300	81.1			
NKV 15/7 S T	60185080	3.877	3x380-415Δ	5.5	7.5	10		102	92	89	86	82	77.5	70.5	62	52.5	41.5	50	50	1176	300	82.6			
NKV 15/8 S T	60187692	4.433	3x380-415Δ	7.5	10	13.1		117	106.5	103	99.5	95	90	82.5	72.5	62	49	50	50	1246	300	86.5			
NKV 15/9 S T	60190369	4.845	3x380-415Δ	7.5	10	13.1		131.5	119	115.5	111	106	100.5	92	81	69	54.5	50	50	1294	300	88			
NKV 15/10 S T	60190370	5.659	3x380-415Δ	11	15	19.7		147.5	134.5	131	126.5	121	115	106	94	80.5	65	50	50	1437	300	115			
NKV 15/11 S T	60190371	5.997	3x380-415Δ	11	15	19.7		162	148	143.5	139	133	126.5	116.5	103	88.5	71	50	50	1485	300	116.5			
NKV 15/12 S T	60190372	6.177	3x380-415Δ	11	15	19.7		176.5	161	156.5	151	144.5	137.5	126.5	112	96	77	50	50	1533	300	118			
NKV 15/13 S T	60190373	6.498	3x380-415Δ	11	15	19.7		191	174.5	169	163.5	156.5	148.5	136.5	120.5	103	82.5	50	50	1581	300	119.5			
NKV 15/14 S T	60190374	7.029	3x380-415Δ	11	15	19.7		205.5	187.5	182	175.5	168	159	146	129	110.5	88	50	50	1629	300	121			
NKV 15/15 S T	60190375	7.431	3x380-415Δ	15	20	26.7		221	201	195.5	188.5	180.5	171.5	157.5	139.5	119.5	95.5	50	50	1728	300	131			
NKV 15/16 S T	60190376	7.888	3x380-415Δ	15	20	26.7		235.5	214	208	200.5	192	182.5	167.5	148	126.5	101.5	50	50	1776	300	132.5			
NKV 15/17 S T	60190377	7.888	3x380-415Δ	15	20	26.7		249.5	227.5	220.5	213	203.5	193	177.5	156.5	134	107	50	50	1824	300	134			

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SWIMMING POOL PUMPS

FIRE FIGHTING

NKV 1, 3, 6, 10, 15, 20 - S

VERTICAL MULTISTAGE CENTRIFUGAL ELECTRIC PUMPS WITH COUPLING



NKV 20 S

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA															
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A	Q=m³/h	0	10	12	14	16	18	20	22	24	28	DNA	DNM	H mm	CENTRE DISTANCE mm	WEIGHT KG
				kW	HP		Q=l/min	0	167	200	233	266	300	333	367	400	467					
NKV 20/1 ST	60190378	1.746	3x220-240Δ/380-415V	1.1	1.5	4,1/2,4	H (m)	15.5	13.5	13	13	12.5	12	11	10	8.5	6	50	50	633	300	30.6
NKV 20/2 ST	60190379	2.203	3x220-240Δ/380-415V	2.2	3	7,8/4,6		31	27.5	27	26	25	24	22.5	20.5	18	12	50	50	678	300	37
NKV 20/3 ST	60186460	2.898	3x380-415Δ	3	4	5.6		46.5	41.5	40.5	39.5	38	36.5	34.5	31	27.5	18.5	50	50	775	300	45.8
NKV 20/4 ST	60190380	3.672	3x380-415Δ	4	5.5	7		62.5	56	55	53.5	51.5	49.5	46.5	42.5	37	25.5	50	50	823	300	51
NKV 20/5 ST	60190381	4.016	3x380-415Δ	5.5	7.5	10		78	70	68.5	66.5	64.5	62	58	53	47	32.5	50	50	1080	300	80.1
NKV 20/6 ST	60187641	4.464	3x380-415Δ	7.5	10	13.1		94.5	86.5	84.5	82.5	80	77.5	73.5	67.5	60	42.5	50	50	1150	300	84
NKV 20/7 ST	60187642	4.810	3x380-415Δ	7.5	10	13.1		110	100.5	98	95.5	93	90	85	77.5	69	48.5	50	50	1198	300	85
NKV 20/8 ST	60190382	6.014	3x380-415Δ	11	15	19.7		126.5	117	114	112	109	106	100.5	92.5	82.5	59.5	50	50	1341	300	112.5
NKV 20/9 ST	60187643	6.436	3x380-415Δ	11	15	19.7		142.5	131	128	125.5	122	118.5	112.5	103.5	92.5	66.5	50	50	1389	300	114
NKV 20/10 ST	60190383	6.874	3x380-415Δ	11	15	19.7		158	145.5	142	139	135	131.5	124.5	114	102	73	50	50	1437	300	115
NKV 20/11 ST	60190384	7.280	3x380-415Δ	15	20	26.7		174	160	156.5	153	149	144.5	137	126	113	81	50	50	1536	300	125.5
NKV 20/12 ST	60190385	7.473	3x380-415Δ	15	20	26.7		189.5	174.5	170.5	167	162	157.5	149	137	122.5	87.5	50	50	1584	300	127
NKV 20/13 ST	60190386	8.033	3x380-415Δ	15	20	26.7		205	188.5	184	180	175	170	161	147.5	132	94	50	50	1632	300	128.5
NKV 20/14 ST	60190387	8.165	3x380-415Δ	15	20	26.7		220.5	202.5	198	193.5	188	182.5	172.5	158	141	100.5	50	50	1680	300	130
NKV 20/15 ST	60190388	9.290	3x380-415Δ	18.5	25	33		237	217.5	212.5	208	202	196	185.5	170.5	152	108.5	50	50	1794	300	167
NKV 20/16 ST	60190389	9.541	3x380-415Δ	18.5	25	33		252.5	231.5	226	221	215	208.5	197	181	161.5	115	50	50	1842	300	168.5
NKV 20/17 ST	60190390	9.940	3x380-415Δ	18.5	25	33		268	245.5	240	234.5	227.5	221	209	191.5	171	121.5	50	50	1890	300	170

SPECIAL VERSIONS

MODEL	PRICE € TYPE QQE (1)	PRICE € TYPE QQV (2)	PRICE € TYPE BQV (3)	PRICE € TYPE UUE (4)
NKV 1 - 3 - 6 - 10	133	142	102	496
NKV 15 - 20	140	261	140	527

SPECIAL MECHANICAL SEALS

- (1) **SPECIAL Mech. Seal type QQE** = SIC - SIC - EPDM = Silicon Carbide/Silicon Carbide/AISI 316/EPDM
- (2) **SPECIAL Mech. Seal type QQV** = SIC - SIC - VITON = Silicon Carbide/Silicon Carbide/AISI 316/FKM
- (3) **SPECIAL Mech. Seal type BQV** = SIC - CAR - VITON = Silicon Carbide/Carbon/AISI 316/FKM
- (4) **SPECIAL Mech. Seal type UUE** = WC - WC - EPDM = Tungsten Carbide/Tungsten Carbide/AISI 316/EPDM

NKV 32, 45, 65, 95

VERTICAL MULTISTAGE CENTRIFUGAL ELECTRIC PUMPS WITH COUPLING



The product image is purely indicative.

Vertical multistage centrifugal pumps in AISI 304 stainless steel and cast iron with coupling, designed for pressurization, water circulation in heating and air conditioning systems in civil and commercial installations, agriculture and irrigation systems, and washing systems.

Cataphoresis treated cast iron pump body.

AISI 304 stainless steel impellers, diffusers and pump liner, X version in AISI 316 stainless steel on request.

The pumps are particularly versatile due to the centre distance between the in-line ports designed to maximise interchangeability. Graphite/silicon carbide/EPDM cartridge mechanical seal that can be removed without removing the motor starting from 5.5 kW models.

Mechanical seals for aggressive liquids available on request.

Connections: cast iron or AISI 316 round flanges.

Coupled via removable rigid coupling to energy-efficient IE3 electric motors.

WRAS and ACS certified.

Operating range

20 To 115 m³/h with head up to 300 metres.

Pumped liquid

Clean, free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Maximum % glycol 30%.

Supported liquid temperature

-30 °C to +120 °C (EPDM).

-15 °C to +120 °C (Viton/FKM).

Maximum ambient temperature +50°C.

Maximum working pressure bar / kPa

NKV 65, 95: 25 bar / 2500 kPa.

NKV 32, 45: 32 bar / 3200 kPa.

Motor protection degree IP55.

Motor insulation class F.

Impeller construction material

AISI 304 stainless steel, AISI 316 NKV X solely on request.

Single-phase power supply

Contact our sales network.

Three-phase power supply

220 - 240 / 380 - 415 V at 50 Hz up to 2.2 kW.

380 - 415 V at 50 Hz 3 kW.

Special versions available on request

Available with different types of mechanical seals for aggressive liquids. Connections: cast iron or AISI 316 round flanges. Liquid contact parts in AISI 316 stainless steel (X versions), other voltages and frequencies.

THREE-PHASE MOTORS	P2	< 0.75 kW	IE2
		≥ 0.75 kW < 75 kW	IE3
		≥ 75 kW	IE4



ACCESSORIES
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NKV 32

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA												DNA	DNM	H mm	CENTRE DISTANCE mm	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A	Q=m³/h	0	15	18	22	25	30	35	40	45							
				kW	HP		Q=l/min	0	250	300	367	417	500	583	667	750							
NKV 32/2-2 T	60180195	3.780	3x380-415Δ	4	5.5	7	H(m)	36	33.5	32.5	30.5	29.5	27	22.5	18	12.5	65	65	947	320	93		
NKV 32/2 T	60180196	4.191	3x380-415Δ	5.5	7.5	10		48.5	43.5	42.5	41	39.5	36.5	33.5	29	23.5	65	65	1114	320	140		
NKV 32/3-2 T	60180197	4.561	3x380-415Δ	5.5	7.5	10		60	54.5	53	50.5	48	44	38	31.5	23.5	65	65	1196	320	144		
NKV 32/3 T	60167525	5.235	3x380-415Δ	7.5	10	13.1		73	65	63.5	61	59	55	50	43.5	35.5	65	65	1243	320	125		
NKV 32/4-2 T	60167526	5.604	3x380-415Δ	7.5	10	13.1		84.5	76.5	74	70.5	68	62	55	46	35	65	65	1325	320	132		
NKV 32/4 T	60167527	6.706	3x380-415Δ	11	15	19.7		98	88	86	83	80.5	75	69	60	49.5	65	65	1345	320	203		
NKV 32/5-2 T	60167528	7.207	3x380-415Δ	11	15	19.7		109.5	99.5	97	93	89.5	83	74	63	49.5	65	65	1427	320	207		
NKV 32/5 T	60167529	7.657	3x380-415Δ	15	20	26.7		122.5	109.5	107	103.5	100	93.5	85.5	75	61.5	65	65	1495	320	214		
NKV 32/6-2 T	60167530	8.121	3x380-415Δ	15	20	26.7		134	121.5	118.5	113.5	109.5	101.5	91	78	61.5	65	65	1577	320	218		
NKV 32/6 T	60167531	8.496	3x380-415Δ	15	20	26.7		146.5	131	128	123.5	119.5	111.5	102	89	73	65	65	1577	320	218		
NKV 32/7-2 T	60167532	8.496	3x380-415Δ	15	20	26.7		158	142.5	139	133.5	128.5	119	107	91.5	72.5	65	65	1659	320	222		
NKV 32/7 T	60167533	8.870	3x380-415Δ	18.5	25	33		171	152.5	149	144	139.5	130	119	103.5	85	65	65	1703	320	243		
NKV 32/8-2 T	60167534	9.983	3x380-415Δ	18.5	25	33		182.5	164.5	160	154	148.5	137.5	124	106	84.5	65	65	1785	320	247		
NKV 32/8 T	60167535	10.349	3x380-415Δ	18.5	25	33		194.5	174	169.5	164	158.5	147.5	134.5	117	95.5	65	65	1785	320	247		
NKV 32/9-2 T	60167536	11.332	3x380-415Δ	22	30	38.1		208.5	188.5	184	177	171	159	144	124.5	100.5	65	65	1898	320	283		
NKV 32/9 T	60167537	11.705	3x380-415Δ	22	30	38.1		221	198	194	187.5	181.5	169.5	155.5	136	112	65	65	1898	320	283		
NKV 32/10-2 T	60167538	11.705	3x380-415Δ	22	30	38.1		233	210	205	197.5	191	177.5	161	139	112	65	65	1980	320	290		
NKV 32/10 T	60167539	12.288	3x380-415Δ	30	40	52.1		246.5	221.5	217	210	203.5	190.5	175	153.5	126.5	65	65	2075	320	363		
NKV 32/11-2 T	60167540	14.036	3x380-415Δ	30	40	52.1		258	233.5	228.5	220.5	213	198.5	180.5	156.5	127	65	65	2157	320	367		
NKV 32/11 T	60167541	15.199	3x380-415Δ	30	40	52.1		271	243.5	238	230.5	223.5	209	192	168	138.5	65	65	2157	320	367		
NKV 32/12-2 T	60167542	15.199	3x380-415Δ	30	40	52.1		282.5	255.5	249.5	241	233	217	197.5	171	139	65	65	2239	320	371		
NKV 32/12 T	60167543	15.723	3x380-415Δ	30	40	52.1		295	265.5	259.5	251	243	227.5	208.5	182.5	150.5	65	65	2239	320	371		
NKV 32/13-2 T	60167544	15.723	3x380-415Δ	30	40	52.1		307	277.5	271	261.5	252.5	235.5	214	185.5	151	65	65	2321	320	375		
NKV 32/13 T	60167545	15.723	3x380-415Δ	30	40	52.1		319.5	287	280.5	271.5	263	246	225.5	197	162.5	65	65	2321	320	375		

NKV 32, 45, 65, 95

VERTICAL MULTISTAGE CENTRIFUGAL ELECTRIC PUMPS WITH COUPLING



NKV 45

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA												DNA	DNM	H mm	CENTRE DISTANCE mm	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A	Q=m³/h	0	18	25	30	40	54	60	65	70							
				kW	HP		Q=l/min	0	300	417	500	667	900	1000	1083	1166							
NKV 45/2-2 T	60180198	4.067	3x380-415Δ	5.5	7.5	10.2	H (m)	38.5	37	35.5	34.5	31	23	18.5	14.5	10	80	80	1149	365	146		
NKV 45/2 T	60167546	5.011	3x380-415Δ	7.5	10	14.4		48.5	47	45.5	44	41.5	34	30.5	26.5	23	80	80	1196	365	127		
NKV 45/3-2 T	60167547	6.710	3x380-415Δ	11	15	19.7		63	61.5	59.5	58	53.5	42	36	30	24	80	80	1298	365	205		
NKV 45/3 T	60167548	6.710	3x380-415Δ	11	15	19.7		73.5	71	69	67	63	52.5	47	41	34	80	80	1298	365	205		
NKV 45/4-2 T	60167549	8.370	3x380-415Δ	15	20	26.7		87.5	85	82	80	74	59.5	51	43	34	80	80	1448	365	216		
NKV 45/4 T	60167550	8.370	3x380-415Δ	15	20	26.7		97.5	94.5	91.5	89	84	69.5	62	54.5	45	80	80	1448	365	216		
NKV 45/5-2 T	60167551	8.743	3x380-415Δ	18.5	25	33		112	108.5	105	102	94.5	76.5	66	56	45	80	80	1574	365	241		
NKV 45/5 T	60167552	9.500	3x380-415Δ	18.5	25	33		122	118	114	111	104.5	86.5	77	67.5	56	80	80	1574	365	241		
NKV 45/6-2 T	60167553	10.671	3x380-415Δ	22	30	38.5		137.5	133.5	129	126	117.5	95.5	83.5	72	58	80	80	1687	365	276		
NKV 45/6 T	60167554	10.677	3x380-415Δ	22	30	38.5		147.5	143.5	138.5	135	127	106	95	83.5	71	80	80	1687	365	276		
NKV 45/7-2 T	60167555	12.192	3x380-415Δ	30	40	52.1		162.5	158	153	149.5	139.5	115	101	87.5	73	80	80	1864	365	356		
NKV 45/7 T	60167556	12.192	3x380-415Δ	30	40	52.1		172.5	168	162.5	158.5	149.5	125.5	112	99	83	80	80	1864	365	356		
NKV 45/8-2 T	60167557	13.969	3x380-415Δ	30	40	52.1		187	182	176	171.5	160.5	132	116.5	101	83	80	80	1946	365	360		
NKV 45/8 T	60167558	13.969	3x380-415Δ	30	40	52.1		197	191.5	185.5	181	170.5	142.5	127.5	112.5	94	80	80	1946	365	360		
NKV 45/9-2 T	60167559	14.462	3x380-415Δ	37	50	64		211.5	205.5	199	194	181.5	149.5	132	114.5	94	80	80	2028	365	384		
NKV 45/9 T	60167560	15.123	3x380-415Δ	37	50	64		221.5	215.5	208	203	191.5	160	143	126	106	80	80	2028	365	384		
NKV 45/10-2 T	60167561	15.863	3x380-415Δ	37	50	64		235.5	229	221.5	216	202	166.5	147	127.5	106	80	80	2110	365	388		
NKV 45/10 T	60167562	15.863	3x380-415Δ	37	50	64		246	239	230.5	225	212	177	158	139	117	80	80	2110	365	388		
NKV 45/11-2 T	60167563	20.115	3x380-415Δ	45	60	75.9		261	254	245.5	239.5	224.5	186	164.5	143.5	119	80	80	2232	365	449		
NKV 45/11 T	60167564	20.115	3x380-415Δ	45	60	75.9		271	263.5	255	249	234.5	196.5	175.5	155	130	80	80	2232	365	449		
NKV 45/12-2 T	60167565	20.608	3x380-415Δ	45	60	75.9		285.5	277.5	268.5	261.5	245.5	203	179.5	156.5	130	80	80	2314	365	453		
NKV 45/12 T	60167566	20.608	3x380-415Δ	45	60	75.9		295.5	287.5	277.5	271	255.5	213.5	191	168.5	142	80	80	2314	365	453		

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

NKV 32, 45, 65, 95

VERTICAL MULTISTAGE CENTRIFUGAL ELECTRIC PUMPS WITH COUPLING



NKV 65

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA												DNA	DNM	H mm	CENTRE DISTANCE mm	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A	Q=m³/h	0	30	42	45	54	60	72	78	85							
				kW	HP		Q=l/min	0	500	700	750	900	1000	1200	1300	1417							
NKV 65/2-2 T	60168471	4.957	3x380-415Δ	7.5	10	14.4	H(m)	39	37.5	35.5	35	33	31	25	22	17.5	100	100	1266	365	84		
NKV 65/2 T	60168472	6.493	3x380-415Δ	11	15	19.7		56.5	51	48.5	48	46	45	41	38.5	34.5	100	100	1354	365	155		
NKV 65/3-2 T	60168473	8.136	3x380-415Δ	15	20	26.7		67.5	63.5	60.5	59.5	56.5	54	46.5	42	35.5	100	100	1446	365	171		
NKV 65/3 T	60168474	8.136	3x380-415Δ	18.5	25	33		84.5	76	72.5	71.5	69	67	61.5	57.5	51.5	100	100	1490	365	213		
NKV 65/4-2 T	60168475	9.281	3x380-415Δ	18.5	25	33		95.5	88.5	84	83	79	75.5	66	60.5	52	100	100	1582	365	213		
NKV 65/4 T	60168476	10.875	3x380-415Δ	22	30	38.5		113.5	102.5	97.5	96.5	92.5	90.5	83	78	70	100	100	1613	365	255		
NKV 65/5-2 T	60168477	12.288	3x380-415Δ	30	40	52.1		125	116	110.5	109	104.5	101	90	83	72.5	100	100	1801	365	471		
NKV 65/5 T	60168478	13.505	3x380-415Δ	30	40	52.1		142	129	122.5	121	116.5	114	105	98.5	88.5	100	100	1801	365	471		
NKV 65/6-2 T	60168479	13.505	3x380-415Δ	30	40	52.1		153	141.5	134.5	133	127.5	123	110	102	89.5	100	100	1893	365	471		
NKV 65/6 T	60168480	13.941	3x380-415Δ	37	50	64		170	154	147	145	139.5	136	125	117.5	105.5	100	100	1893	365	517		
NKV 65/7-2 T	60168481	14.566	3x380-415Δ	37	50	64		181.5	166.5	158.5	156.5	150	145	130.5	120.5	106.5	100	100	1985	365	517		
NKV 65/7 T	60168482	17.486	3x380-415Δ	45	60	75.9		199	180.5	172	169.5	163.5	159.5	147	138	124	100	100	2025	365	653		
NKV 65/8-2 T	60168483	19.275	3x380-415Δ	45	60	75.9		210	193	184	181.5	174	168.5	152	141.5	125	100	100	2117	365	653		
NKV 65/8 T	60168484	19.275	3x380-415Δ	45	60	75.9		227	206	196	193.5	186	181.5	167	157	141	100	100	2117	365	653		

NKV 95

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA											DNA	DNM	H mm	CENTRE DISTANCE mm	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A	Q=m³/h	0	45	60	72	78	85	96	108	118						
				kW	HP		Q=l/min	0	750	1000	1200	1300	1417	1600	1800	1967						
NKV 95/2-2 T	60168485	6.513	3x380-415Δ	11	15	19.7	H(m)	44.5	43	41	38.5	36.5	34	28.5	21.5	15	100	100	1354	380	186	
NKV 95/2 T	60168486	8.175	3x380-415Δ	15	20	26.7		62	55.5	51.5	49	47.5	45	41	35	28.5	100	100	1354	380	196	
NKV 95/3-2 T	60168487	9.262	3x380-415Δ	18.5	25	33		75.5	70.5	66.5	62.5	59.5	56	48.5	38.5	28.5	100	100	1490	380	217	
NKV 95/3 T	60168488	10.964	3x380-415Δ	22	30	38.5		93.5	84	78	74	72	69	62.5	53.5	44	100	100	1521	380	238	
NKV 95/4-2 T	60168489	14.077	3x380-415Δ	30	40	52.1		108	100	94.5	89	85.5	81	71.5	59	46	100	100	1708	380	343	
NKV 95/4 T	60168490	14.077	3x380-415Δ	30	40	52.1		125.5	112.5	105	99.5	96.5	92.5	84	72	60	100	100	1708	380	343	
NKV 95/5-2 T	60168491	15.255	3x380-415Δ	37	50	64		139	127.5	120	113.5	109	103.5	92	76	60	100	100	1801	380	379	
NKV 95/5 T	60168492	15.255	3x380-415Δ	37	50	64		156	140	130.5	123.5	120	114.5	104.5	89	74	100	100	1801	380	379	
NKV 95/6-2 T	60168493	19.635	3x380-415Δ	45	60	75.9		170.5	156	146.5	138.5	134	127	113.5	94.5	75.5	100	100	1933	380	455	
NKV 95/6 T	60168494	19.635	3x380-415Δ	45	60	75.9	188	169	157	149	144.5	138.5	126	108	89.5	100	100	1933	380	455		

SPECIAL VERSIONS

MODEL	PRICE € TYPE QQE (1)	PRICE € TYPE QQV (2)	PRICE € TYPE BQV (3)	PRICE € TYPE UUE (4)
NKV 32 - 45 - 65 - 95	453	710	284	1.454

SPECIAL MECHANICAL SEALS

- (1) **SPECIAL Mech. Seal type QQE** = SIC - SIC - EPDM = Silicon Carbide/Silicon Carbide/AISI 316/EPDM
- (2) **SPECIAL Mech. Seal type QQV** = SIC - SIC - VITON = Silicon Carbide/Silicon Carbide/AISI 316/FKM
- (3) **SPECIAL Mech. Seal type BQV** = SIC - CAR - VITON = Silicon Carbide/Carbon/AISI 316/FKM
- (4) **SPECIAL Mech. Seal type UUE** = WC - WC - EPDM = Tungsten Carbide/Tungsten Carbide/AISI 316/EPDM

ACCESSORIES

END SUCTION, STANDARDISED AND MULTISTAGE VERTICAL PUMPS

ACCESSORIES FOR END SUCTION AND VERTICAL MULTISTAGE PUMPS

CENTRIFUGAL ELECTRIC PUMPS

FLANGE KIT	MODEL	CODE	PRICE €	COUNTERFLANGES AND SEALS	THREADED	MATERIAL	PN	NKM-GE - NKP-GE NKM-G- NKP-G	KDNE - KDN
	DN 32	109620520	133	1 x DN 32 + 1 x DN 50	Threaded	STEEL	16	•	•
	DN 40	109620530	155	1 x DN 40 + 1 x DN 65	Threaded	STEEL	16	•	•
	DN 50	109620540	158	1 x DN 50 + 1 x DN 65	Threaded	STEEL	16	•	•
	DN 65	109620550	193	1 x DN 65 + 1 x DN 80	Threaded	STEEL	16	•	•
	DN 32	109620400	95	1 x DN 32 + 1 x DN 50	To weld	STEEL	16	•	•
	DN 40	109620410	105	1 x DN 40 + 1 x DN 65	To weld	STEEL	16	•	•
	DN 50	109620420	109	1 x DN 50 + 1 x DN 65	To weld	STEEL	16	•	•
	DN 50/1	60115139	117	1 x DN 50 + 1 x DN 80	To weld	STEEL	16		•
	DN 65	109620430	133	1 x DN 65 + 1 x DN 80	To weld	STEEL	16	•	•
	DN 80	109620440	156	1 x DN 80 + 1 x DN 100	To weld	STEEL	16	•	•
	DN 100	109620450	187	1 x DN 100 + 1 x DN 125	To weld	STEEL	16	•	•
	DN 125	109620460	237	1 x DN 125 + 1 x DN 150	To weld	STEEL	16	•	•
	DN 150	109620470	329	1 x DN 150 + 1 x DN 200	To weld	STEEL	16 (10 x DN 200)	•	•
	DN 200	109620480	465	1 x DN 200 + 1 x DN 250	To weld	STEEL	16 (10 x DN 200)		•
	DN 250/1	109620500	742	1 x DN 250 + 1 x DN 300	To weld	STEEL	16		•
	DN 300	109620510	883	1 x DN 300 + 1 x DN 350	To weld	STEEL	16		•

The kit includes the suction and delivery counterflanges with corresponding seals, screws and nuts required by the relevant pump size.

ACCESSORIES - VERTICAL CENTRIFUGAL ELECTRIC PUMPS

FLANGE KIT	MODEL	CODE	PRICE €	COUNTERFLANGES AND SEALS	THREADED	MATERIAL	PN	NKV / NKVE 1-3	NKV / NKVE 6	NKV / NKVE 10	NKV / NKVE 15-20	NKV / NKVE 32	NKV / NKVE 45	NKV / NKVE 65-95
	DN 25X1"	60197941	158	2 x DN 25	Threaded	AISI 304 STEEL	25	•						
	DN 32X1" 1/4	60197942	212	2 x DN 32	Threaded	AISI 304 STEEL	25		•					
	DN 40X1" 1/2	60197927	252	2 x DN 40	Threaded	AISI 304 STEEL	25			•				
	DN 40X1" 1/2	60119214	203	2 x DN 40	Threaded	STEEL	40			•				
	DN 50X2"	60197931	289	2 x DN 50	Threaded	AISI 304 STEEL	25				•			
	DN 50X2"	60119215	262	2 x DN 50	Threaded	STEEL	40				•			
	DN 65X2" 1/2	60197937	383	2 x DN 65	Threaded	AISI 304 STEEL	25					•		
	DN 65X2" 1/2	60163388	305	2 x DN 65	Threaded	STEEL	40					•		
	DN 80X3"	60197939	906	2 x DN 80	Threaded	AISI 304 STEEL	25						•	
	DN 80X3"	60163389	362	2 x DN 80	Threaded	STEEL	40						•	
	DN 100X4"	60168815	446	2 x DN 100	Threaded	STEEL	25							•

UNIONS	MODEL	CODE	PRICE €	KVC	KVCX
	MF 1 1/4" UNIONS (ONE FOR DNA AND ONE FOR DNM)	547820550	29	•	•

The unions must be ordered separately, one for suction and one for delivery.

ACCESSORIES FOR END SUCTION AND VERTICAL MULTISTAGE PUMPS

CENTRIFUGAL ELECTRIC PUMPS

SHIM KIT	MODEL	CODE	PRICE €	For pump type	P2 kW	DIMENSIONS A x B x H mm	NKM-G 4 POLES	NKP-G 2 POLES
 SHIM KIT nr 5	SHIM KIT NR 1	147120800	155	NKM-G 65-315/309/11/4	11	90 x 335 x 65	•	
	SHIM KIT NR 5	147120840	155	NKM-G 80-250/270/11/4	11	80 x 290 x 40	•	
	SHIM KIT NR 2	147120810	155	NKM-G 80-315/305/15/4	15	90 x 335 x 90	•	
	SHIM KIT NR 3	147120820	155	NKM-G 80-315/320/18.5/4	18.5	100 x 320 x 70	•	
				NKM-G 80-315/334/22/4	22			
	SHIM KIT NR 1	147120800	155	NKM-G 100-250/250/11/4	11	90 x 335 x 65	•	
				NKM-G 100-250/270/15/4	15			
	SHIM KIT NR 3	147120820	155	NKM-G 100-315/300/18.5/4	18.5	100 x 320 x 70	•	
				NKM-G 100-315/316/22/4	22			
	SHIM KIT NR 2	147120810	155	NKM-G 125-250/243/15/4	15	90 x 335 x 90	•	
	SHIM KIT NR 3	147120820	155	NKM-G 125-250/256/18.5/4	18.5	100 x 320 x 70	•	
				NKM-G 125-250/266/22/4	22			
	SHIM KIT NR 4	147120830	155	NKM-G 150-200/218/11/4	11	80 x 290 x 120	•	
	SHIM KIT NR 6	147120850	133	NKP-G 32-125/142/3/2	3	50 x 100 x 20		•
				NKP-G 32-160/177/5.5/2	5.5			
				NKP-G 40-125/130/3/2	3			
				NKP-G 40-125/139/4/2	4			
				NKP-G 40-160/158/5.5/2	5.5			
				NKP-G 40-160/172/7.5/2	7.5			
	SHIM KIT NR 7	147120860	158	NKP-G 40-200/210/11/2	11	70 x 332 x 20		•
				NKP-G 40-250/230/15/2	15			
				NKP-G 40-250/245/18.5/2	18.5			
	SHIM KIT NR 6	147120850	133	NKP-G 50-125/135/5.5/2	5.5	50 x 100 x 20		•
				NKP-G 50-125/144/7.5/2	7.5			
	SHIM KIT NR 7	147120860	158	NKP-G 50-160/169/11/2	11	70 x 332 x 20		•
				NKP-G 50-200/200/15/2	15			
				NKP-G 50-200/210/18.5/2	18.5			
				NKP-G 65-160/157/11/2	11			
				NKP-G 65-160/173/15/2	15			
				NKP-G 65-200/190/18.5/2	18.5			
				NKP-G 80-160/147-127/11/2	11			
				NKP-G 80-160/153/15/2	15			
				NKP-G 80-160/163/18.5/2	18.5			
	SHIM KIT NR 8	147120870	139	NKP-G 80-200/190/30/2	30	70 x 125 x 20		•

Can be supplied separately from the pump on request.

Used to position the pump horizontally during installation to compensate for different pump/motor shaft heights.

The kits include two shims with the dimensions A (width), B (length), H (height) shown in the table.

Shims with an H-dimension greater than 20 mm are supplied complete with screws, nuts and washers for attaching the pump/motor to the shim.



SUBMERSIBLE PUMPS

WHEN THE GOING GETS TOUGH...



DAB
MAKING WATER EASY

FX.DABPUMPS.COM

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SUBMERSIBLE PUMPS FOR THE DRAINAGE OF CLEAR WATER

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SUBMERSIBLE PUMPS FOR CLEAR WATER

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NOVA UP MAE

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VERTY NOVA

SUBMERSIBLE PUMPS WITH BUILT-IN FLOAT FOR CLEAR WATER

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DRENAG 1000, DRENAG 1200

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DRENAG FX

SUBMERSIBLE PUMPS FOR SANDY AND CONSTRUCTION SITE DRAINAGE

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SUBMERSIBLE PUMPS FOR SEWAGE WATER

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FEKA FX S

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FEKA VS GRINDER

SUBMERSIBLE WASTEWATER PUMPS WITH SHREDDER

WITH SHREDDER

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GRINDER FX

SUBMERSIBLE SEWAGE WATER PUMPS WITH SHREDDER

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NOVAIR

SUBMERSIBLE AERATOR

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CONTROL UNIT



NGPANEL

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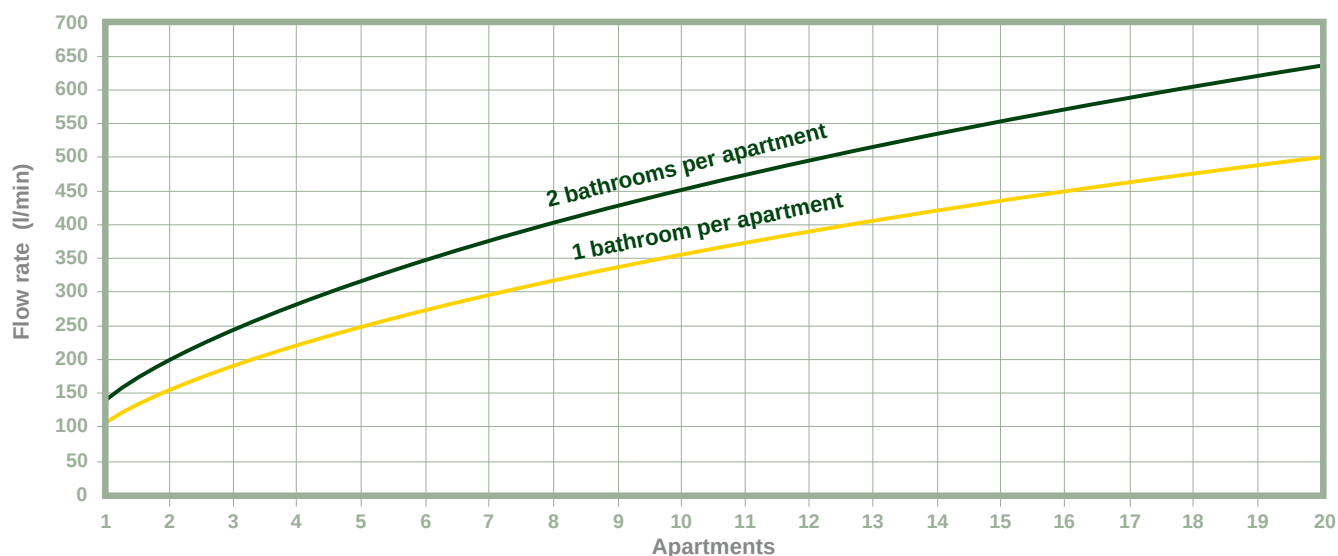
SWIMMING POOL PUMPS

FIRE FIGHTING

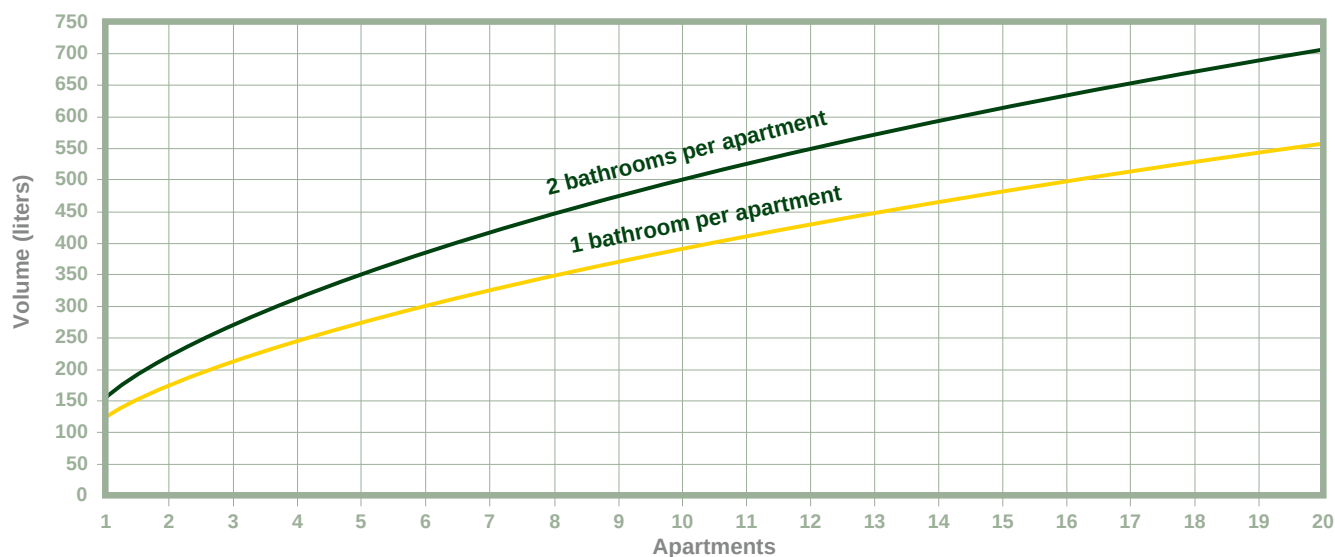
WHICH PUMP DO YOU NEED? FOLLOW THESE STEPS:

CALCULATION OF THE FLOW RATE

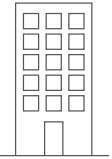
Flow rate curves in relation to the number of apartments.



Stated working volume in the storage tank



EXAMPLE OF SIZING

EXAMPLE	CALCULATION	INDICATIVE SELECTION OF PUMP AND TANK
2 APARTMENTS 2 BATHROOMS EACH 	<i>Indicative pump flow rate = 200 l/min</i> <i>Approximate volume of the tank = 250 liters</i>	 FEKA VS 550 + FEKAFOS 280
5 APARTMENTS 2 BATHROOMS EACH 	<i>Indicative pump flow rate = 325 l/min</i> <i>Approximate volume of the tank = 350 liters</i>	 2x FEKA VS 900 + FEKAFOS 280 DOUBLE* <i>* pump will make more starts</i>
15 APARTMENTS 2 BATHROOMS EACH 	<i>Indicative pump flow rate = 550 l/min</i> <i>Approximate volume of the tank = 625 liters</i>	 2x FEKA FX V 20.11 + FEKAFOS 550 DOUBLE* <i>* pump will make more starts</i>

The selection was based only on the required flow rate and not on the head, as the head depends on the installation (diameter of piping, distance between tank and ground..).

The head must be calculated in order to ensure correct sizing

WARNING: the calculations and tables shown on these pages are based on our experience and can never replace the calculations made by a qualified technician: they are therefore only intended to give a general, non-binding indication for planning purposes.

NOVA

SUBMERSIBLE PUMPS FOR CLEAR WATER



NOVA M-A



NOVA M-NA

Submersible pump for clear and rainwater drainage in domestic and residential applications.

Available in an automatic version with built-in float switch or in a manual start version.

Its typical application is to drain garages and floors to prevent flooding.

It can also be used for emptying tanks or cisterns and as a portable pump in emergency situations to drain water from flooded rooms.

The Nova series has been redesigned to mark 40 years on the market, making it even more reliable, durable and ergonomic.

It has a new treated cable and a new, more compact and efficient motor.

The pump body, impeller and suction grille are made of technopolymer, the motor shaft is made of AISI 431 stainless steel and is suitable for slightly salty water.

The impeller is treated to prevent corrosion.

Nova is robust and reliable thanks to its triple oil-filled ring seal and submersible, continuous-duty asynchronous motor.

The stator is housed in a hermetically sealed stainless steel casing and the rotor is mounted on oversized ball bearings.

Thermal protection is incorporated in all single-phase versions. Maximum dry running time: 1 minute.

In compliance with European standard EN 60335-2-41, a 10-metre power cable is mandatory for the pump in external use.

Pumped liquid Clear and rainwater.

Free passage

NOVA 180 and 200: 5 mm;

NOVA 300 and 600: 10 mm.

Liquid temperature range

+0°C to +35°C for domestic use;

+0°C to +50°C for other uses.

Outlet threaded 1 1/4" GAS.

Delivery direction horizontal or vertical.

Impeller open in technopolymer

Maximum immersion 7 metres.

Possible installation types

fixed or portable in vertical position.

Minimum height of suction

- NOVA 180 MA: 90 mm

- NOVA 180 M-NA: 8 mm

- NOVA 200 M-NA: 8 mm

- NOVA 300 MA: 100 mm

- NOVA 300 M-NA: 13 mm

- NOVA 600 MA: 150 mm

- NOVA 600 M-NA: 30 mm



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MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA						CABLE	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³/h	0	3	6	9	12			
					kW	HP		Q=l/min	0	50	100	150	200			
NOVA 180 M A 40TH 05H05	60195073H	210	1X230V~	0.19	0.2	0.27	0.9	H (m)	5	3.2				5m	4.6	48
NOVA 180 M A 40TH 10H05	60198013H	229	1X230V~	0.19	0.2	0.27	0.9		5	3.2				10m	4.6	48
NOVA 180 M NA 40TH 10H05	60195632H	212	1X230V~	0.19	0.2	0.27	0.9		5	3.2				10m	4.6	48
NOVA 200 M NA 40TH 10H05	60194402H	258	1X230V~	0.35	0.22	0.3	1.5		7.1	5.6	4.2	2.8	1.5	10m	4.6	48
NOVA 300 M A 40TH 05H05	60194400H	259	1X230V~	0.35	0.22	0.29	1.5		7.2	5.8	4.6	3.4	2.2	5m	4.6	48
NOVA 300 M A 40TH 10H05	60198014H	280	1X230V~	0.35	0.22	0.29	1.5		7.2	5.8	4.6	3.4	2.2	10m	4.6	48
NOVA 600 M A 40TH 05H05	60191566H	383	1X230V~	0.66	0.5	0.67	3		10.4	9	7.8	6.7	5.3	5m	7	32
NOVA 600 M A 40TH 10H05	60198015H	409	1X230V~	0.66	0.5	0.67	3		10.4	9	7.8	6.7	5.3	10m	7	32
NOVA 600 M NA 40TH 10H05	60195636H	403	1X230V~	0.66	0.5	0.67	3		10.4	9	7.8	6.7	5.3	10m	7	32
NOVA 600 T NA 40TH 10H07	60196306H	373	3X400V~	0.66	0.5	0.67	1.7		10.4	9	7.8	6.7	5.3	10m	7	32

A: Automatic with float

GROUPING: AP

RECOMMENDED ACCESSORIES

TYPE	DESCRIPTION	CODE	PRICE
ALARM DEVICE	SAFE ALERT - BUZZER FOR AUTOMATIC PUMPS	60220236	146
CONTROL PANEL*	E.BOX	-	-
CONTROL PANEL*	NGPANEL	-	-
HYDRAULIC KIT	REFLOW PREVENTION KIT1 1/4"	60220271	252
HYDRAULIC ACCESSORY	NON-RETURN BALL VALVE PN10 PVC 1 1/4" THREADED	002130285	168

* Always check the pump-panel combination in the selection tables

NOVA UP

SUBMERSIBLE PUMPS FOR CLEAR WATER



NOVA UP M-A

NOVA UP M-NA

Vertical delivery drainage pump, available in automatic or manual version with removable filter for suction up to 5 mm in domestic and residential installations; these features make it a robust pump and increase its versatility of installation.
Technopolymer pump body, impeller, cap and suction grille.
Stainless steel motor, rotor shaft and screws.
Triple ring seal with oil pre-chamber in between.
Submersible, continuous-duty asynchronous motor.
Stator housed in a hermetically sealed stainless steel enclosure.
Rotor mounted on ball bearings greased for life and oversized.
Built-in thermo-ampereometric protection and permanently inserted capacitor.

Pumped liquid clear and rainwater.
Free passage 10 mm.
Liquid temperature range
0°C to +35°C for domestic use;
0°C to +50°C for other uses.
Outlet threaded 1 1/4" GAS.
Delivery direction vertical.
Impeller open in technopolymer
Maximum immersion 7 metres.
Possible installation types
Fixed or portable in vertical position.
Minimum height of suction
NOVA UP 300 M-A: 120 mm
NOVA UP 300 M-NA: 60 mm
NOVA UP 600 M-A: 165 mm
NOVA UP 600 M-NA: 70 mm

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MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA															CABLE	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³/h	0	1	2	3	4.5	5	6	7	7.5	9	10	12	13.5				
					kW	HP		Q=l/min	0	16.6	33.3	50	75	83.3	100	116.6	125	150	166.6	200	225				
NOVA UP 300 M-A	60152305.	276	1X220 - 240 V~	0.38	0.21	0.28	1.5	H (m)	7.6	6.9	6.25	5.6	4.7	4.4	3.6	2.8	2.3	1				10m	5.8	39	
NOVA UP 300 M-NA	60152309.	268	1X220 - 240 V~	0.38	0.21	0.28	1.5		7.6	6.9	6.25	5.6	4.7	4.4	3.6	2.8	2.3	1				10m	5.6	39	
NOVA UP 600 M-A	60152306.	415	1X220 - 240 V~	0.77	0.52	0.69	3.5		9.8	9.4	9	8.5	7.7	7.4	6.8	6.2	5.9	4.7	3.9	2	0.3	10m	7.3	26	
NOVA UP 600 M-NA	60152310.	404	1X220 - 240 V~	0.77	0.52	0.69	3.5		9.8	9.4	9	8.5	7.7	7.4	6.8	6.2	5.9	4.7	3.9	2	0.3	10m	7.1	26	

A: Automatic with float

GROUPING: AP

RECOMMENDED ACCESSORIES

TYPE	DESCRIPTION	CODE	PRICE
ALARM DEVICE	SAFE ALERT - BUZZER FOR AUTOMATIC PUMPS	60220236	146
CONTROL PANEL*	E.BOX	-	-
CONTROL PANEL*	NGPANEL	-	-
HYDRAULIC KIT	REFLOW PREVENTION KIT1 1/4"	60220271	252
HYDRAULIC ACCESSORY	NON-RETURN BALL VALVE PN10 PVC 1 1/4" THREADED	002130285	168

* Always check the pump - panel combination in the selection tables

NOVA UP MAE

SUBMERSIBLE PUMPS FOR CLEAR WATER WITH ELECTRONIC FLOAT



NOVA UP MAE

NOVA UP MAE

Adjustable vertical delivery drainage electronic pump with removable filter for suction up to 5 mm. Available in automatic or manual version. The probe adjustment slider allows the pump's ON-OFF level to be varied; this feature increases its installation versatility. The vertical delivery and electronic float make this pump suitable for use in small pits. Technopolymer pump body, impeller, cap and suction grille. Stainless steel motor, rotor shaft and screws. Triple ring seal with oil pre-chamber in between. Submersible, continuous-duty asynchronous motor. Stator housed in a hermetically sealed stainless steel enclosure. Rotor mounted on ball bearings greased for life and oversized. Built-in thermo-amperometric protection and permanently inserted capacitor.

Pumped liquid clear and rainwater.

Free passage 10 mm.

Liquid temperature range

0°C to +35°C for domestic use;

0°C to +50°C for other uses.

Outlet Threaded 1 1/4" gas.

Delivery direction Vertical.

Impeller Open in technopolymer.

Maximum immersion 7 metres.

Possible installation types

fixed or portable in vertical position.

Minimum height of suction

NOVA UP 300 M-AE: 60 mm

NOVA UP 600 M-AE: 70 mm

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MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA															CABLE	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³h	0	1	2	3	4.5	5	6	7	7.5	9	10	12	13.5				
					kW	HP		Q=l/min	0	16.6	33.3	50	75	83.3	100	116.6	125	150	166.6	200	225				
NOVA UP 300 M-AE	60153572.	306	1X220 - 240 V~	0.38	0.21	0.28	1.5	H (m)	7.6	6.9	6.25	5.6	4.7	4.4	3.6	2.8	2.3	1				10 m.	5.6	39	
NOVA UP 600 M-AE	60153573.	443	1X220 - 240 V~	0.77	0.52	0.69	3.5		9.8	9.4	9	8.5	7.7	7.4	6.8	6.2	5.9	4.7	3.9	2	0.3	10 m.	7.3	26	

GROUPING: AP

RECOMMENDED ACCESSORIES

TYPE	DESCRIPTION	CODE	PRICE
ALARM DEVICE	SAFE ALERT - BUZZER FOR AUTOMATIC PUMPS	60220236	146
HYDRAULIC KIT	REFLOW PREVENTION KIT1 1/4"	60220271	252
HYDRAULIC ACCESSORY	NON-RETURN BALL VALVE PN10 PVC 1 1/4" THREADED	002130285	168

VERTY NOVA

SUBMERSIBLE PUMPS FOR CLEAR WATER WITH BUILT-IN FLOAT



Submersible pumps suitable for pumping clean water and specially designed for small sump pits (minimum 20 cm x 20 cm). Pump with built-in float in domestic and residential installations. Built with anti-corrosion and anti-oxidation materials. Low starting level (10-15 mm in manual). Operation mode selector: manual or automatic. Easy access to the float for cleaning thanks to the removable cover. Motor with thermal overheating protection. Excellent motor cooling, allowing the pump to run even when only partially submerged. Equipped with power cable with plug, non-return valve and 4-level connector.

Pumped liquid clear and rainwater.

Free passage 5 mm.

Liquid temperature range

0°C to +35°C for domestic use;

0°C to +50°C for other uses.

Outlet threaded 1 1/4" GAS.

Delivery direction Vertical

Impeller open in technopolymer.

Maximum immersion 7 metres.

Possible installation types

Fixed or portable in vertical position.

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MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA												CABLE	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³/h	0	1	2	3	4.5	5	6	7	7.5	9	10			
					kW	HP		Q=l/min	0	16.6	33.3	50	75	83.3	100	116.6	125	150	166.6			
VERTY NOVA 200 M	60122636H	258	1X230 V~	0.3	0.2	0.28	1.3	H (m)	6.9	6.5	6	5.8	4.5	4	3	1.8				10 m.	4.2	40
VERTY NOVA 400 M	60122637H	283	1X230 V~	0.6	0.4	0.55	2.6		9	8.8	8.5	8.1	7.8	7	6.7	6	5.7	4.2	3.5	10 m.	5.1	40

GROUPING: AP

RECOMMENDED ACCESSORIES

TYPE	DESCRIPTION	CODE	PRICE
ALARM DEVICE	SAFE ALERT - BUZZER FOR AUTOMATIC PUMPS	60220236	146
HYDRAULIC KIT	REFLOW PREVENTION KIT1 1/4"	60220271	252
HYDRAULIC ACCESSORY	NON-RETURN BALL VALVE PN10 PVC 1 1/4" THREADED	002130285	168

DRENAG 1000, DRENAG 1200

SUBMERSIBLE PUMPS FOR CLEAR WATER, RAINWATER AND SANDY WATER FROM CONSTRUCTION SITES



Submersible pumps suitable for draining rainwater, groundwater and sandy water from construction sites and generally for all clear, non-aggressive wastewater. The single-phase version can be supplied with a float for automatic operation. The pump body, impeller, motor flange, filter, disc, motor casing, casing with handle and wiring compartment cover are made of AISI 304 stainless steel. Fitted with an insulating rubber-coated handle and an AISI 316 stainless steel motor shaft. Drenag pumps have a double mechanical seal with an oil chamber in between (non-toxic oil), made of carbon/alumina on the motor side and silicon carbide/silicon carbide on the pump side. The motor is dry, asynchronous, watertight and cooled by the pumped liquid. The rotor is mounted on sealed ball bearings greased for life, oversized and selected for low noise and durability. Standard built-in thermo-ampere protection and a permanently inserted capacitor in the single-phase version. Power cable with Schuko plug for single-phase version. The maximum ambient temperature for using the Drenag is +40°C with the motor above ground.

Pumped liquid clear and rainwater, gray water and sandy water from construction sites.

Free passage 10 mm.

Liquid temperature range

0°C to +35°C for domestic use;

0°C to +50°C for other uses.

Outlet threaded 1 1/2" GAS

Delivery direction vertical.

Impeller Open in stainless steel

Possible installation types
fixed or portable in vertical or horizontal position.

Maximum immersion 7 metres.

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MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA												CABLE	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³/h	0	3	6	9	12	15	18	24						
					kW	HP		Q=l/min	0	50	100	150	200	250	300	400						
DRENAG 1000 M-A	103041000H	1.170	1X230 V~	1.29	1	1.36	6	H(m)	15.3	13.7	12.1	10.5	8.7	6.8	4.7		10 m	17	24			
DRENAG 1000 M-NA	103041010H	1.132	1X230 V~	1.29	1	1.36	6		15.3	13.7	12.1	10.5	8.7	6.8	4.7		10 m	17	24			
DRENAG 1000 T-NA	103041020H	1.124	3X400 V~	1.18	1	1.36	2.43		15.3	13.7	12.1	10.5	8.7	6.8	4.7		10 m	17	24			
DRENAG 1200 M-A	103041040H	1.284	1X230 V~	1.85	1.2	1.6	7.5		17	15.4	13.8	12.4	10.7	9	7.3	3.3	10 m	18.5	24			
DRENAG 1200 M-NA	103041050H	1.240	1X230 V~	1.85	1.2	1.6	7.5		17	15.4	13.8	12.4	10.7	9	7.3	3.3	10 m	18.5	24			
DRENAG 1200 T-NA	103041060H	1.232	3X400 V~	1.65	1.2	1.6	3.24		17	15.4	13.8	12.4	10.7	9	7.3	3.3	10 m	18.5	24			

A: Automatic with float

GROUPING: AP

RECOMMENDED ACCESSORIES

TYPE	DESCRIPTION	CODE	PRICE
ALARM DEVICE	SAFE ALERT - BUZZER FOR AUTOMATIC PUMPS	60220236	146
CONTROL PANEL*	E.BOX	-	-
CONTROL PANEL*	NGPANEL	-	-
HYDRAULIC KIT	REFLOW KIT 1 1/2"	60220272	252
HYDRAULIC ACCESSORY	NON-RETURN BALL VALVE PN10 PVC 1 1/2" THREADED	002130286	197
HYDRAULIC ACCESSORY	NON-RETURN BALL VALVE 1 1/2" THREADED	60160626	112

* Recommended for non-automatic versions, always check the pump-panel combination in the selection tables

DRENAG FX

SUBMERSIBLE PUMPS FOR SANDY AND CONSTRUCTION SITE DRAINAGE



Submersible pump for draining clear water from drains in civil and commercial installations and draining groundwater or rainwater. Designed for high head applications. The pump is certified according to the wastewater standard EN 12050-2. It is suitable for fixed installations with a coupling device or portable if placed directly on the bottom of the tank. Its small size and flanged and threaded delivery port make it excellent for replacements. Open, rubberized, wear-resistant impeller for use even in the presence of abrasive particles. Double silicon carbide mechanical seal completely protected in the oil chamber and not in contact with the pumped liquid. Motor shaft made of AISI 431 stainless steel for P2 <1.2 kW and AISI 304 for P2 > 1.5 kW, resin-coated cable gland with quick coupling. Its small footprint and flanged and threaded delivery ports make it ideal for replacements. Designed for quick maintenance thanks to a construction solution that provides easy access to the pump's main components. Single-phase versions with built-in capacitor, available with float for automatic operation with power ratings up to 1.5 kW. In three-phase versions, protection is the responsibility of the user. Maximum dry running time: 10 min.

ATEX version available for use in potentially explosive environments (ATEX certification: II2G Ex db IIB T4 GB).

Pumped liquid Clear and rainwater, gray water and sandy water from construction sites.

Free passage 10 mm.

Liquid temperature range
+50°C (+60°C for short periods);
+40°C for ATEX version.

Outlet

Threaded 1 1/2" GAS
Flanged DN 32 and DN 40.

Delivery direction Horizontal and vertical with 1 1/2" elbow kit accessory.

Impeller Open in cast iron.

Maximum immersion 7 metres.

Possible installation types

Portable on the ground, fixed on coupling device.

DRENAG FX

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MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA															DNM		CABLE	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL kW	HP	In A	Q=m³h	0	3	6	9	12	15	18	21	24	27	30								
								Q=l/min	0	50	100	150	200	250	300	350	400	450	500								
DRENAG FX 15.07 MA	60191219	1.418	1x230 V	1.1	0.8	1.1	5.1	H (m)	16.2	14.5	12.6	10.5	8.1	5.5	2.8					Rp 1 1/2 GAS	DN32 PN10 / 6 DN40 PN6	10 m	35	6			
DRENAG FX 15.07 MNA	60191217	1.390	1x230 V	1.1	0.8	1.1	5.1		16.2	14.5	12.6	10.5	8.1	5.5	2.8					Rp 1 1/2 GAS	DN32 PN10 / 6 DN40 PN6	10 m	35	6			
DRENAG FX 15.07 S TNA	60191218	1.390	3x400 V	1	0.8	1.1	2.1		16.2	14.5	12.6	10.5	8.1	5.5	2.8					Rp 1 1/2 GAS	DN32 PN10 / 6 DN40 PN6	10 m	35	6			
DRENAG FX 15.11 MA	60191239	1.571	1x230 V	1.5	1.2	1.6	6.8		23.3	21.5	19.3	16.7	13.8	10.6	7.3	3.8				Rp 1 1/2 GAS	DN32 PN10 / 6 DN40 PN6	10 m	35	6			
DRENAG FX 15.11 MNA	60191237	1.540	1x230 V	1.5	1.2	1.6	6.8		23.3	21.5	19.3	16.7	13.8	10.6	7.3	3.8				Rp 1 1/2 GAS	DN32 PN10 / 6 DN40 PN6	10 m	35	6			
DRENAG FX 15.11 S TNA	60191238	1.540	3x400 V	1.5	1.2	1.6	2.8		23.3	21.5	19.3	16.7	13.8	10.6	7.3	3.8				Rp 1 1/2 GAS	DN32 PN10 / 6 DN40 PN6	10 m	35	6			
DRENAG FX 15.15 MA	60191257	1.754	1x230 V	2.3	1.8	2.4	10.6		26.4	24.9	23.1	21.1	18.9	16.6	14.2	11.8	9.5	7.4		Rp 1 1/2 GAS	DN32 PN10 / 6 DN40 PN6	10 m	38	6			
DRENAG FX 15.15 MNA	60191255	1.720	1x230 V	2.3	1.8	2.4	10.6		26.4	24.9	23.1	21.1	18.9	16.6	14.2	11.8	9.5	7.4		Rp 1 1/2 GAS	DN32 PN10 / 6 DN40 PN6	10 m	38	6			
DRENAG FX 15.15 S TNA	60191256	1.720	3x400 V	2.5	1.8	2.4	4.3		26.4	24.9	23.1	21.1	18.9	16.6	14.2	11.8	9.5	7.4		Rp 1 1/2 GAS	DN32 PN10 / 6 DN40 PN6	10 m	38	6			
DRENAG FX 15.22 S TNA	60191277	1.980	3x400 V	3.1	2.3	3.1	5.2		31.8	30	28.2	26.3	24.3	22.1	19.8	17.4	14.8	12	9	Rp 1 1/2 GAS	DN32 PN10 / 6 DN40 PN6	10 m	39	6			

A: Automatic with float

S: Oil Sensor

GROUPING: AP

RECOMMENDED ACCESSORIES

TYPE	DESCRIPTION	CODE	PRICE	Standalone installation	Installation with lifting device
CONTROL PANEL*	NGPANEL	-	-	•	•
HYDRAULIC ACCESSORY	NON-RETURN BALL VALVE 1 1/2" THREADED	60160626	112	•	•
INSTALLATION ACCESSORY	90° ELBOW KIT 1 1/2" GAS FX	60195857	197	•	
INSTALLATION ACCESSORY	DA-050 HORIZONTAL COUPLING DEVICE	60195865	280		•
HYDRAULIC ACCESSORY	CHAIN KIT WITH 3M SHACKLE A316 MAX 150KG	60171183	140		•

* Always check the pump-panel combination in the selection tables

FX C

SUBMERSIBLE PUMPS FOR CLEAR, GRAY AND RAINWATER



Submersible pump for lifting and pumping wastewater from drains in civil and commercial installations. Certified according to the wastewater standard EN 12050-2. The FX C is suitable for wastewater and sewage water without long fibres, rainwater and groundwater. Suitable for the drainage of areas subject to flooding, when high flow rates are required.

The pump is suitable for fixed installations with a coupling device or portable if placed directly on the bottom of the tank. Channel impeller, 50 mm free passage and anti-blocking system. Double silicon carbide mechanical seal completely protected in the oil chamber and not in contact with the pumped liquid. Motor shaft made of AISI 304 stainless steel, resin-coated cable gland, quick connecting power cable.

Its small footprint and flanged and threaded delivery ports make it ideal for replacements.

Designed for quick maintenance thanks to a construction solution that provides easy access to the pump's main components.

Single-phase versions with built-in capacitor, available with float for automatic operation with power ratings up to 1.5 kW.

In three-phase versions, protection is the responsibility of the user. Maximum dry running time: 10 min.

ATEX version available for use in potentially explosive environments (ATEX certification: II 2G Ex db IIB T4 GB).

Pumped liquid Clear and rainwater, gray water and sandy water from construction sites.

Free passage 50 mm.

Liquid temperature range
+50°C (+60°C for short periods);
+40°C for ATEX version.

Outlet

FX C 20 threaded 2", flanged DN 50;
FX C 25 flanged DN 65.

Delivery direction

Horizontal or vertical with elbow kit accessory.

Impeller channels in cast iron.

Maximum immersion 7 metres.

Possible installation types

Portable on the ground, fixed on coupling device.

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FX C 20, FX C 25

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA														DNM	CABLE	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³/h	0	7	14	22	29	36	43	50	58	65							
					kW	HP		Q=l/min	0	120	240	360	480	600	720	840	960	1080							
FEKA FXC 20.15 MA	60191251	1.652	1x230V	2	1.5	2	9.1	H(m)	15.3	13.5	11.8	10.2	8.7	7.1	5.7	4.2			Rp 2" GAS	50 PN10/6	10 m	42	6		
FEKA FXC 20.15 MNA	60191249	1.620	1x230V	2	1.5	2	9.1		15.3	13.5	11.8	10.2	8.7	7.1	5.7	4.2			Rp 2" GAS	50 PN10/6	10 m	42	6		
FEKA FXC 20.15 S TNA	60191250	1.620	3x400V	1.8	1.5	2	3.5		15.3	13.5	11.8	10.2	8.7	7.1	5.7	4.2			Rp 2" GAS	50 PN10/6	10 m	42	6		
FEKA FXC 20.22 S TNA	60191273	1.880	3x400V	2.8	2.2	2.9	4.9		19.1	17.2	15.5	14	12.6	11.2	9.8	8.1	6.2		Rp 2" GAS	50 PN10/6	10 m	43	6		
FEKA FXC 25.15 MA	60191254	1.765	1x230V	2	1.6	2.1	9.3		15.1	13.5	11.8	10.3	8.8	7.3	5.8	4.5	3.1		-	65 PN10/6	10 m	43	6		
FEKA FXC 25.15 MNA	60191252	1.730	1x230V	2	1.6	2.1	9.3		15.1	13.5	11.8	10.3	8.8	7.3	5.8	4.5	3.1		-	65 PN10/6	10 m	43	6		
FEKA FXC 25.15 S TNA	60191253	1.730	3x400V	1.9	1.6	2.1	3.6		15.1	13.5	11.8	10.3	8.8	7.3	5.8	4.5	3.1		-	65 PN10/6	10 m	43	6		
FEKA FXC 25.22 S TNA	60191275	1.940	3x400V	2.9	2.3	3.1	5		18.9	16.9	15.2	13.8	12.4	11.1	9.8	8.4	6.9	5.1	-	65 PN10/6	10 m	44	6		

A: Automatic with float

S: Oil Sensor

GROUPING: AP

RECOMMENDED ACCESSORIES

TYPE	DESCRIPTION	CODE	PRICE	Standalone installation	Installation with lifting device	FX C DN50	FX C DN65
CONTROL PANEL*	NGPANEL	-	-	•	•	•	•
HYDRAULIC ACCESSORY	NON-RETURN BALL VALVE 2" THREADED	60160627	155	•	•	•	
HYDRAULIC ACCESSORY	NON-RETURN BALL VALVE DN 50	60160629	168	•	•	•	
HYDRAULIC ACCESSORY	NON-RETURN BALL VALVE DN 65	60160630	210	•	•		•
HYDRAULIC ACCESSORY	90° ELBOW KIT 2" GAS	60195856	199	•		•	
HYDRAULIC ACCESSORY	90° ELBOW KIT 2" 1/2 GAS	60211555	211	•			•
HYDRAULIC ACCESSORY	90° ELBOW KIT 3" GAS	60203622	299	•			•
INSTALLATION ACCESSORY	DA-050 HORIZONTAL COUPLING DEVICE	60195865	280		•	•	
INSTALLATION ACCESSORY	DA-065 HORIZONTAL COUPLING DEVICE DN65	60170310	280		•		•
INSTALLATION ACCESSORY	LIFTING DEVICE DN65 - VERTICAL	60167993	624		•		•
INSTALLATION ACCESSORY	CHAIN KIT WITH 3M SHACKLE A316 MAX 150KG	60171183	140		•	•	•

* Always check the pump-panel combination in the selection tables

SPECIAL DRAINAGE DESIGNS

These products are supplied with a built-in capacitor in the single-phase version.

In all models listed below, management and control panels will be the responsibility of the installer and will not be supplied by DAB.

SPECIAL OPTIONS - DRAINAGE

FX – ATEX VERSIONS



DRENAG FX - FX C

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA															DNM	CABLE
			POWER SUPPLY 50 Hz	P1 MAX Kw	P2 NOM.		In A	Q=m³/h	0	3	6	9	12	15	18	21	24	27	30					
					kW	HP		Q=l/min	0	50	100	150	200	250	300	350	400	450	500					
DRENAG FX 15.07 MNA 220-240/50 EX	60194109	1.599	1x230 V	1.1	0.8	1.1	5.1	H (m)	16.2	14.5	12.6	10.5	8.1	5.5	2.8	-	-	-	-	Rp 1 1/2" GAS	DN32 PN10/6 DN40 PN6	10 m		
DRENAG FX 15.07 TNA 400/50 EX	60194110	1.599	3x400 V	1	0.8	1.1	2.1		16.2	14.5	12.6	10.5	8.1	5.5	2.8	-	-	-	-	Rp 1 1/2" GAS	DN32 PN10/6 DN40 PN6	10 m		
DRENAG FX 15.11 MNA 220-240/50 EX	60194160	1.771	1x230 V	1.5	1.2	1.6	6.8		23.3	21.5	19.3	16.7	13.8	10.6	7.3	3.8	-	-	-	Rp 1 1/2" GAS	DN32 PN10/6 DN40 PN6	10 m		
DRENAG FX 15.11 TNA 400/50 EX	60194161	1.771	3x400 V	1.5	1.2	1.6	2.8		23.3	21.5	19.3	16.7	13.8	10.6	7.3	3.8	-	-	-	Rp 1 1/2" GAS	DN32 PN10/6 DN40 PN6	10 m		
DRENAG FX 15.15 MNA 220-240/50 EX	60194218	1.978	1x230 V	2.3	1.8	2.4	10.6		26.4	24.9	23.1	21.1	18.9	16.6	14.2	11.8	9.5	7.4	-	Rp 1 1/2" GAS	DN32 PN10/6 DN40 PN6	10 m		
DRENAG FX 15.15 TNA 400/50 EX	60194219	1.978	3x400 V	2.5	1.8	2.4	4.3		26.4	24.9	23.1	21.1	18.9	16.6	14.2	11.8	9.5	7.4	-	Rp 1 1/2" GAS	DN32 PN10/6 DN40 PN6	10 m		
DRENAG FX 15.22 TNA 400/50 EX	60194280	2.277	3x400 V	3.1	2.3	3.1	5.2		31.8	30	28.2	26.3	24.3	22.1	19.8	17.4	14.8	12	9	Rp 1 1/2" GAS	DN32 PN10/6 DN40 PN6	10 m		

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA												DNM		CABLE
			POWER SUPPLY 50 Hz	P1 MAX Kw	P2 NOM.		In A	Q=m³h	0	7	14	22	29	36	43	50	58	65				
					kW	HP		Q=l/min	0	120	240	360	480	600	720	840	960	1080				
FEKA FXC 20.15 MNA 220-240/50 EX	60194203	1.863	1x230V	2	1.5	2	9.1	H(m)	15.3	13.5	11.8	10.2	8.7	7.1	5.7	4.2	-	-	Rp 2" GAS	50 PN10/6	10 m	
FEKA FXC 20.15 TNA 400/50 EX	60194204	1.863	3x400V	1.8	1.5	2	3.5		15.3	13.5	11.8	10.2	8.7	7.1	5.7	4.2	-	-	Rp 2" GAS	50 PN10/6	10 m	
FEKA FXC 20.22 TNA 400/50 EX	60194267	2.162	3x400V	2.8	2.2	2.9	4.9		19.1	17.2	15.5	14	12.6	11.2	9.8	8.1	6.2	-	Rp 2" GAS	50 PN10/6	10 m	
FEKA FXC 25.15 MNA 220-240/50 EX	60194211	1.990	1x230V	2	1.6	2.1	9.3		15.1	13.5	11.8	10.3	8.8	7.3	5.8	4.5	3.1	-	-	65 PN10/6	10 m	
FEKA FXC 25.15 TNA 400/50 EX	60194212	1.990	3x400V	1.9	1.6	2.1	3.6		15.1	13.5	11.8	10.3	8.8	7.3	5.8	4.5	3.1	-	-	65 PN10/6	10 m	
FEKA FXC 25.22 TNA 400/50 EX	60194274	2.231	3x400V	2.9	2.3	3.1	5		18.9	16.9	15.2	13.8	12.4	11.1	9.8	8.4	6.9	5.1	-	65 PN10/6	10 m	

DRENAG FX - DIFFERENT CABLE LENGTHS

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA													DNM		CABLE	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX Kw	P2 NOM.		In A	Q=m³/h	0	3	6	9	12	15	18	21	24	27	30				
					kW	HP		Q=l/min	0	50	100	150	200	250	300	350	400	450	500				
DRENAG FX 15.22 S TNA 20M	60202222	2.079	3x400V	3.1	2.3	3.1	5.2	H(m)	31.8	30	28.2	26.3	24.3	22.1	19.8	17.4	14.8	12	9	Rp 1 1/2" GAS	DN32 PN10/6 DN40 PN6	20 m	6

S: Oil Sensor

FX C - DIFFERENT CABLE LENGTHS

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA													DNM		CABLE	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX Kw	P2 NOMIN.		In A	Q=m³/h	0	7	14	22	29	36	43	50	58	65	GAS	DN1				
					kW	HP		Q=l/min	0	120	240	360	480	600	720	840	960	1080						
FEKA FXC 20.15 S TNA 20M	60219510	1.701	3x400V	1.8	1.5	2	3.5	H (m)	15.3	13.5	11.8	10.2	8.7	7.1	5.7	4.2	-	-	Rp 2"	50 PN10/6	20 m	6		
FEKA FXC 20.22 S TNA 20M	60213544	1.974	3x400V	2.8	2.2	2.9	4.9		19.1	17.2	15.5	14	12.6	11.2	9.8	8.1	6.2	-	Rp 2"	50 PN10/6	20 m	6		
FEKA FXC 25.15 S TNA 20M	60219511	1.817	3x400V	1.9	1.6	2.1	3.6		15.1	13.5	11.8	10.3	8.8	7.3	5.8	4.5	3.1	-	-	65 PN10/6	20 m	6		
FEKA FXC 25.22 S TNA 20M	60219512	2.037	3x400V	2.9	2.3	3.1	5		18.9	16.9	15.2	13.8	12.4	11.1	9.8	8.4	6.9	5.1	-	65 PN10/6	20 m	6		
FEKA FXC 20.22 S TNA 30M	60213545	2.068	3x400V	2.8	2.2	2.9	4.9		19.1	17.2	15.5	14	12.6	11.2	9.8	8.1	6.2	-	Rp 2"	50 PN10/6	30 m	6		
FEKA FXC 25.22 S TNA 30M	60216751	2.134	3x400V	2.9	2.3	3.1	5		18.9	16.9	15.2	13.8	12.4	11.1	9.8	8.4	6.9	5.1	-	65 PN10/6	30 m	6		

S: Oil Sensor

FEKA

SUBMERSIBLE PUMPS FOR WASTE, CLEAR, GRAY AND RAINWATER



FEKA M-A

FEKA M-NA

Submersible pumps suitable for draining and lifting clear wastewater, grey water or rainwater in domestic and residential installations. Designed for fixed or portable installation and are available in automatic versions with built-in float switch or in manual versions without float.

Suitable for draining flooded basements, cellars and garages or for preventing flooding when installed in rainwater collection sump pits. Can also be used as portable pumps in emergency situations to drain water from flooded rooms with mud, leaves or debris.

Feka pumps has been redesigned to mark 40 years on the market, making them even more reliable, durable and ergonomic.

The impeller, pump body and suction grille are made of technopolymer, the motor shaft is made of AISI 431 stainless steel and is suitable for slightly salty water.

Robust and reliable, they have a triple oil-filled ring seal and submersible, continuous-duty asynchronous motor.

Stator housed in a hermetically sealed stainless steel casing and rotor mounted on oversized ball bearings.

Cable and impeller nut treated to prevent corrosion.

Thermal protection incorporated in all single-phase versions.

New, more efficient and compact motor.

Maximum dry running time: 1 minute.

In compliance with European standard EN 60335-2-41, a 10-metre power cable is mandatory for the pump in external use.

Pumped liquid Untreated wastewater.

Free passage 25 mm.

Liquid temperature range

0°C to +35°C for domestic use;

0°C to +50°C for other uses.

Outlet Threaded 1 1/4" GAS.

Delivery direction Horizontal or vertical.

Impeller Technopolymer vortex.

Maximum immersion 7 metres.

Possible installation types

Fixed or portable and in vertical position.

Minimum height of suction

FEKA 300 MA: 150 mm

FEKA 300 M-NA: 30 mm

FEKA 600 MA: 175 mm

FEKA 600 M-NA: 35 mm



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MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA							CABLE	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³/h	0	3	6	9	12	15			
					kW	HP		Q=l/min	0	50	100	150	200	250			
FEKA 300 M A 40TH 05H05	60191897H	320	1X230 V~	0.35	0.22	0.3	1.9	H (m)	6.4	5.5	4.4	3.1	1.6	/	5m	4.6	48
FEKA 300 M A 40TH 10H05	60198016H	343	1X230 V~	0.35	0.22	0.3	1.9		6.4	5.5	4.4	3.1	1.6	/	10m	4.6	48
FEKA 300 M NA 40TH 10H05	60195558H	331	1X230 V~	0.35	0.22	0.3	1.9		6.4	5.5	4.4	3.1	1.6	/	10m	4.6	48
FEKA 600 M A 40TH 05H05	60190343H	378	1X230 V~	0.68	0.5	0.67	3.1		8.9	8.2	7.2	6.1	4.7	2.9	5m	7	32
FEKA 600 M A 40TH 10H05	60198017H	404	1X230 V~	0.68	0.5	0.67	3.1		8.9	8.2	7.2	6.1	4.7	2.9	10m	7	32
FEKA 600 M NA 40TH 10H05	60194419H	389	1X230 V~	0.68	0.5	0.67	3.1		8.9	8.2	7.2	6.1	4.7	2.9	10m	7	32
FEKA 600 T NA 40TH 10H07	60196308H	356	3X400 V~	0.68	0.5	0.67	1.8		8.9	8.2	7.2	6.1	4.7	2.9	10m	7	32

A: Automatic with float

GROUPING: AP

RECOMMENDED ACCESSORIES

TYPE	DESCRIPTION	CODE	PRICE
ALARM DEVICE	SAFE ALERT - BUZZER FOR AUTOMATIC PUMPS	60220236	146
CONTROL PANEL*	E.BOX	-	-
CONTROL PANEL*	NGPANEL	-	-
HYDRAULIC KIT	REFLOW PREVENTION KIT1 1/4"	60220271	252
HYDRAULIC ACCESSORY	NON-RETURN BALL VALVE PN10 PVC 1 1/4" THREADED	002130285	168

* Always check the pump-panel combination in the selection tables

FEKA BVP

SUBMERSIBLE PUMPS FOR WASTEWATER AND RAINWATER



Powerful submersible pump for drainage and emptying in domestic and residential installations.
Suitable for pumping dirty water thanks to anti-corrosion and anti-oxidation materials.
Motor with thermal overheating protection.
Wear-resistant motor shaft and impeller.
Excellent motor cooling, allowing the pump to run even when only partially submerged.
Automatic version with float switch for automatic pump start and stop or manual version.
Equipped with power cable with plug, 3-level connector, no non-return valve.

Pumped liquid Clear and rainwater.

Free passage 38 mm.

Liquid temperature range

0°C to +35°C for domestic use;

0°C to +50°C for other uses.

Outlet Threaded 1 1/2" GAS.

Delivery direction Horizontal or vertical.

Impeller Technopolymer vortex.

Maximum immersion 7 metres.

Possible installation types

Fixed or portable in vertical or horizontal position.

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MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA																		CABLE	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³/h	0	1	2	3	4.5	5	6	7	7.5	9	10	12	15	18						
					kW	HP		Q=l/min	0	16.6	33.3	50	75	83.3	100	116.6	125	150	166.6	200	250	300						
FEKA BVP 700 M-A	60122690H	501	1X230 V~	1	0.7	0.95	4.6	H (m)	10.5	10	9.9	9.5	8.9	8.8	8.1	7.8	7.5	7	6.1	5.1	4	1.5	10m.	8	27			
FEKA BVP 750 M-A	60122691H	537	1X230 V~	1.1	0.75	1	5.6		12	11.7	11.1	11	10.4	10.1	9.8	9.1	9	8.8	8	7	6	3.6	10m.	8	27			

A: Automatic with float

GROUPING: AP

RECOMMENDED ACCESSORIES

TYPE	DESCRIPTION	CODE	PRICE
ALARM DEVICE	SAFE ALERT - BUZZER FOR AUTOMATIC PUMPS	60220236	146
HYDRAULIC KIT	REFLOW KIT 1 1/2"	60220272	252
HYDRAULIC ACCESSORY	NON-RETURN BALL VALVE PN10 PVC 1 1/2" THREADED	002130286	197

FEKA VS

SUBMERSIBLE PUMPS FOR WASTEWATER AND RAINWATER



NEW



Submersible pumps designed for domestic/residential and commercial applications, made entirely from stainless steel and suited to lifting solids-laden and waste water containing solid matter measuring up to 50 mm in diameter.

With their hydraulics fine-tuned for purpose, we have achieved an overall increase in efficiency, resulting in reduced consumption for the same performance and reliability.

The vortex impeller is made from stainless steel; there is a double mechanical seal with a non-toxic oil chamber between the two seals, which are made from carbon/alumina on the motor side and silicon carbide/silicon carbide on the pump side.

The seal holder cover, motor housing, pump casing, cap and handle are all made from stainless steel. The handle is covered in insulating rubber.

The asynchronous dry motor is watertight and cooled by the fluid being pumped. The rotor is mounted on lifetime-greased oversized ball bearings selected for quiet running and longevity. The motor shaft is made from AISI 316 stainless steel.

Thermal overcurrent protection comes as standard on the single-phase version.

Built to Italian standards CEI 2-3 and CEI 61-69 (EN 60335-2-41). The maximum ambient temperature for operating FEKA VS is +40°C with the motor out of the fluid.

Flow rate 3 m³/h to 39 m³/h**Head** 17 m**Pumped liquid** Sewage and general wastewater, non-aggressive.**Free passage** 50 mm.**Liquid temperature range**

0°C to +35°C for domestic use;

0°C to +50°C for other uses.

Outlet Threaded 2" GAS.**Delivery direction** Horizontal.**Impeller** Stainless steel vortex.**Protection degree** IP 68**Thermal classification of motor insulation** F**Power cable** H05RN-F**Possible installation types** Fixed or portable in vertical position.**Maximum immersion** 7 metres.PANELS
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FEKA VS

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA												CABLE	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³h	0	3	6	9	12	15	18	24	30	36				
					kW	HP		Q=l/min	0	50	100	150	200	250	300	400	500	600				
FEKA VS 550 M-A	60219347H	569	1X220 - 240 V~	0.9	0.55	0.75	4.1	-	7.8	6.9	6.2	5.6	4.1	3.2	1.8	-	-	-	10m	10.5	28	
FEKA VS 550 M-NA	60219352H	558	1X220 - 240 V~	0.9	0.55	0.75	4.1		7.8	6.9	6.2	5.6	4.1	3.2	1.8	-	-	-	10m	10.5	28	
FEKA VS 550 T-NA	60219357H	558	3X400 V~	0.9	0.55	0.75	1.8		7.5	6.9	6.2	5.6	4.1	3.2	1.8	-	-	-	10m	10.5	28	
FEKA VS 750 M-A	60219348H	672	1X220 - 240 V~	1.1	0.7	0.95	4.8		9.6	9.2	8.5	7.6	6.7	5.6	4.3	1.9	-	-	10m	10.5	28	
FEKA VS 750 M-NA	60219353H	659	1X220 - 240 V~	1.1	0.7	0.95	4.8		9.6	9.2	8.5	7.6	6.7	5.6	4.3	1.9	-	-	10m	10.5	28	
FEKA VS 750 T-NA	60219358H	659	3X400 V~	1.1	0.7	0.95	2		9.6	9.2	8.5	7.6	6.7	5.6	4.3	1.9	-	-	10m	10.5	28	
FEKA VS 900 M-A	60219349H	811	1X220 - 240 V~	1.35	0.9	1.22	6.3		11.8	11.3	10.5	9.8	9	8	6.8	4.1	-	-	10m	13.9	28	
FEKA VS 900 M-NA	60219354H	795	1X220 - 240 V~	1.35	0.9	1.22	6.3		11.8	11.3	10.5	9.8	9	8	6.8	4.1	-	-	10m	13.9	28	
FEKA VS 900 T-NA	60219359H	795	3X400 V~	1.35	0.9	1.22	2.6		11.8	11.3	10.5	9.8	9	8	6.8	4.1	-	-	10m	13.9	28	
FEKA VS 1100 M-A	60219350H	898	1X220 - 240 V~	1.6	1.1	1.5	7.3		14	13.4	12.8	12	11.2	10.1	9	6.7	4	-	10m	13.9	28	
FEKA VS 1100 M-NA	60219355H	879	1X220 - 240 V~	1.6	1.1	1.5	7.3		14	13.4	12.8	12	11.2	10.1	9	6.7	4	-	10m	13.9	28	
FEKA VS 1100 T-NA	60219360H	879	3X400 V~	1.6	1.1	1.5	2.9		14	13.4	12.8	12	11.2	10.1	9	6.7	4	-	10m	13.9	28	
FEKA VS 1500 M-A	60219351H	1.034	1X220 - 240 V~	2	1.5	2	9.1		17	16	15.4	15.1	14.5	13.3	12.4	10.43	6.8	3.1	10m	15.7	28	
FEKA VS 1500 M-NA	60219356H	1.013	1X220 - 240 V~	2	1.5	2	9.1		17	16	15.4	15.1	14.5	13.3	12.4	10.43	6.8	3.1	10m	15.2	28	
FEKA VS 1500 T-NA	60219361H	1.013	3X400 V~	2	1.5	2	3.8		17	16	15.4	15.1	14.5	13.3	12.4	10.43	6.8	3.1	10m	15.5	28	

A: Automatic with float

GROUPING: AP

RECOMMENDED ACCESSORIES

TYPE	DESCRIPTION	CODE	PRICE	Standalone installation	Installation with lifting device
ALARM DEVICE	SAFE ALERT - BUZZER FOR AUTOMATIC PUMPS	60220236	146	•	
CONTROL PANEL*	E.BOX	-	-	•	
CONTROL PANEL*	NGPANEL	-	-	•	•
HYDRAULIC KIT	REFLOW PREVENTION KIT 2"	538860000	411	•	
HYDRAULIC ACCESSORY	NON-RETURN BALL VALVE PN10 PVC 2" THREADED	002130287	228	•	•
HYDRAULIC ACCESSORY	NON-RETURN BALL VALVE 2" THREADED	60160627	155	•	•
INSTALLATION ACCESSORY	LIFTING DEVICE	109530080	238		•
INSTALLATION ACCESSORY	CHAIN KIT WITH SHACKLE IN STAINLESS STEEL 3M - 150KG	60171183	140	•	•

* Always check the pump-panel combination in the selection tables

FEKA FX V

SUBMERSIBLE PUMPS FOR SEWAGE WATER



Submersible pump for draining sewage water in civil and commercial installations.

Certified to European Union standard EN 12050-1 which applies to lifting systems for wastewater containing faecal matter in buildings and construction sites.

The pump is suitable for fixed installations with a coupling device or portable if placed directly on the bottom of the tank.

Thanks to its high-efficiency super vortex impeller with integral free passage, the Feka FX V is suitable for use with fluids containing long-fibre solids, gas and sludge.

AISI 304 motor shaft and quick connecting resin-coated cable gland.

Feka FX V is able to deliver high flow rates.

Double silicon carbide mechanical seal completely protected in the oil chamber and not in contact with the pumped liquid.

Quick connecting resin-coated cable gland.

Its small footprint and flanged and threaded delivery ports make it ideal for replacements.

Designed for quick maintenance thanks to a construction solution that provides easy access to the pump's main components.

Single-phase versions with built-in capacitor, available with float for automatic operation with power ratings up to 1.5 kW.

In three-phase versions, protection is the responsibility of the user.

Maximum dry running time: 10 min.

ATEX version available for use in potentially explosive environments (ATEX certification: II2G Ex db IIB T4 GB).

Pumped liquid Untreated wastewater.

Free passage

FX V 20: 50 mm;

FX V 25: 65 mm.

Liquid temperature range

+50°C (+60°C for short periods);

+40°C for ATEX version.

Outlet

FX V 20: threaded 2", flanged DN 50;

FX V 25: flanged DN 65.

Delivery direction

Horizontal and vertical with elbow kit accessory.

Impeller Cast iron vortex.

Maximum immersion 7 metres.

Possible installation types

Portable on the ground, fixed on coupling device.

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FEKA FX V 20

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA												DNM		CABLE	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³/h	0	6	12	18	24	30	36	42								
					kW	HP		Q=l/min	0	100	200	300	400	500	600	700								
FEKA FXV 20.07 MA	60191210	1.285	1x230 V	1.4	0.9	1.2	6.4	H(m)	11.7	10.9	9.6	7.7	5.4	2.9			Rp 2" GAS	50 PN10/6	10 m	35	6			
FEKA FXV 20.07 MNA	60191208	1.260	1x230 V	1.4	0.9	1.2	6.4		11.7	10.9	9.6	7.7	5.4	2.9			Rp 2" GAS	50 PN10/6	10 m	35	6			
FEKA FXV 20.07 S TNA	60191209	1.260	3x400 V	1.4	0.9	1.2	2.4		11.7	10.9	9.6	7.7	5.4	2.9			Rp 2" GAS	50 PN10/6	10 m	35	6			
FEKA FXV 20.11 MA	60191229	1.469	1x230 V	1.7	1.2	1.6	8		13.1	12.9	11.9	10.1	7.7	4.8			Rp 2" GAS	50 PN10/6	10 m	35	6			
FEKA FXV 20.11 MNA	60191227	1.440	1x230 V	1.7	1.2	1.6	8		13.1	12.9	11.9	10.1	7.7	4.8			Rp 2" GAS	50 PN10/6	10 m	35	6			
FEKA FXV 20.11 S TNA	60191228	1.440	3x400 V	1.6	1.2	1.6	2.9		13.1	12.9	11.9	10.1	7.7	4.8			Rp 2" GAS	50 PN10/6	10 m	35	6			
FEKA FXV 20.15 MA	60194185	1.673	1x230 V	2.3	1.7	2.3	10.5		16.2	15.6	14.4	12.6	10.4	7.7	4.7			Rp 2" GAS	50 PN10/6	10 m	39	6		
FEKA FXV 20.15 MNA	60194186	1.640	1x230 V	2.3	1.7	2.3	10.5		16.2	15.6	14.4	12.6	10.4	7.7	4.7			Rp 2" GAS	50 PN10/6	10 m	39	6		
FEKA FXV 20.15 S TNA	60191261	1.640	3x400 V	2.2	1.7	2.3	4		16.2	15.6	14.4	12.6	10.4	7.7	4.7			Rp 2" GAS	50 PN10/6	10 m	39	6		
FEKA FXV 20.22 S TNA	60191265	1.900	3x400 V	2.9	2.2	2.9	5		18.5	18	17.1	15.9	14.3	12.2	9.7	6.6		Rp 2" GAS	50 PN10/6	10 m	40	6		

A: Automatic with float

S: Oil Sensor

FEKA FX V

SUBMERSIBLE PUMPS FOR SEWAGE WATER



FEKA FX V 25

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA														DNM DN1	CABLE	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³/h	0	6	12	18	24	30	36	42	48	54							
					kW	HP		Q=l/min	0	100	200	300	400	500	600	700	800	900							
FEKA FX V 25.07 MA	60196348	1.285	1x230 V	1.5	1	1.3	6.6	H (m)	8.8	8.1	7	5.7	4.3	3	1.8	-	-	-	65 PN10/6	10m	36	6			
FEKA FX V 25.07 MNA	60196349	1.260	1x230 V	1.5	1	1.3	6.6		8.8	8.1	7	5.7	4.3	3	1.8	-	-	-	65 PN10/6	10m	36	6			
FEKA FX V 25.07 S TNA	60196351	1.260	3x400 V	1.3	1	1.3	2.3		8.8	8.1	7	5.7	4.3	3	1.8	-	-	-	65 PN10/6	10m	36	6			
FEKA FX V 25.11 MA	60191243	1.469	1x230 V	1.7	1.2	1.6	7.6		11.3	10.7	9.6	8.2	6.6	4.9	3.4	2.2	-	-	65 PN10/6	10m	37	6			
FEKA FX V 25.11 MNA	60191230	1.440	1x230 V	1.7	1.2	1.6	7.6		11.3	10.7	9.6	8.2	6.6	4.9	3.4	2.2	-	-	65 PN10/6	10m	37	6			
FEKA FX V 25.11 S TNA	60191244	1.440	3x400 V	1.7	1.2	1.6	3		11.3	10.7	9.6	8.2	6.6	4.9	3.4	2.2	-	-	65 PN10/6	10m	37	6			
FEKA FXV 25.15 MA	60195811	1.785	1x230 V	2.3	1.7	2.3	10.6		13.7	13.4	12.4	11	9.2	7.4	5.5	3.9	2.5		65 PN10/6	10m	43	6			
FEKA FXV 25.15 MNA	60194201	1.750	1x230 V	2.3	1.7	2.3	10.6		13.7	13.4	12.4	11	9.2	7.4	5.5	3.9	2.5		65 PN10/6	10m	43	6			
FEKA FXV 25.15 S TNA	60191263	1.750	3x400 V	2.2	1.7	2.3	4		13.7	13.4	12.4	11	9.2	7.4	5.5	3.9	2.5		65 PN10/6	10m	43	6			
FEKA FXV 25.22 S TNA	60191267	1.960	3x400 V	2.8	2.2	2.9	4.9		16.5	16.3	15.6	14.5	13	11.3	9.4	7.5	5.6	3.8	65 PN10/6	10m	41	6			
FEKA FXV 25.30 S TNA	60220089	2.210	3x400 V	3.4	3	4	6.8		20	19.5	18.9	18	16.7	14.8	13	11	8.5	6.8	65 PN10/6	10m	46	6			

A: Automatic with float
S: Oil Sensor

GROUPING: AP

RECOMMENDED ACCESSORIES

TYPE	DESCRIPTION	CODE	PRICE	Standalone installation	Installation with lifting device	FX V DN50	FX V DN65
CONTROL PANEL*	NGPANEL	-	-	•	•	•	•
HYDRAULIC ACCESSORY	NON-RETURN BALL VALVE 2" THREADED	60160627	155	•	•	•	
HYDRAULIC ACCESSORY	NON-RETURN BALL VALVE DN 50	60160629	168	•	•	•	
HYDRAULIC ACCESSORY	NON-RETURN BALL VALVE DN 65	60160630	210	•	•		•
INSTALLATION ACCESSORY	90° ELBOW KIT 2" GAS	60195856	199	•		•	
INSTALLATION ACCESSORY	90° ELBOW KIT 2" 1/2 GAS	60211555	211	•			•
INSTALLATION ACCESSORY	90° ELBOW KIT 3" GAS	60203622	299	•			•
INSTALLATION ACCESSORY	DA-050 HORIZONTAL COUPLING DEVICE	60195865	280		•	•	
INSTALLATION ACCESSORY	DA-065 HORIZONTAL COUPLING DEVICE DN65	60170310	280		•		•
INSTALLATION ACCESSORY	LIFTING DEVICE DN65 - VERTICAL	60167993	624		•		•
INSTALLATION ACCESSORY	CHAIN KIT WITH SHACKLE IN STAINLESS STEEL 3M – 150KG	60171183	140		•	•	•

* Always check the pump-panel combination in the selection tables



Maximum immersion depth 7 m - with standard 10 m cable

ACCESSORIES
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MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA								DNM	CABLE	WEIGHT KG	QTY PER PALLET	
			POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³/h	0	9	18	33	39	48	57					72
					kW	HP		Q=l/min	0	150	300	550	650	800	950					1200
FEKA FXS 25.30 S TNA	60220090	2.686	3x400 V	3.4	3	4	6.8	H (m)	25	22.5	20	15.2	13.4	10.8	7.5	2.6	65 PN10/6	10 m	54	6
FEKA FXS 30.30 S TNA	60220091	2.686	3x400 V	3.4	3	4	6.8		25	22.5	20	15.2	13.4	10.8	7.5	2.6	80 PN10/6	10 m	56	6

GROUPING: AP

RECOMMENDED ACCESSORIES

TYPE	DESCRIPTION	CODE	PRICE	Standalone installation	Installation with lifting device	FX S DN65	FX S DN80
CONTROL PANEL*	NGPANEL	-	-	•	•	•	•
INSTALLATION ACCESSORY	LIFTING DEVICE FOR FLANGED PUMPS DN65 - HORIZONTAL	60170310	280		•	•	
INSTALLATION ACCESSORY	LIFTING DEVICE FOR FLANGED PUMPS DN80 - HORIZONTAL	60220454	280		•		•
INSTALLATION ACCESSORY	LIFTING DEVICE FOR FLANGED PUMPS DN65 - VERTICAL	60167993	624		•	•	
INSTALLATION ACCESSORY	LIFTING DEVICE FOR FLANGED PUMPS DN80 - VERTICAL	60167994	711		•		•
INSTALLATION ACCESSORY	CHAIN KIT WITH SHACKLE IN STAINLESS STEEL 3M – 150KG	60171183	140	•	•	•	•
INSTALLATION ACCESSORY	90° ELBOW KIT 2" 1/2 GAS	60211555	211	•		•	
INSTALLATION ACCESSORY	90° ELBOW KIT 3" GAS	60203622	299	•		•	
HYDRAULIC ACCESSORY	NON-RETURN BALL VALVE DN 65	60160630	210	•	•	•	
HYDRAULIC ACCESSORY	NON-RETURN BALL VALVE DN 80	60160631	252	•	•		•



FK V

SUBMERSIBLE PUMPS FOR WASTEWATER



Submersible pumps suitable for pumping wastewater and sewage from private, commercial and municipal sewerage networks, in accordance with European standard EN 12050-1.

Fitted with a cast iron vortex impeller with total free passage with new anti-clogging profile that makes them suitable for use with fluids containing long-fibre solids, gas and sludge.

Double cartridge mechanical seal as standard in SiC-SiC silicon carbide on hydraulic side, in SiC/C silicon carbide on motor side, independent of direction of rotation.

Exhaust flange available in DN65, DN80, DN100 according to EN 1092-1.

Three-phase asynchronous motor, with squirrel-cage rotor, high efficiency in efficiency class IE3.

Suitable for use with liquids with a pH between 6.5 and 12.

Maximum number of starts per hour: 20.

S1 motor for fully submerged continuous operation or S3 for discontinuous operation with minimal immersion levels. Water seepage sensor in the oil chamber, capable of signalling possible seepage through the mechanical seal (optional). Overheat sensors in the motor windings, with trip threshold at 150°C.

Long-life lubricated bearings for a calculated service life of at least 50,000 hours. Stainless steel motor shaft, designed with high fatigue strength.

Power ratings from 1.1 kW to 11 kW.

ATEX version available for use in potentially explosive environments.

Pumped liquid Untreated wastewater.

Liquid temperature range

0° to +40°C.

Impeller Cast iron vortex.

Power cable length 10 m.

Maximum immersion 7 metres.

Possible installation types Fastened by means of coupling device or free standing in vertical position on base.

PANELS
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ACCESSORIES
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MODEL	STANDARD		OIL SENSOR		ELECTRICAL DATA					HYDRAULIC DATA											DNM	FREE PASSAGE mm	WEIGH KG
	CODE	PRICE €	CODE	PRICE €	POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOM.		In A	Q=m³h	0	12	24	36	48	60	72	84	96	108			
							kW	HP		Q=l/min	0	200	400	600	800	1000	1200	1400	1600	1800			
FKV8060.2T5	60171425	4.264	60172166	4.391	3x400 VY/D	6.9	6	8.2	11.7	H(m)	29.1	27.5	24.4	20.3	15.7	11.4	7.9	-	-	-	80	80	168
FKV 80 75.2 T5	60170434	5.542	60172167	5.670	3x400 VY/D	8.3	7.5	10.2	13.7		32.1	31.2	28.5	24.5	19.9	15.1	10.6	7.1	5.1	-	80	80	218
FKV8092.2T5	60171426	6.607	60172168	6.735	3x400 VY/D	10.2	9.2	12.5	18		35.9	35.5	33.1	29.2	24.4	19.3	14.3	10.2	7.3	-	80	80	218
FKV80110.2T5	60170429	6.821	60172169	6.950	3x400 VY/D	12.1	11	15	21		40.9	40.7	38.7	35.2	30.6	25.6	20.3	15.5	11.4	8.5	80	80	218

MODEL	STANDARD		OIL SENSOR		ELECTRICAL DATA					HYDRAULIC DATA												DNM	FREE PASSAGE mm	WEIGH KG
	CODE	PRICE €	CODE	PRICE €	POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOM.		In A	Q=m³/h	0	15	30	45	60	75	90	105	126	144				
							kW	HP		Q=l/min	0	250	500	750	1000	1250	1500	1750	2100	2400				
FKV 100 30.4 T5	60171446	4.264	60172170	4.391	3x400 V DOL	3.5	3	4	8	H(m)	11.8	10.9	9.6	8	6.2	4.6	3.1	-	-	-	100	100	167	
FKV 100 40.4 T5	60171447	4.689	60172171	4.817	3x400 V DOL	4.5	4	5.5	8.9		14	13.1	11.9	10.4	8.8	7.1	5.4	3.9	-	-	-	100	100	167
FKV 100 55.4 T5	60171448	6.394	60172172	6.522	3x400 V Y/D	6.2	5.5	7.5	11.3		15.9	15.5	14.8	13.7	12.3	10.8	9.2	7.5	5.4	-	-	100	100	221
FKV 100 75.4 T5	60170428	6.607	60172173	6.735	3x400 V Y/D	8.3	7.5	10	14.3		19	18.8	18.3	17.4	16.3	15	13.5	11.9	9.6	7.7	-	100	100	221

Power supply: 3x400V DOL direct starting, 3x400V Y/D star/delta starter.

GROUPING: AP

RECOMMENDED ACCESSORIES

TYPE	DESCRIPTION	CODE	PRICE	Standalone installation	Installation with lifting device	FKV 80	FKC 80 FKV 100	FKC 100 FKC 150
CONTROL PANEL*	NGPANEL	-	-	•				
CONTROL PANEL*	ED, E2D, E3D	-	-	•				
HYDRAULIC ACCESSORY	NON-RETURN BALL VALVE DN 80	60160631	252	•				
HYDRAULIC ACCESSORY	NON-RETURN BALL VALVE DN 100	60160632	350	•				
HYDRAULIC ACCESSORY	GATE VALVE FLAT BODY DN 80	60163813	383	•				
HYDRAULIC ACCESSORY	GATE VALVE FLAT BODY DN 100	60163814	538	•				
INSTALLATION ACCESSORY	LIFTING DEVICE FOR FLANGED PUMPS DN80 - VERTICAL	60167994	711		•			
INSTALLATION ACCESSORY	LIFTING DEVICE FOR FLANGED PUMPS DN100 - VERTICAL	60169609	1.134		•			
INSTALLATION ACCESSORY	LIFTING DEVICE FOR FLANGED PUMPS DN150 - VERTICAL	60169610	1.731		•			
INSTALLATION ACCESSORY	CHAIN KIT WITH 3M SHACKLE A316 MAX 350KG	60178908	225		•			
INSTALLATION ACCESSORY	SUPPORT BASE Ø330 FK	60170330	193	•		•		
INSTALLATION ACCESSORY	SUPPORT BASE Ø355 FK	60170331	200	•			•	Up to 2.2 kW
INSTALLATION ACCESSORY	SUPPORT BASE Ø400 FK	60184584	451	•				Over 2.2 kW

* Always check the pump-panel combination in the selection tables

FK C

SUBMERSIBLE PUMPS FOR WASTEWATER



Submersible pumps suitable for pumping dirty water, pre-treated sewage, activated sludge and clarified wastewater from both private and commercial installations, in accordance with European standard EN 12050-1. Open, two-vane, cast iron channel impeller, suitable for use with dirty liquids containing solids, free of long fibres with a tendency to lint. Ideal where a high flow rate is required.

Double cartridge mechanical seal as standard in SiC-SiC silicon carbide on hydraulic side, in SiC/C silicon carbide on motor side, independent of direction of rotation. Exhaust flange available in DN65, DN80, DN100 according to EN 1092-1. Three-phase asynchronous motor, with squirrel-cage rotor, high efficiency in efficiency class IE3. Suitable for use with liquids with a pH between 6.5 and 12.

Maximum number of starts per hour: 20. S1 motor for fully submerged continuous operation or S3 for discontinuous operation with minimal immersion levels. Water seepage sensor in the oil chamber, capable of signalling possible seepage through the mechanical seal (optional).

Overheat sensors in the motor windings, with trip threshold at 150°C. Long-life lubricated bearings for a calculated service life of at least 50,000 hours.

Stainless steel motor shaft, designed with high fatigue strength. Power ratings from 1.1 kW to 11 kW. ATEX version available for use in potentially explosive environments.

Pumped liquid Untreated wastewater.

Liquid temperature range
0° to +40°C.

Impeller Channels in cast iron.

Power cable length 10 m.

Maximum immersion 7 metres.

Possible installation types Fastened by means of coupling device or free standing in vertical position on base.

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MODEL	STANDARD		OIL SENSOR		ELECTRICAL DATA					HYDRAULIC DATA											DNM	FREE PASSAGE mm	WEIGHT KG
	CODE	PRICE €	CODE	PRICE €	POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³/h	0	21	42	63	84	105	126	147	168	189			
							kW	HP		Q=l/min	0	350	700	1050	1400	1750	2100	2450	2800	3150			
FKC 80 55.4 T5	60176854	7.246	60180437	7.374	3x400 VY/D	6.3	5.5	7.5	12	H (m)	21	18.8	16.8	15.1	13.5	12	10.6	9.3	7.9	-	80	80	235
FKC 80 75.4 T5	60176855	7.675	60180438	7.801	3x400 VY/D	8.5	7.5	10	14.1		24.6	21.9	19.7	17.8	16	14.5	13	11.5	9.8	8	80	80	237

MODEL	STANDARD		OIL SENSOR		ELECTRICAL DATA					HYDRAULIC DATA													DNM	FREE PASSAGE mm	WEIGHT KG
	CODE	PRICE €	CODE	PRICE €	POWER SUPPLY 50 Hz	P1 MAX Kw	P2 NOMINAL		In A	Q=m³/h	0	30	60	90	120	150	180	210	240	288					
							Q=l/min	0		500	1000	1500	2000	2500	3000	3500	4000	4800							
FKC 100 30.4 T5	60176873	5.542	60180445	5.670	3x400 VDOL	3.3	3	4	7.7	H(m)	9.8	9	7.9	6.8	5.5	4.2	3	-	-	-	100	100	190		
FKC 100 40.4 T5	60176874	5.755	60180446	5.883	3x400 VDOL	4.2	4	5.5	8.6		13.1	11.4	9.8	8.3	6.9	5.4	4	-	-	-	100	100	190		
FKC 100 55.4 T5	60176850	7.886	60180434	8.016	3x400 VY/D	5.7	5.5	7.5	11.4		17.4	15.4	13.5	11.8	10.2	8.7	7.1	5.5	3.9	-	100	100	238		
FKC 100 75.4 T5	60176851	8.100	60180435	8.229	3x400 VY/D	8.1	7.5	10	14.6		22.5	20.1	18	16	14.2	12.5	10.9	9.2	7.5	4.6	100	100	238		

FK C

SUBMERSIBLE PUMPS FOR WASTEWATER



MODEL	STANDARD		OIL SENSOR		ELECTRICAL DATA					HYDRAULIC DATA												DNM	FREE PASSAGE mm	WEIGH KG
	CODE	PRICE €	CODE	PRICE €	POWER SUPPLY 50 Hz	P1 MAX Kw	P2 NOMINAL		In A	Q=m³h	0	36	72	108	144	180	216	252	288	324				
							Q=l/min	0		600	1200	1800	2400	3000	3600	4200	4800	5400						
FKC 150 30.4 T5	60177074	6.394	60180448	6.522	3x400 VDOL	3.7	3	4.1	7.8	H(m)	9.7	8.7	7.6	6.3	5	3.5	2.1	-	-	-	150	100	193	
FKC 150 40.4 T5	60176875	7.246	60180447	7.374	3x400 VDOL	4.5	4	5.5	8.7		13.3	11.4	9.8	8.1	6.6	5	3.3	1.5	-	-	150	100	193	
FKC 150 55.4 T5	60176852	8.104	60180436	8.232	3x400 VV/D	6	5.5	7.5	11.3		17.3	14.8	12.7	10.9	9.3	7.7	6.2	4.7	2.9	-	150	100	240	
FKC 150 75.4 T5	60176853	9.378	60180433	9.507	3x400 VV/D	8.4	7.5	10.1	14.7		22.5	19.6	17.2	15	13.1	11.4	9.7	8.1	6.3	4.3	150	100	242	

Power supply: 3x400V DOL direct starting, 3x400V V/D star/delta starter.

GROUPING: AP

RECOMMENDED ACCESSORIES

TYPE	DESCRIPTION	CODE	PRICE	Standalone installation	Installation with lifting device	FKV 80	FKC 80 FKV 100	FKC 100 FKC 150
CONTROL PANEL*	NGPANEL	-	-	•				
CONTROL PANEL*	ED, E2D, E3D	-	-	•				
HYDRAULIC ACCESSORY	NON-RETURN BALL VALVE DN 80	60160631	252	•				
HYDRAULIC ACCESSORY	NON-RETURN BALL VALVE DN 100	60160632	350	•				
HYDRAULIC ACCESSORY	GATE VALVE FLAT BODY DN 80	60163813	383	•				
HYDRAULIC ACCESSORY	GATE VALVE FLAT BODY DN 100	60163814	538	•				
INSTALLATION ACCESSORY	LIFTING DEVICE FOR FLANGED PUMPS DN80 - VERTICAL	60167994	711		•			
INSTALLATION ACCESSORY	LIFTING DEVICE FOR FLANGED PUMPS DN100 - VERTICAL	60169609	1.134		•			
INSTALLATION ACCESSORY	LIFTING DEVICE FOR FLANGED PUMPS DN150 - VERTICAL	60169610	1.731		•			
INSTALLATION ACCESSORY	CHAIN KIT WITH 3M SHACKLE A316 MAX 350KG	60178908	225		•			
INSTALLATION ACCESSORY	SUPPORT BASE Ø330 FK	60170330	193	•		•		
INSTALLATION ACCESSORY	SUPPORT BASE Ø355 FK	60170331	200	•			•	Up to 2.2 kW
INSTALLATION ACCESSORY	SUPPORT BASE Ø400 FK	60184584	451	•				Over 2.2 kW

* Always check the pump-panel combination in the selection tables

FEKA VS GRINDER

SUBMERSIBLE WASTEWATER PUMPS WITH SHREDDER



FEKA VS GRINDER MA

FEKA VS GRINDER M-NA

Submersible pump with shredder for lifting and transferring sewage water from drains in domestic installations.

The pump is certified to European Union standard EN 12050-1 which applies to lifting systems for wastewater containing faecal matter in buildings and construction sites.

Thanks to the shredder, the pump is suitable for systems with small pipe diameters or requiring high pressures.

The shredding system is in AISI 630 stainless steel.

The handle is covered with insulating rubber.

The motor shaft is in AISI 316 stainless steel.

Double mechanical seal with an oil chamber in between (non-toxic oil), made of carbon/alumina on the motor side and silicon carbide/silicon carbide on the pump side.

Seal cover, motor casing, cap and handle are made of stainless steel. Cast iron pump body and base.

The motor is dry, asynchronous, watertight and cooled by the pumped liquid.

The rotor is mounted on ball bearings greased for life, oversized and selected for low noise and durability.

The single-phase version has thermo-amperometric protection as standard. The three-phase version has thermo-amperometric protection that can be connected to a control panel.

Permanently inserted capacitor in the single-phase version.

Construction according to CEI 2-3 CEI 61-69 standards (EN 60335-2-41).

Pumped liquid Untreated wastewater.

Liquid temperature range
0 °C to +40 °C.

Outlet

Thread 1 1/2" GAS

Flange DN 32 and DN 40.

Delivery direction

Horizontal and vertical with elbow kit accessory.

Impeller Open in cast iron with shredder.

Maximum immersion 7 metres.

Possible installation types

Fixed or portable in vertical or horizontal position.

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ACCESSORIES
PAGE 325

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA														DNM		CABLE	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³h	0	2	4	6	8	9	10	11	12	14								
					KW	HP		Q=ℓ/min	0	34	66	100	135	150	168	180	200	240								
FEKA VS GRINDER 1000 MA	60211233H	979	1x230V	1.3	1	1.3	6.4	H (m)	25	23	21	18	14.5	12.8	10.5	9	6.5	0.67	1"1/2 GAS	DN32 PN10/6 DN40 PN6	10m	23	13			
FEKA VS GRINDER 1000 M-NA	60211234H	953	1x230V	1.3	1	1.3	6.2		25	23	21	18	14.5	12.8	10.5	9	6.5	0.67	1"1/2 GAS	DN32 PN10/6 DN40 PN6	10m	23	13			
FEKA VS GRINDER 1000 TNA	60211235H	953	3x400V	1.3	1	1.3	3		25	23	21	18	14.5	12.8	10.5	9	6.5	0.67	1"1/2 GAS	DN32 PN10/6 DN40 PN6	10m	23	13			

A: Automatic with float

GROUPING: AP

RECOMMENDED ACCESSORIES

TYPE	DESCRIPTION	CODE	PRICE	Standalone installation	Installation with lifting device
CONTROL PANEL*	E.BOX	-	-	•	•
CONTROL PANEL*	NGPANEL	-	-	•	•
INSTALLATION ACCESSORY	LIFTING DEVICE FOR FLANGED PUMPS DN50 - HORIZONTAL	60195865	280		•
INSTALLATION ACCESSORY	CHAIN KIT WITH SHACKLE IN STAINLESS STEEL 3M - 150KG	60171183	140	•	•
HYDRAULIC ACCESSORY	90° ELBOW KIT - DN32/DN40 - 1 1/2"	60195857	197	•	
HYDRAULIC ACCESSORY	NON-RETURN BALL VALVE 1 1/2" THREADED	60160626	112	•	•

* Always check the pump-panel combination in the selection tables

GRINDER FX

SUBMERSIBLE SEWAGE WATER PUMPS WITH SHREDDER



Submersible pump with shredder for lifting and transferring sewage water from drains in civil and commercial installations. Certified to European Union standard EN 12050-1 which applies to lifting systems for wastewater containing faecal matter in buildings and construction sites. The pump is suitable for fixed installations with a coupling device or portable if placed directly on the bottom of the tank. Thanks to the shredder, the pump is suitable for systems with small pipe diameters or requiring high pressures. The shredding system is in AISI 630 stainless steel. Double silicon carbide mechanical seal completely protected in the oil chamber and not in contact with the pumped liquid. AISI 304 motor shaft. Quick connecting resin-coated cable gland. Its small footprint and flanged and threaded delivery ports make it ideal for replacements. Designed for quick maintenance thanks to a construction solution that provides easy access to the pump's main components. Single-phase versions with starting capacitor in the external panel provided with the product, available with float for automatic operation with power ratings up to 1.5 kW. In three-phase versions, protection is the responsibility of the user. Maximum dry running time: 10 min. ATEX version available for use in potentially explosive environments (ATEX certification: II2G Ex db IIB T4 GB).

Pumped liquid Untreated wastewater.

Liquid temperature range
+50°C (+60°C for short periods);
+40°C for ATEX version.

Outlet

Threaded 1 1/2" GAS
Flanged DN 32 and DN 40.

Delivery direction horizontal and vertical with elbow kit accessory.

Impeller Open in cast iron with shredder.

Maximum immersion 7 metres.

Possible installation types

Portable on the ground, fixed on coupling device.

GRINDER FX

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MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA														DNM	CABLE	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³h	0	2.4	4.8	7.2	9.6	12	14.4	16.8	19.2								
					kW	HP		Q=ℓ/min	0	40	80	120	160	200	240	280	320								
GRINDER FX 15.07 MA	60191222	1.729	1x230 V	1.1	0.8	1.1	5.3	H (m)	16.9	15.2	13.4	11.4	9.2	6.7	3.9			Rp 1"1/2 GAS	DN32 PN10/6 DN40 PN6	10 m	35	6			
GRINDER FX 15.07 MNA	60191220	1.690	1x230 V	1.1	0.8	1.1	5.3		16.9	15.2	13.4	11.4	9.2	6.7	3.9			Rp 1"1/2 GAS	DN32 PN10/6 DN40 PN6	10 m	35	6			
GRINDER FX 15.07 S TNA	60191221	1.653	3x400 V	1	0.8	1.1	2		16.9	15.2	13.4	11.4	9.2	6.7	3.9			Rp 1"1/2 GAS	DN32 PN10/6 DN40 PN6	10 m	35	6			
GRINDER FX 15.11 MA	60191242	1.921	1x230 V	1.5	1.1	1.5	6.8		24.9	22.6	20.5	18.3	15.9	13.2	10.1	6.3	1.8	Rp 1"1/2 GAS	DN32 PN10/6 DN40 PN6	10 m	35	6			
GRINDER FX 15.11 MNA	60191240	1.883	1x230 V	1.5	1.1	1.5	6.8		24.9	22.6	20.5	18.3	15.9	13.2	10.1	6.3	1.8	Rp 1"1/2 GAS	DN32 PN10/6 DN40 PN6	10 m	35	6			
GRINDER FX 15.11 S TNA	60191278	1.845	3x400 V	1.5	1.1	1.5	2.8		24.9	22.6	20.5	18.3	15.9	13.2	10.1	6.3	1.8	Rp 1"1/2 GAS	DN32 PN10/6 DN40 PN6	10 m	35	6			
GRINDER FX 15.15 MA	60191260	2.115	1x230 V	2.2	1.6	2.1	9.8		27.3	25.2	23.3	21.4	19.5	17.3	14.8	11.9	8.5	Rp 1"1/2 GAS	DN32 PN10/6 DN40 PN6	10 m	38	6			
GRINDER FX 15.15 MNA	60191258	2.075	1x230 V	2.2	1.6	2.1	9.8		27.3	25.2	23.3	21.4	19.5	17.3	14.8	11.9	8.5	Rp 1"1/2 GAS	DN32 PN10/6 DN40 PN6	10 m	38	6			
GRINDER FX 15.15 S TNA	60191259	1.996	3x400 V	2.1	1.6	2.1	3.8		27.3	25.2	23.3	21.4	19.5	17.3	14.8	11.9	8.5	Rp 1"1/2 GAS	DN32 PN10/6 DN40 PN6	10 m	38	6			
GRINDER FX 15.22 S TNA	60191279	2.190	3x400 V	2.6	2.1	2.8	4.7		32.8	30.5	28.5	26.5	24.4	22.3	19.9	17.2	14	Rp 1"1/2 GAS	DN32 PN10/6 DN40 PN6	10 m	39	6			

A: Automatic with float

S: Oil Sensor

GROUPING: AP

RECOMMENDED ACCESSORIES

TYPE	DESCRIPTION	CODE	PRICE	Standalone installation	Installation with lifting device
CONTROL PANEL*	NGPANEL	-	-	•	•
HYDRAULIC ACCESSORY	NON-RETURN BALL VALVE 1 1/2" THREADED	60160626	112	•	•
INSTALLATION ACCESSORY	90° ELBOW KIT 1 1/2" GAS FX	60195857	197	•	
INSTALLATION ACCESSORY	DA-050 HORIZONTAL COUPLING DEVICE	60195865	280		•
HYDRAULIC ACCESSORY	CHAIN KIT WITH 3M SHACKLE A316 MAX 150KG	60171183	140		•

* Always check the pump-panel combination in the selection tables

SPECIAL WASTEWATER DESIGNS

These products are supplied with a built-in capacitor in the single-phase version.

In all models listed below, management and control panels will be the responsibility of the installer and will not be supplied by DAB.

SPECIAL OPTIONS - WASTEWATER

FX – ATEX VERSIONS



GRINDER FX - FEKA FX V

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA												DNM		CABLE
			POWER SUPPLY 50 Hz	P1 MAX Kw	P2 NOMINAL		In A	Q=m³h	0	2.4	4.8	7.2	9.6	12	14.4	16.8	19.2					
					kW	HP		Q=l/min	0	40	80	120	160	200	240	280	320					
GRINDER FX 15.07 TNA 400/50 EX	60194120	1.900	3x400V	1	0.8	1.1	2	H (m)	16.9	15.2	13.4	11.4	9.2	6.7	3.9	-	-	Rp 1 1/2" GAS	DN32 PN10/6 DN40 PN6	10m		
GRINDER FX 15.11 TNA 400/50 EX	60194170	2.121	3x400V	1.5	1.1	1.5	2.8		24.9	22.6	20.5	18.3	15.9	13.2	10.1	6.3	1.8	Rp 1 1/2" GAS	DN32 PN10/6 DN40 PN6	10m		
GRINDER FX 15.15 TNA 400/50 EX	60194227	2.298	3x400V	2.1	1.6	2.1	3.8		27.3	25.2	23.3	21.4	19.5	17.3	14.8	11.9	8.5	Rp 1 1/2" GAS	DN32 PN10/6 DN40 PN6	10m		
GRINDER FX 15.22 TNA 400/50 EX	60191280	2.519	3x400V	2.6	2.1	2.8	4.7		32.8	30.5	28.5	26.5	24.4	22.3	19.9	17.2	14	Rp 1 1/2" GAS	DN32 PN10/6 DN40 PN6	10m		

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA										DNM		CABLE
			POWER SUPPLY 50 Hz	P1 MAX Kw	P2 NOMINAL		In A	Q=m³h	0	6	12	18	24	30	36	42				
					kW	HP		Q=l/min	0	100	200	300	400	500	600	700				
FEKA FXV 20.07 MNA 220-240/50 EX	60194085	1.449	1x230 V	1.4	0.9	1.2	6.4	H(m)	11.7	10.9	9.6	7.7	5.4	2.9	-	-	Rp 2" GAS	50 PN10/6	10m	
FEKA FXV 20.07 TNA 400/50 EX	60194086	1.449	3x400 V	1.4	0.9	1.2	2.4		11.7	10.9	9.6	7.7	5.4	2.9	-	-	Rp 2" GAS	50 PN10/6	10m	
FEKA FXV 20.11 MNA 220-240/50 EX	60194135	1.656	1x230 V	1.7	1.2	1.6	8		13.1	12.9	11.9	10.1	7.7	4.8	-	-	Rp 2" GAS	50 PN10/6	10m	
FEKA FXV 20.11 TNA 400/50 EX	60194136	1.656	3x400 V	1.6	1.2	1.6	2.9		13.1	12.9	11.9	10.1	7.7	4.8	-	-	Rp 2" GAS	50 PN10/6	10m	
FEKA FXV 20.15 MNA 220-240/50 EX	60194187	1.886	1x230 V	2.3	1.7	2.3	10.5		16.2	15.6	14.4	12.6	10.4	7.7	4.7	-	Rp 2" GAS	50 PN10/6	10m	
FEKA FXV 20.15 TNA 400/50 EX	60194189	1.886	3x400 V	2.2	1.7	2.3	4		16.2	15.6	14.4	12.6	10.4	7.7	4.7	-	Rp 2" GAS	50 PN10/6	10m	
FEKA FXV 20.22 TNA 400/50 EX	60194248	2.185	3x400 V	2.9	2.2	2.9	5		18.5	18	17.1	15.9	14.3	12.2	9.7	6.6	Rp 2" GAS	50 PN10/6	10m	

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA												DNM		CABLE
			POWER SUPPLY 50 Hz	P1 MAX Kw	P2 NOMINAL		In A	Q=m³h	0	6	12	18	24	30	36	42	48	54	GAS	DN1		
					kW	HP		Q=l/min	0	100	200	300	400	500	600	700	800	900				
FEKA FXV 25.15 MNA 220-240/50 EX	60194202	2.013	1x230 V	2.3	1.7	2.3	10.6	H (m)	13.7	13.4	12.4	11	9.2	7.4	5.5	3.9	2.5	-	-	65 PN10/6	10m	
FEKA FXV 25.15 TNA 400/50 EX	60194241	2.013	3x400 V	2.2	1.7	2.3	4		13.7	13.4	12.4	11	9.2	7.4	5.5	3.9	2.5	-	-	65 PN10/6	10m	
FEKA FXV 25.22 TNA 400/50 EX	60194255	2.254	3x400 V	2.8	2.2	2.9	4.9		16.5	16.3	15.6	14.5	13	11.3	9.4	7.5	5.6	3.8	-	65 PN10/6	10m	

FK V 80

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA										DNM	FREE PASSAGE mm	WEIGHT KG	
			POWER SUPPLY 50 Hz	P1 MAX Kw	P2 NOM.		In A	Q=m³/h	0	12	24	36	48	60	72	84	96				108
					kW	HP		Q=l/min	0	200	400	600	800	1000	1200	1400	1600				1800
FKV 80 60/2 II 2G EX DB H IIB T4 GB ATEX-T40°C	60179000	4.476	3x400 VY/D	6.9	6	8.2	11.7	H (m)	29.1	27.5	24.4	20.3	15.7	11.4	7.9	-	-	-	80	80	168
FKV 80 75/2 II 2G EX DB H IIB T4 GB ATEX-T40°C	60179001	5.822	3x400 VY/D	8.3	7.5	10.2	13.7		32.1	31.2	28.5	24.5	19.9	15.1	10.6	7.1	5.1	-	80	80	218
FKV 80 92/2 II 2G EX DB H IIB T4 GB ATEX-T40°C	60179002	6.936	3x400 VY/D	10.2	9.2	12.5	18		35.9	35.5	33.1	29.2	24.4	19.3	14.3	10.2	7.3	-	80	80	218
FKV 80 110/2 II 2G EX DB H IIB T4 GB ATEX-T40°C	60179003	7.163	3x400 VY/D	12.1	11	15	21		40.9	40.7	38.7	35.2	30.6	25.6	20.3	15.5	11.4	8.5	80	80	218

SPECIAL WASTEWATER DESIGNS

FK V 100

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA												DNM	FREE PASSAGE mm	WEIGHT KG
			POWER SUPPLY 50 Hz	P1 MAX Kw	P2 NOM.		In A	Q=m³/h	0	15	30	45	60	75	90	105	126	144				
					kW	HP		Q=l/min	0	250	500	750	1000	1250	1500	1750	2100	2400				
FKV 100 30/4 II 2G EX DB H IIB T4 GB ATEX-T40°C	60179004	4.476	3x400 V DOL	3.5	3	4	8	H (m)	11.8	10.9	9.6	8	6.2	4.6	3.1	-	-	-	100	100	167	
FKV 100 40/4 II 2G EX DB H IIB T4 GB ATEX-T40°C	60179005	4.923	3x400 V DOL	4.5	4	5.5	8.9		14	13.1	11.9	10.4	8.8	7.1	5.4	3.9	-	-	100	100	167	
FKV 100 55/4 II 2G EX DB H IIB T4 GB ATEX-T40°C	60179006	6.716	3x400 V Y/D	6.2	5.5	7.5	11.3		15.9	15.5	14.8	13.7	12.3	10.8	9.2	7.5	5.4	-	100	100	221	
FKV 100 75/4 II 2G EX DB H IIB T4 GB ATEX-T40°C	60179007	6.936	3x400 V Y/D	8.3	7.5	10	14.3		19	18.8	18.3	17.4	16.3	15	13.5	11.9	9.6	7.7	100	100	221	

FK C 80

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA												DNM	FREE PASSAGE mm	WEIGHT KG
			POWER SUPPLY 50 Hz	P1 MAX Kw	P2 NOM.		In A	Q=m³h	0	21	42	63	84	105	126	147	168	189				
					kW	HP		Q=l/min	0	350	700	1050	1400	1750	2100	2450	2800	3150				
FKC 80 55/4 II 2G EX DB H IIB T4 GB ATEX-T40°C	60180460	7.609	3x400 VY/D	6.3	5.5	7.5	12	H (m)	21	18.8	16.8	15.1	13.5	12	10.6	9.3	7.9	-	80	80	235	
FKC 80 75/4 II 2G EX DB H IIB T4 GB ATEX-T40°C	60180461	8.058	3x400 VY/D	8.5	7.5	10	14.1		24.6	21.9	19.7	17.8	16	14.5	13	11.5	9.8	8	80	80	237	

FK C 100

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA												DNM	FREE PASSAGE mm	WEIGHT KG
			POWER SUPPLY 50 Hz	P1 MAX Kw	P2 NOM.		In A	Q=m³h	0	30	60	90	120	150	180	210	240	288				
					kW	HP		Q=l/min	0	500	1000	1500	2000	2500	3000	3500	4000	4800				
FKC 100 30/4 II 2G EX DB H IIB T4 GB ATEX-T40°C	60180468	5.822	3x400 V DOL	3.3	3	4	7.7	H (m)	9.8	9	7.9	6.8	5.5	4.2	3	-	-	-	100	100	190	
FKC 100 40/4 II 2G EX DB H IIB T4 GB ATEX-T40°C	60180469	6.043	3x400 V DOL	4.2	4	5.5	8.6		13.1	11.4	9.8	8.3	6.9	5.4	4	-	-	-	100	100	190	
FKC 100 55/4 II 2G EX DB H IIB T4 GB ATEX-T40°C	60180457	8.281	3x400 V Y/D	5.7	5.5	7.5	11.4		17.4	15.4	13.5	11.8	10.2	8.7	7.1	5.5	3.9	-	100	100	238	
FKC 100 75/4 II 2G EX DB H IIB T4 GB ATEX-T40°C	60180458	8.502	3x400 V Y/D	8.1	7.5	10	14.6		22.5	20.1	18	16	14.2	12.5	10.9	9.2	7.5	4.6	100	100	238	

FK C 150

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA												DNM	FREE PASSAGE mm	WEIGHT KG
			POWER SUPPLY 50 Hz	P1 MAX Kw	P2 NOM.		In A	Q=m³h	0	36	72	108	144	180	216	252	288	324				
					kW	HP		Q=l/min	0	600	1200	1800	2400	3000	3600	4200	4800	5400				
FKC 150 30/4 II 2G EX DB H IIB T4 GB ATEX-T40°C	60180471	6.716	3x400 V DOL	3.7	3	4.1	7.8	H(m)	9.7	8.7	7.6	6.3	5	3.5	2.1	-	-	-	150	100	193	
FKC 150 40/4 II 2G EX DB H IIB T4 GB ATEX-T40°C	60180470	7.609	3x400 V DOL	4.5	4	5.5	8.7		13.3	11.4	9.8	8.1	6.6	5	3.3	1.5	-	-	150	100	193	
FKC 150 55/4 II 2G EX DB H IIB T4 GB ATEX-T40°C	60180459	8.510	3x400 V Y/D	6	5.5	7.5	11.3		17.3	14.8	12.7	10.9	9.3	7.7	6.2	4.7	2.9	-	150	100	240	
FKC 150 75/4 II 2G EX DB H IIB T4 GB ATEX-T40°C	60180456	9.847	3x400 V Y/D	8.4	7.5	10.1	14.7		22.5	19.6	17.2	15	13.1	11.4	9.7	8.1	6.3	4.3	150	100	242	

SPECIAL WASTEWATER DESIGNS

FX - DIFFERENT CABLE LENGTHS

MODEL	CODE	PRICE €	ELECTRICAL DATA						HYDRAULIC DATA												DNM		CABLE
			POWER SUPPLY 50 Hz	P1 MAX Kw	P2 NOMINAL		In A	Q=m³h	0	2.4	4.8	7.2	9.6	12	14.4	16.8	19.2	GAS	DN1				
					kW	HP		Q=l/min	0	40	80	120	160	200	240	280	320						
GRINDER FX 15.22 S TNA 20M	60219513	2.577	3x400V	2.6	2.1	2.8	4.7	H (m)	32.8	30.5	28.5	26.5	24.4	22.3	19.9	17.2	14	Rp 1 1/2" GAS	DN32 PN10/6 DN40 PN6	20 m			

MODEL	CODE	PRICE €	ELECTRICAL DATA						HYDRAULIC DATA												DNM		CABLE
			POWER SUPPLY 50 Hz	P1 MAX Kw	P2 NOMINAL		In A	Q=m³h	0	6	12	18	24	30	36	42	48	54	GAS	DN1			
					kW	HP		Q=l/min	0	100	200	300	400	500	600	700	800	900					
FEKA FXV 20.15 S TNA 20M	60213748	1.722	3x400V	2.2	1.7	2.3	4	H (m)	16.2	15.6	14.4	12.6	10.4	7.7	4.7	-	-	-	Rp 2"	50 PN10/6	20 m		
FEKA FXV 20.22 S TNA 20M	60202455	1.995	3x400V	2.9	2.2	2.9	5		18.5	18	17.1	15.9	14.3	12.2	9.7	6.6	-	-	Rp 2"	50 PN10/6	20 m		
FEKA FXV 25.15 S TNA 20M	60219507	1.838	3x400V	2.2	1.7	2.3	4		13.7	13.4	12.4	11	9.2	7.4	5.5	3.9	2.5	-	-	65 PN10/6	20 m		
FEKA FXV 25.22 S TNA 20M	60216804	2.058	3x400V	2.8	2.2	2.9	4.9		16.5	16.3	15.6	14.5	13	11.3	9.4	7.5	5.6	3.8	-	65 PN10/6	20 m		
FEKA FXV 20.22 S TNA 30M	60216750	2.090	3x400V	2.9	2.2	2.9	5		18.5	18	17.1	15.9	14.3	12.2	9.7	6.6	-	-	Rp 2"	50 PN10/6	30 m		
FEKA FXV 25.22 S TNA 30M	60219509	2.156	3x400V	2.8	2.2	2.9	4.9		16.5	16.3	15.6	14.5	13	11.3	9.4	7.5	5.6	3.8	-	65 PN10/6	30 m		
FEKA FXV 25.30 S TNA 20M	60220213	2.321	3x400V	3.4	3	4	6.8		20	19.5	18.9	18	16.7	14.8	13	11	8.5	6.8	-	65 PN10/6	20 m		
FEKA FXV 25.30 S TNA 30M	60220214	2.431	3x400V	3.4	3	4	6.8		20	19.5	18.9	18	16.7	14.8	13	11	8.5	6.8	-	65 PN10/6	30 m		

S: Oil Sensor

FX - DIFFERENT CABLE LENGTHS

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA								DNM	CABLE	
			POWER SUPPLY 50 Hz	P1 MAX Kw	P2 NOMINAL		In A	Q=m³h	0	6	12	18	24	30	36	42		DN1
					kW	HP		Q=l/min	0	150	300	550	650	800	950	1200		
FEKA FXS 25.30 S TNA 20M	60220215	2.896	3x400 V	3.4	3	4	6.8	H (m)	25	22.5	20	15.2	13.4	10.8	7.5	2.6	65 PN10/6	20 m
FEKA FXS 30.30 S TNA 20M	60220217	2.896	3x400 V	3.4	3	4	6.8		25	22.5	20	15.2	13.4	10.8	7.5	2.6	80 PN10/6	20 m
FEKA FXS 25.30 S TNA 30M	60220216	3.086	3x400 V	3.4	3	4	6.8		25	22.5	20	15.2	13.4	10.8	7.5	2.6	65 PN10/6	30 m
FEKA FXS 30.30 S TNA 30M	60220218	3.086	3x400 V	3.4	3	4	6.8		25	22.5	20	15.2	13.4	10.8	7.5	2.6	80 PN10/6	30 m

S: Oil Sensor

SPECIAL WASTEWATER DESIGNS

FK - DIFFERENT CABLE LENGTHS

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA												DNM	FREE PASSAGE mm	CABLE
			POWER SUPPLY 50 Hz	P1 MAX Kw	P2 NOM.		In A	Q=m³/h	0	12	24	36	48	60	72	84	96	108				
					kW	HP		Q=l/min	0	200	400	600	800	1000	1200	1400	1600	1800				
FKV 80 60.2 TNA 20M	60216792	4.836	3x400 V Y/D	6.9	6	8.2	11.7	H (m)	29.1	27.5	24.4	20.3	15.7	11.4	7.9	-	-	-	80	80	20 m	
FKV 80 75.2 T5 20M	60219659	6.171	3x400 V Y/D	8.3	7.5	10.2	13.7		32.1	31.2	28.5	24.5	19.9	15.1	10.6	7.1	5.1	-	80	80	20 m	
FKV 80 92.2 20M	60185478	7.285	3x400 V Y/D	10.2	9.2	12.5	18		35.9	35.5	33.1	29.2	24.4	19.3	14.3	10.2	7.3	-	80	80	20 m	
FKV 80 110.2 20M	60183546	7.197	3x400 V Y/D	12.1	11	15	21		40.9	40.7	38.7	35.2	30.6	25.6	20.3	15.5	11.4	8.5	80	80	20 m	

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA												DNM	FREE PASSAGE mm	CABLE
			POWER SUPPLY 50 Hz	P1 MAX Kw	P2 NOM.		In A	Q=m³/h	0	15	30	45	60	75	90	105	126	144				
					kW	HP		Q=l/min	0	250	500	750	1000	1250	1500	1750	2100	2400				
FKV 100 55.4 T5 20M	60219660	7.063	3x400 V Y/D	6.2	5.5	7.5	11.3	H (m)	15.9	15.5	14.8	13.7	12.3	10.8	9.2	7.5	5.4	-	100	100	20 m	
FKV 100 75.4 T5 20M	60188593	6.983	3x400 V Y/D	8.3	7.5	10	14.3		19	18.8	18.3	17.4	16.3	15	13.5	11.9	9.6	7.7	100	100	20 m	

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA												DNM	FREE PASSAGE mm	CABLE
			POWER SUPPLY 50 Hz	P1 MAX Kw	P2 NOM.		In A	Q=m³/h	0	21	42	63	84	105	126	147	168	189				
					kW	HP		Q=l/min	0	350	700	1050	1400	1750	2100	2450	2800	3150				
FKC 80 55.4 T5 20M	60219663	7.956	3x400 V Y/D	6.3	5.5	7.5	12	H (m)	21	18.8	16.8	15.1	13.5	12	10.6	9.3	7.9	-	80	80	20m	
FKC 80 75.4 T5 20M	60219661	8.402	3x400 V Y/D	8.5	7.5	10	14.1		24.6	21.9	19.7	17.8	16	14.5	13	11.5	9.8	8	80	80	20m	

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA												DNM	FREE PASSAGE mm	CABLE
			POWER SUPPLY 50 Hz	P1 MAX Kw	P2 NOM.		In A	Q=m³/h	0	30	60	90	120	150	180	210	240	288				
					kW	HP		Q=l/min	0	500	1000	1500	2000	2500	3000	3500	4000	4800				
FKC 100 55.4 T5 20M	60186020	7.328	3x400 V Y/D	5.7	5.5	7.5	11.4	H (m)	17.4	15.4	13.5	11.8	10.2	8.7	7.1	5.5	3.9	-	100	100	20 m	
FKC 100 75.4 T5 20M	60219662	8.846	3x400 V Y/D	8.1	7.5	10	14.6		22.5	20.1	18	16	14.2	12.5	10.9	9.2	7.5	4.6	100	100	20 m	

GENIX

AUTOMATIC LIFTING STATIONS



GENIX



GENIX WL



Indispensable in cases where wastewater from toilets, showers, washbasins or bidets cannot be expelled by gravity. It is a lifting station that collects and pumps wastewater through a small pipe to the nearest gravity drain.

GENIX models feature a front toilet outlet. The GENIX WL version differs in that it has a side toilet outlet, specially designed for applications with wall-hung sanitary ware or when there is not enough space behind the toilet. The 110 model can be connected to an additional utility such as a washbasin in addition to the toilet. The 130 model can be connected to three additional utilities, such as a washbasin, shower, bidet or bathtub in addition to the toilet. The available models are low noise, which is further enhanced in the Comfort versions. The pump is powerful and reliable; the shredder is made of nickel-plated stainless steel. These components make it durable and virtually maintenance-free. In the event of a blockage, extraordinary maintenance is a clean and hassle-free operation: without removing the product, simply drain off excess water into a basin and then remove the motor unit. The installation kit comes with connections adaptable to different pipe diameters with quick connectors and built-in non-return valves. An audible flood alarm and an extension pipe adapter are available as accessories to adapt the GENIX to pre-existing installations.

Operating range

Liquid from 0°C to +50°C.

Wastewater as per EN 12050-3.

Capacity Approved for 6 to 9 litre flushes according to EN 12050-3.

Operation Automatic.

Approvals VDE-GS, LGA, VDE-EMC.



ONLINE
TRAINING

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA							H max according to EN12050-3 (m)	Additional inlets	DNM mm	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A	Q=m³/h	0	0.9	1.8	3	4.2	5.4				
				kW	HP		Q=l/min	0	15	30	50	70	90				
GENIX 110	60165319H	746	1 x 230 V ~	0.32	0.44	2.3	H(m)	8	7.5	6.8	5.2	3.5	1	6	1 (up)	22/25/28/32/36/40	10
GENIX 130	60161880H	879	1 x 230 V ~	0.32	0.44	2.3		8	7.5	6.8	5.2	3.5	1	6	2 (side) + 1 (up)		10.3
GENIX COMFORT 110	60165322H	857	1 x 230 V ~	0.32	0.44	2.3		8	7.5	6.8	5.2	3.5	1	6	1 (up)		11.2
GENIX COMFORT 130	60165318H	989	1 x 230 V ~	0.32	0.44	2.3		8	7.5	6.8	5.2	3.5	1	6	2 (side) + 1 (up)		11.7
GENIX WL 110	60185327H	746	1 x 230 V ~	0.32	0.44	2.3		8	7.5	6.8	5.2	3.5	1	6	1 (up)		10
GENIX WL 130	60185581H	879	1 x 230 V ~	0.32	0.44	2.3		8	7.5	6.8	5.2	3.5	1	6	2 (side) + 1 (up)		10.3

GROUPING: AP

ACCESSORIES

	AUDIBLE ALARM DEVICE	60166477	90

discover GENIX



GENIX VT

AUTOMATIC LIFTING STATIONS



Indispensable in cases where wastewater from washbasins, showers, washing machines or dishwashers cannot be expelled by gravity. It is a lifting station that collects and pumps wastewater through a small pipe to the nearest gravity drain. The 010 model can be connected to a utility with a high outlet such as a washbasin. The 030 model can be connected to up to three utilities with a low outlet, such as a shower, bidet or bathtub. The available models are low noise and highly reliable, guaranteed by a powerful motor that allows operation even at high temperatures, up to 90°C. In the event of a blockage, extraordinary maintenance is a clean and hassle-free operation: without removing the product, simply drain off excess water into a basin and then remove the motor unit. The installation kit comes with connections adaptable to different pipe diameters with quick connectors and built-in non-return valves. An audible flood alarm and an extension pipe adapter are available as accessories to adapt the GENIX to pre-existing installations.

Operating range

Liquid from 0°C to +75°C and up to 90°C for 30 min.

Operation Automatic.

Approvals LGA.



ONLINE
TRAINING

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA								H max according to EN12050-3 (m)	Inlets	DNM mm	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMINAL		In A	Q=m³/h	0	0.9	1.8	4.2	5.4	5.7	6.7				
				kW	HP		Q=l/min	0	15	30	60	90	110	130				
GENIX VT 010	60185582H	651	1 x 230 V ~	0.32	0.44	2.5	H (m)	8.8	8.4	8	6.9	4.8	3.3	1.9	6	1	22/25/28/32/36/40	10
GENIX VT 030	60185583H	770	1 x 230 V ~	0.32	0.44	2.5		8.8	8.4	8	6.9	4.8	3.3	1.9	6	3		10.3

GROUPING: AP

ACCESSORIES

	AUDIBLE ALARM DEVICE	60166477	90

discover GENIX



GROUPING: AE

NOVABOX

AUTOMATIC LIFTING STATIONS



The automatic lifting stations for domestic wastewater from baths, washbasins, showers and washing machines installed in basements or otherwise below the sewer level. Feature a NOVA 300 electric pump with a 5-metre power cable and plug mounted on a technopolymer plate, a 30-litre technopolymer container, and a non-return valve mounted on the delivery. The lifting station is delivered ready for use.

Pumped liquid Wastewater free of solids and/or fibrous substances.

Liquid temperature range

0°C to +50°C. Up to 90°C for 3 min.

ACCESSORIES
PAGE 325

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA		WEIGHT KG
			POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q m³/h	H m	
					kW	HP				
NOVABOX 30/3001 M 40TH	60196309H	701	1x220-240 V ~	0.29	0.22	0.3	1.3	1-7,2	6,3-1	9.2

DELS

AUTOMATIC EXTERNAL LIFTING STATION


NEW


External lifting station to manage untreated waste water, when the sewer network cannot be reached, because of gravity issue.

Compact and all integrated, with Low noise water cooled motor: ideal for domestic and residential applications - such as basements or garages.

It's also designed for light commercial applications (small offices), or underground rooms and narrow spaces, in general.

Easy dismantling components for quick maintenance; integrated overflow switch to prevent flooding. With an external display to control the unit, chose working mode, adjust start and stop unit, and manage alarms. Accessories, and pressure switch are already assembled for a fast, simple, and clean installation.

Equipped with FEKA VS 900 for high reliability.

Operating range

Liquid from 0°C to +40°C (+60°C for shorts periods).

Pumped liquid

Wastewater and domestic sewer discharges.

Capacity 70 litres

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA										WEIGHT KG
			POWER SUPPLY 50 Hz	P1 MAX	P2 NOMINAL		In A	Q=m³h	0	3	6	9	12	12	18	24	30	
				kW	kW	HP		Q=l/min	0	50	100	150	200	250	300	400	500	
DELS 70/1000 WMS	60215911C	2.658	1X220-240 V~	1.75	1	1.36	8	H(m)	11.8	11.3	10.5	9.8	9	8	6.8	4.1		48

FEKABOX

AUTOMATIC LIFTING STATIONS



Automatic collection and lifting stations, ideal for collecting and pumping sewage, domestic wastewater of various kinds, rainwater and seepage drains, garage or basement drains into the sewerage network.

FEKABOX 110

- Components included:
Complete pump installation kit.
Cable gland for single pump.
Connector 2" F x 1 x 1/4 M
- Inlets and outlets:
3xDN110, 2xDN50 inlets
Ventilation 1xDN50
Emergency emptying 1xDN40

FEKABOX 200

- Components included:
Lifting device 2"
- Single pump cable gland
- Inlets and outlets:
Inlets xDN110, 2xDN50
Ventilation 1xDN50
Outlet 2"

FEKABOX 200 FX

- Components included:
Lifting device 2" CAST IRON
Single pump cable gland
- Inlets and outlets:
Inlets xDN110, 2xDN50
Ventilation 1xDN50
Outlet 2"

Operating range

0°C to +50 °C for Fekabox 110;
0°C to +45 °C for Fekabox 200.

Possible installation types

Inside or outside the building.
Floor-mounted, buried or housed.

Capacity

110 litres for Fekabox 110;
200 litres for Fekabox 200.

Material LLDPE.

Pump type Automatic.

SELECTION
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MODEL	CODE	PRICE €*	DIMENSIONS mm	WEIGHT KG	NUMBER OF PUMPS INSTALLABLE
FEKABOX 110	60211261	490	L(650) x W(400) x H(650)	10.3	1
FEKABOX 200	60162080	1.004	L(750) x W(600) x H(779)	23.2	1
FEKABOX 200 FX	60198414	1.092	L(750) x W(600) x H(779)	27	1

* The price refers to the cistern only: the pump must be ordered separately.

FEKAFOS

AUTOMATIC LIFTING STATIONS FOR ONE PUMP



Automatic collection and lifting stations, ideal for collecting and pumping sewage, domestic wastewater of various kinds, rainwater and seepage drains, garage or basement drains into the sewerage network

FEKAFOS 280

- Components included:
Lifting device 2".
4 cable glands per pump.
2 floats and alarm float holder
- Inlets and outlets:
Inlets DN110, DN50
Ventilation 1xDN50
Outlet 2"

FEKAFOS 280 DOUBLE

- Components included:
2 lifting devices 2".
6 cable glands per pump.
3 floats and alarm float holder
- Inlets and outlets:
Inlets DN110, DN50
Ventilation 1xDN50
Outlet 2"

FEKAFOS 550 DOUBLE

- Components included:
2 lifting devices 2".
6 cable glands per pump.
3 floats and alarm float holder
- Inlets and outlets:
Inlets 2xDN110
Ventilation 1xDN50
Outlet 2"

Liquid temperature range

0 °C to +45 °C.

Possible installation types

Inside or outside the building.
Floor-mounted, buried or housed.

Capacity

280 litres for FEKAFOS 280;
280 litres for FEKAFOS 280 DOUBLE;
550 litres for FEKAFOS 550.

Material

LLDPE.

Pump type Not automatic.



SELECTION
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ACCESSORIES
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MODEL	CODE	PRICE €*	DIMENSIONS mm	WEIGHT KG	NUMBER OF PUMPS INSTALLABLE
FEKAFOS 280	60162044	1.720	L(750) x W(600) x H(940)	40.5	1
FEKAFOS 280 DOUBLE	60163426	2.437	L(750) x W(600) x H(940)	53.7	2
FEKAFOS 550 DOUBLE	60166306	3.175	L(770) x W(1200) x H(945)	94	2

* The price refers to the cistern only: the pump and electrical control panel must be ordered separately.

FEKAFOS MAXI

AUTOMATIC LIFTING STATION FOR TWO PUMPS



Automatic collection and lifting stations, ideal for collecting and pumping sewage, domestic wastewater of various kinds, rainwater and seepage drains, garage or basement drains into the sewerage network

FEKAFOS MAXI – DN50

- Components included:
2 lifting devices.
2 floats and alarm float holder
- Inlets and outlets:
Inlets 1xDN125
Ventilation 1xDN50
Outlet 2xDN50

FEKAFOS MAXI – DN65

- Components included:
2 vertical lifting devices.
3 floats and alarm float holder
- Inlets and outlets:
Inlets 1xDN160
Ventilation 1xDN50
Outlet 2xDN65

FEKAFOS MAXI – DN80

- Components included:
2 vertical lifting devices.
3 floats and alarm float holder
- Inlets and outlets:
Inlets 1xDN160
Ventilation 1xDN50
Outlet 2xDN80



Liquid temperature range

0 °C to +45 °C.

Possible installation types

Inside or outside the building.
Floor-mounted, buried or housed.

Capacity

FEKAFOS MAXI 1200: 1200 L;
FEKAFOS MAXI 1700: 1700 L;
FEKAFOS MAXI 2200: 2200 L;
FEKAFOS MAXI 3600: 3600 L;

Material

LLDPE.

Pump type

Not automatic
Capacity
GR 1200: Includes filtering grille
CV: includes valve chamber
CV + GR: Includes filtering grille and valve chamber

SELECTION
TABLE
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MODEL	STANDARD VERSION		GR VERSION		CV VERSION		GR + CV VERSION		DIMENSIONS mm	WEIGHT** KG
	CODE	PRICE* €	CODE	PRICE* €	CODE	PRICE* €	CODE	PRICE* €		
FEKAFOS MAXI 1200 – DN50	60185601	4.950	60190475	6.665	60190464	8.571	60190415	10.286	L(1250) x W(1250) x H(1420)	140
FEKAFOS MAXI 1700 – DN50	60185602	6.599	60190476	8.313	60190465	10.219	60190451	11.932	L(1250) x W(1250) x H(1870)	165
FEKAFOS MAXI 2200 – DN50	60185603	7.375	60190477	9.093	60190466	10.997	60190452	12.712	L(1250) x W(1250) x H(2320)	190
FEKAFOS MAXI 3600 – DN50	60185604	11.213	60190478	12.929	60190413	14.834	60190453	16.548	L(1250) x W(1250) x H(3670)	285
FEKAFOS MAXI 1200 – DN65	60184840	6.186	60190479	7.904	60190468	10.353	60190454	12.067	L(1250) x W(1250) x H(1420)	170
FEKAFOS MAXI 1700 – DN65	60185605	8.368	60190480	10.081	60190469	12.531	60190455	14.246	L(1250) x W(1250) x H(1870)	195
FEKAFOS MAXI 2200 – DN65	60184841	9.169	60190481	10.884	60190470	13.332	60190456	15.050	L(1250) x W(1250) x H(2320)	220
FEKAFOS MAXI 3600 – DN65	60184842	13.074	60190482	14.792	60190471	17.240	60190457	18.954	L(1250) x W(1250) x H(3670)	315
FEKAFOS MAXI 1200 – DN80	60184843	8.500	60190483	10.219	60190472	13.207	60190458	14.925	L(1250) x W(1250) x H(1420)	183
FEKAFOS MAXI 1700 – DN80	60185606	9.341	60190484	11.057	60190473	14.049	60190460	15.763	L(1250) x W(1250) x H(1870)	208
FEKAFOS MAXI 2200 – DN80	60184844	10.161	60190485	11.880	60190474	14.872	60190461	16.585	L(1250) x W(1250) x H(2320)	233
FEKAFOS MAXI 3600 – DN80	60184845	14.145	60190486	15.859	60190414	18.852	60190462	20.567	L(1250) x W(1250) x H(3670)	328

* The price refers to the cistern only: the pump and electrical control panel must be ordered separately.

** Consider 15 kg more in the version with grilles

GROUPING: AP

ACCESSORIES

	DESCRIPTION	CODE	SUPPLY	PRICE €
	DRIVE-OVER FRAME D400 1200X1200	60190463	To be installed on site in a suitably created reinforced concrete structure at street level. - Steel frame for anchoring on reinforced concrete slab. - Round cast iron drive-over manhole cover D400 1200x1200 - Elevation and protection column.	2.674

Only suitable for valve chamber versions (CV)

NOVAIR

SUBMERSIBLE AERATOR



Submersible aerator designed for aerating sewage in small sewage treatment plants. It can also be used to oxygenate garden ponds and fishponds. Thanks to its design, the Novair ensures optimal oxygenation of treatment plants by creating a large, dense cloud of fine bubbles. The fluid-dynamic study focused mainly on the impeller's vane profiles so that it would not damage the microorganisms in the liquid at start-up. Due to its installation in a vertical position, the aerator body is fitted with a base. From a technical point of view, motor cooling is ensured by large contact surfaces between the motor casing and the liquid. In addition to being resin-coated to ensure operation even in the presence of moisture and possible seepage, the power cable wiring has been improved to make maintenance and cable replacement as easy as possible. The steel motor shaft with ceramic bushing in the seal ring area ensures high wear resistance and extended product life. Technopolymer pump body, wiring cover and impeller. Complete with seal and 90° elbow with union for vertical inlet.

Pumped liquid Sewage from septic tanks without solids and fibres, and clear water.

Liquid temperature range 0°C to 35°C for domestic use as per EN 60335-2-41.

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA														MAX air flow m³/h	Depth		DNM GAS	CABLE	WEIGHT kg	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOMINAL		In A	Q air m³/h L/min	1	2	3	4	6	8	10	12	14	17.5	MAX cm	MIN cm								
					kW	HP			16.6	33.3	50	66.6	100	133.3	166.6	200	233.3	291.6										
NOVAIR 200 M-NA	60168124H	284	1X220-240 V~	0.28	0.18	0.24	1.4	Depth (cm)	80	60	45	30	20	-	-	-	-	-	8	80	20	1"	2m	3.5	32			
NOVAIR 200 M-NA	60169563H	298	1X220-240 V~	0.28	0.18	0.24	1.4		80	60	45	30	20	-	-	-	-	-	8	80	20	1"	5m	3.5	32			
NOVAIR 200 M-NA	60172219H	317	1X220-240 V~	0.28	0.18	0.24	1.4		80	60	45	30	20	-	-	-	-	-	8	80	20	1"	10m	3.5	32			
NOVAIR 600 M-NA	60171450H	453	1X220-240 V~	0.63	0.40	0.54	3		90	85	75	65	57	50	42.5	34	27	20	17.5	90	20	1¼"	2m	5.4	32			
NOVAIR 600 M-NA	60170247H	468	1X220-240 V~	0.63	0.40	0.54	3		90	85	75	65	57	50	42.5	34	27	20	17.5	90	20	1¼"	5m	5.4	32			
NOVAIR 600 M-NA	60170078H	491	1X220-240 V~	0.63	0.40	0.54	3		90	85	75	65	57	50	42.5	34	27	20	17.5	90	20	1¼"	10m	5.4	32			

NGPANEL

ELECTRONIC PROTECTION AND CONTROL PANELS



Electrical control panel for the protection and automatic operation of one or two submersible pumps, both single-phase and three-phase, in residential, commercial and livestock installations. Thanks to the possibility of current adjustment, the panel is compatible with all pump models supplied with current between 1 and 29 A as shown in the product compatibility table.

A wizard on the display or other connected devices enables pump start-up in just a few steps.

All configuration, control and alarm display is also done directly on a smartphone via the app, or on a web portal from a PC, via H₂D App and web portal platform digital services.

Built-in Bluetooth and Wi-Fi connectivity. Modbus support.

In the absence of a Wi-Fi connection, a USB Wi-Fi modem can be used, powering it directly from the dedicated USB port inside the panel.

Single-phase power supply 1 x 230 V

Three-phase power supply
3x400 V 50 Hz

Protection degree IP55

Maximum ambient temperature
-10 °C + 50 °C

Starting capacitor
supplied as accessory KIT

Communication protocols

RS485 MODBUS RTU

Built-in connectivity

WIFI - BLUETOOTH

ngpanel



REMOTE MONITORING
Via web portal and
H₂D App



H2D
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MODEL	CODE	PRICE €	POWER SUPPLY 50/60 Hz	START-UP	MAXIMUM CURRENT SINGLE PUMP A
NGPANEL 1 PUMP 29 A	60212822	890	1 x 230 V 3 x 400 V	DIRECT	29 12
NGPANEL 2 PUMPS 20 A	60212821	1.154	1 x 230 V 3 x 400 V	DIRECT	20 12
NGPANEL 2 PUMPS 12 A	60211088	1.137	1 x 230 V 3 x 400 V	DIRECT	12 12

DAB SMART SYSTEM

NgPanel used in conjunction with **DAB Virtual Cockpit** and **H₂D**, it takes user experience to the next level, providing pump control from any location, optimising the relevant procedure, which becomes extremely simple, intuitive and effective: this means fast setup, direct status monitoring, and immediate alarm warnings on screen.

Connected to the internet, **NgPanel** harnesses all its potential for increasingly flexible, smarter system control.



H₂D allows you to access the integrated experience of DAB smart systems, giving you the ability to connect your devices and use many of the main digital functionalities for free.





EMPTYING / FILLING FUNCTION

Ideal for controlling fill/empty pumping stations for the drainage of both rainwater and sewage.

- Operation with bulb or standard floats, max 5 (2/3 operation, 2 alarm)
- Operation with depth sensor (0-10V / 4...20mA)
- Pumps starting order changed at every start-up, every 24 h or at preset intervals

GROUPING: AP

ACCESSORIES

	DESCRIPTION	CODE	PRICE €
	FLOAT - 5 METRES	159260030	42
	FLOAT - 10 METRES	159260040	73
	FLOAT - 15 METRES	159260050	104
	FLOAT - 20 METRES	159260070	135
	BULB-FLOAT - 10 METRES	002718000	168
	BULB-FLOAT - 20 METRES	002718001	238
	PRESSURE TRANSDUCER 0-5 M - 20 M. EBOX CABLE	60114675	377

	DESCRIPTION	CODE	PRICE €
	ORANGE FLASHING LIGHT 230V With 5W incandescent bulb.	60169271	149
	AUDIBLE ALARM - 230 V - 50 HZ	002789002	192
	AUDIBLE ALARM - 24 V - 50 HZ	002789000	128

EBOX

ELECTRONIC PROTECTION AND CONTROL PANELS



EBox Plus is an electronic control panel for the protection and automatic operation of one or two submersible or pressurization electric pumps, both single-phase and three-phase, in domestic, civil and industrial installations.

Thanks to the possibility of current adjustment, the **EBox** panel is compatible with all pump models supplied with current between 1 and 12 A and power up to 5.5 kW as shown in the product compatibility table.

EBox Basic is an electronic control panel for the protection and automatic operation of one or two submersible single-phase electric pumps for domestic installations.

The **EBox** panel is compatible with all pump models with current between 1 and 12 A and power up to 2.2 kW as shown in the product compatibility table.

Nominal supply voltage

EBox Plus 1x 230 V / 3 x 230 V - 3 x 400 V (automatic selection).

EBox Basic 1x 230 V.

Frequency 50 - 60 Hz.

Maximum operating power

EBox Plus 5.5 kWatt +5.5 kWatt.

EBox Basic 2.2 kWatt +2.2 kWatt.

Maximum operating current 12 A +12 A.

Starting capacitor supplied as accessory KIT.

Maximum ambient temperature + 40°C.

Protection degree IP55.

ebox



ONLINE
TRAINING

ACCESSORIES
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MODEL	CODE	PRICE €	POWER SUPPLY 50 HZ	START-UP	MAXIMUM CURRENT SINGLE PUMP A
EBOX BASIC 230/50-60	60163214	690	1X230V	DIRECT	12+12
EBOX PLUS 230-400V/50-60	60163215	860	1X230V 3X230V 3X400V	DIRECT	12+12

GROUPING: AP

ACCESSORIES

	DESCRIPTION	CODE	PRICE €
	FLOAT - 5 METRES	159260030	42
	FLOAT - 10 METRES	159260040	73
	FLOAT - 15 METRES	159260050	104
	FLOAT - 20 METRES	159260070	135
	BULB-FLOAT - 10 METRES	002718000	168
	BULB-FLOAT - 20 METRES	002718001	238

	DESCRIPTION	CODE	PRICE €
	CAPACITOR KIT 40UF (EBOX)	60169268	106
	CAPACITOR KIT 30UF (EBOX)	60169269	74
	CAPACITOR KIT 20UF (EBOX)	60169270	69
	ORANGE FLASHING LIGHT 230V With 5W incandescent bulb.	60169271	149

SAFE ALERT

CONTROL UNIT



Alarm and signalling device to be associated with automatic drainage and wastewater pumps, for use in residential drainage systems. Equipped with a buzzer and provision for connection of an overflow float, which can be purchased as an accessory. Maintenance-free. Fitted with lights indicating the operating and alarm status and a mute button. Equipped with a dry contact for alarm remote monitoring.

Single-phase power supply

230 V 50 Hz / 60 Hz

Protection degree IP 65

Operating temperature 50 °C

ACCESSORIES
PAGE 325

MODEL	CODE	PRICE €	POWER SUPPLY 50 Hz
SAFE ALERT	60220236	146	1 X 230V

GROUPING: AP

ACCESSORIES

	DESCRIPTION	CODE	PRICE €
	FLOAT - 5 METRES	159260030	42
	FLOAT - 10 METRES	159260040	73

ED - E2D - E3D

ELECTROMECHANICAL PROTECTION AND CONTROL PANELS



Supplied on a self-extinguishing thermoplastic box with brackets for wall mounting. The panel is self-protected and protects the electric pump from overloads, short circuits and manual reset. Can handle an overheat protection signal if the pump is equipped with one.

Complete with:

- Power line disconnect device with padlockable locking handle
- Self-protected transformer for external control power supply
- Terminals for connecting the electric pump and control floats/pressure switches
- Potential-free terminals for alarm control and remote installation of an audible/visual alarm
- Front panel selector switch for Manual 0 Automatic operation
- Amperometric protection signals
- Pump running signal
- Live voltage signal

Three-phase power supply

50 Hz, 400 V

Protection degree IP55

Maximum ambient temperature 40 °C

SELECTION
TABLE
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ED

MODEL	CODE	PRICE €	POWER SUPPLY 50 Hz	START-UP	MAX CURRENT	MAX NUMBER OF PUMPS
ED8T	60170055	885	3X400 V	DIRECT	14A	1
ED7,5TSD	108320840	1.365	3X400 V	START/DELTA	14 A	1
ED11TSD	60202686	1.435	3X400 V	START/DELTA	18 A	1
ED15TSD	60170075	1.452	3X400 V	START/DELTA	23 A	1
E2D15T	60170046	1.494	3X400 V	DIRECT	14 A	2
E2D15TSD	60170047	2.689	3X400 V	START/DELTA	14 A	2
E2D22TSD	60202365	2.750	3X400 V	START/DELTA	18 A	2
E2D30TSD	60170065	2.778	3X400 V	START/DELTA	23 A	2
E3D22,5T	60170070	3.283	3X400 V	DIRECT	14 A	3
E3D22,5TSD	60170051	4.308	3X400 V	START/DELTA	14 A	3
E3D33T SD	60202687	5.483	3X400 V	START/DELTA	18 A	3
E3D45T SD	60170072	5.450	3X400 V	START/DELTA	23 A	3

GROUPING: AP

ACCESSORIES

	OIL CHAMBER WATER DETECTION MODULE	60172920	176

SELECTION TABLES

PUMPS SELECTION TABLE - PANELS (NOVA - FEKA - DRENAG - FEKA VS)

	PUMP MODEL	POWER SUPPLY		E. BOX BASIC	E. BOX PLUS	NGPANEL	
			CODE	60163214	60163215	60212822	60211088
			NUMBER OF PUMPS	2	2	1	2
NOVA RANGE	NOVA 180 40TH	1x230 V, 50 Hz		•	•	•	•
	NOVA 200 40TH	1x230 V, 50 Hz		•	•	•	•
	NOVA 600 40TH	1x230 V, 50 Hz		•	•	•	•
	NOVA UP 300	1x230 V, 50 Hz		•	•	•	•
	NOVA UP 600	1x230 V, 50 Hz		•	•	•	•
	NOVA 600 40TH	3x400 V, 50 Hz			•	•	•
FEKA RANGE	FEKA 300 40TH	1x230 V, 50 Hz		•	•	•	•
	FEKA 600 40TH	1x230 V, 50 Hz		•	•	•	•
	FEKA 600 40TH	3x400 V, 50 Hz			•	•	•
DRENAG RANGE	DRENAG 1000	1x230 V, 50 Hz		•	•	•	•
	DRENAG 1200	1x230 V, 50 Hz		•	•	•	•
	DRENAG 1000	3x400 V, 50 Hz			•	•	•
	DRENAG 1200	3x400 V, 50 Hz			•	•	•
FEKA VS RANGE	FEKA VS 550	1x230 V, 50 Hz		•	•	•	•
	FEKA VS 750	1x230 V, 50 Hz		•	•	•	•
	FEKA VS 900	1x230 V, 50 Hz		•	•	•	•
	FEKA VS 1100	1x230 V, 50 Hz		•	•	•	•
	FEKA VS GRINDER 1000	1x230 V, 50 Hz		•	•	•	•
	FEKA VS 550	3x400 V, 50 Hz			•	•	•
	FEKA VS 750	3x400 V, 50 Hz			•	•	•
	FEKA VS 900	3x400 V, 50 Hz			•	•	•
	FEKA VS 1100	3x400 V, 50 Hz			•	•	•
	FEKA VS GRINDER 1000	3x400 V, 50 Hz			•	•	•

SELECTION TABLES

PUMPS SELECTION TABLE - PANELS (FEKA VS - FX - FK)

	PUMP MODEL	POWER SUPPLY		E.BOX BASIC	E.BOX PLUS	NGPANEL		
			CODE	60163214	60163215	60212822	60211088	60212821
			NUMBER OF PUMPS CONTROLLABLE	2	2	1	2	2
FEKA VS RANGE	FEKA VS 550	1x230 V, 50 Hz		•	•	•	•	•
	FEKA VS 750	1x230 V, 50 Hz		•	•	•	•	•
	FEKA VS 900	1x230 V, 50 Hz		•	•	•	•	•
	FEKA VS 1100	1x230 V, 50 Hz		•	•	•	•	•
	FEKA VS GRINDER 1000	1x230 V, 50 Hz		•	•	•	•	•
	FEKA VS 550	3x400 V, 50 Hz			•	•	•	•
	FEKA VS 750	3x400 V, 50 Hz			•	•	•	•
	FEKA VS 900	3x400 V, 50 Hz			•	•	•	•
	FEKA VS 1100	3x400 V, 50 Hz			•	•	•	•
	FEKA VS GRINDER 1000	3x400 V, 50 Hz			•	•	•	•
FX RANGE	GRINDER FX 15.07	1x230 V, 50 Hz		•	•	•	•	•
	GRINDER FX 15.11	1x230 V, 50 Hz		•	•	•	•	•
	GRINDER FX 15.15	1x230 V, 50 Hz		•	•	•	•	•
	DRENAG FX 15.07	1x230 V, 50 Hz		•	•	•	•	•
	DRENAG FX 15.11	1x230 V, 50 Hz		•	•	•	•	•
	DRENAG FX 15.15	1x230 V, 50 Hz		•	•	•	•	•
	FXV 20.07	1x230 V, 50 Hz		•	•	•	•	•
	FXV 20.11	1x230 V, 50 Hz		•	•	•	•	•
	FXV 20.15	1x230 V, 50 Hz		•	•	•	•	•
	FXC 20.15	1x230 V, 50 Hz		•	•	•	•	•
	FXV 25.15	1x230 V, 50 Hz		•	•	•	•	•
	FXC 25.15	1x230 V, 50 Hz		•	•	•	•	•
	GRINDER FX 15.07	3x400 V, 50 Hz			•	•	•	•
	GRINDER FX 15.11	3x400 V, 50 Hz			•	•	•	•
	GRINDER FX 15.15	3x400 V, 50 Hz			•	•	•	•
	GRINDER FX 15.22	3x400 V, 50 Hz			•	•	•	•
	DRENAG FX 15.07	3x400 V, 50 Hz			•	•	•	•
	DRENAG FX 15.11	3x400 V, 50 Hz			•	•	•	•
	DRENAG FX 15.15	3x400 V, 50 Hz			•	•	•	•
	DRENAG FX 15.22	3x400 V, 50 Hz			•	•	•	•
	FXV 20.07	3x400 V, 50 Hz			•	•	•	•
	FXV 20.11	3x400 V, 50 Hz			•	•	•	•
	FXV 20.15	3x400 V, 50 Hz			•	•	•	•
	FXV 20.22	3x400 V, 50 Hz			•	•	•	•
	FXC 20.15	3x400 V, 50 Hz			•	•	•	•
	FXC 20.22	3x400 V, 50 Hz			•	•	•	•
	FXV 25.15	3x400 V, 50 Hz			•	•	•	•
	FXV 25.22	3x400 V, 50 Hz			•	•	•	•
	FXV 25.30	3x400 V, 50 Hz			•	•	•	•
	FXC 25.15	3x400 V, 50 Hz			•	•	•	•
	FXC 25.22	3x400 V, 50 Hz			•	•	•	•
	FXS 25.30	3x400 V, 50 Hz			•	•	•	•
	FXS 30.30	3x400 V, 50 Hz			•	•	•	•
FK RANGE	FKV 100 40.4 T5	3x400V, 50 Hz DOL			•	•	•	•
	FKC 100 40.4 T5	3x400V, 50 Hz DOL			•	•	•	•
	FKC 150 40.4 T5	3x400V, 50 Hz DOL			•	•	•	•

SELECTION TABLES

PUMPS SELECTION TABLE - PANELS (FK)

PUMP MODEL	POWER SUPPLY	ED direct starting	ED Y/D starter			Number of pumps controllable
		60170055, ED8T	108320840, ED7, 5T SD	60202686, ED11T SD	60170075, ED15T SD	1
		60170046, E2D15T	60170047, E2D15T SD	60202365, E2D22T SD	60170065, E2D30T SD	2
		60170070, E3D22,5T	60170051, E3D 22,5T SD	60202687, E3D33T SD	60170072, E3D45T SD	3
FKV 80 60.2 T5	3x400V, 50 Hz Y/D		•			
FKV 80 75.2 T5	3x400V, 50 Hz Y/D		•			
FKV 80 92.2 T5	3x400V, 50 Hz Y/D			•		
FKV 80 110.2 T5	3x400V, 50 Hz Y/D				•	
FKV 100 40.4 T5	3x400V, 50 Hz DOL	•				
FKV 100 55.4 T5	3x400V, 50 Hz Y/D		•			
FKV 100 75.4 T5	3x400V, 50 Hz Y/D			•		
FKC 80 55.4 T5	3x400V, 50 Hz Y/D		•			
FKC 80 75.4 T5	3x400V, 50 Hz Y/D			•		
FKC 100 40.4 T5	3x400V, 50 Hz DOL	•				
FKC 100 55.4 T5	3x400V, 50 Hz Y/D		•			
FKC 100 75.4 T5	3x400V, 50 Hz Y/D			•		
FKC 150 40.4 T5	3x400V, 50 Hz DOL	•				
FKC 150 55.4 T5	3x400V, 50 Hz Y/D		•			
FKC 150 75.4 T5	3x400V, 50 Hz Y/D			•		

PUMPS SELECTION TABLE - CISTERNS (FEKABOX)

	PUMP MODEL	FEKABOX 110	FEKABOX 200	FEKABOX 200 FX
NOVA / FEKA RANGE	NOVA 180 40TH	•		
	NOVA 300 40TH	•		
	NOVA 600 40TH	•		
	FEKA 300 40TH	•		
	FEKA 600 40TH	•		
FEKA VS RANGE	FEKA VS 550	•	•	
	FEKA VS 750	•	•	
	FEKA VS 900		•	
	FEKA VS 1100		•	
	FEKA VS GRINDER 1000			•
FX RANGE	GRINDER FX 15.07			•
	GRINDER FX 15.11			•
	GRINDER FX 15.15			•
	DRENAG FX 15.07			•
	DRENAG FX 15.11			•
	DRENAG FX 15.15			•
	FXV 20.07			•
	FXV 20.11			•
	FXV 20.15			•
	FXC 20.15			•

Please note that FEKABOX cisterns require the use of automatic pumps
Pump models not shown in the table are not compatible

SELECTION TABLES

PUMPS SELECTION TABLE - CISTERNS (FEKAFOS)

	PUMP MODEL	FEKAFOS 280 2"	FEKAFOS 280 2" DOUBLE	FEKAFOS 550 DOUBLE
FEKA VS RANGE	FEKA VS 550	•	•	•
	FEKA VS 750	•	•	•
	FEKA VS 900	•	•	•
	FEKA VS 1100	•	•	•
	FEKA VS GRINDER 1000	•	•	•
FX RANGE	GRINDER FX 15.07	•	•	•
	GRINDER FX 15.11	•	•	•
	GRINDER FX 15.15	•	•	•
	GRINDER FX 15.22	•	•	•
	DRENAG FX 15.07	•	•	•
	DRENAG FX 15.11	•	•	•
	DRENAG FX 15.15	•	•	•
	DRENAG FX 15.22	•	•	•
	FXV 20.07	•	•	•
	FXV 20.11	•	•	•
	FXV 20.15	•	•	•
	FXV 20.22	•	•	•
	FXC 20.15	•	•	•
	FXC 20.22	•	•	•

Please note that FEKAFOS cisterns require the use of non-automatic pumps
Pump models not shown in the table are not compatible

SELECTION TABLES

PUMPS SELECTION TABLE - CISTERNS (FEKAFOS MAXI)

	PUMP MODEL	FEKAFOS MAXI DN50	FEKAFOS MAXI DN65	FEKAFOS MAXI DN80
		FEKAFOS 1200 MAXI - DN50 FEKAFOS 1700 MAXI - DN50 FEKAFOS 2200 MAXI - DN50 FEKAFOS 3600 MAXI - DN50	FEKAFOS 1200 MAXI - DN65 FEKAFOS 1700 MAXI - DN65 FEKAFOS 2200 MAXI - DN65 FEKAFOS 3600 MAXI - DN65	FEKAFOS 1200 MAXI - DN80 FEKAFOS 1700 MAXI - DN80 FEKAFOS 2200 MAXI - DN80 FEKAFOS 3600 MAXI - DN80
FEKA VS RANGE	FEKA VS 550	•		
	FEKA VS 750	•		
	FEKA VS 900	•		
	FEKA VS 1100	•		
	FEKA VS GRINDER 1000	The accessory 60196199 is required for compatibility		
FX RANGE	GRINDER FX 15.07	The accessory 60196199 is required for compatibility		
	GRINDER FX 15.11	The accessory 60196199 is required for compatibility		
	GRINDER FX 15.15	The accessory 60196199 is required for compatibility		
	GRINDER FX 15.22	The accessory 60196199 is required for compatibility		
	DRENAG FX 15.07	The accessory 60196199 is required for compatibility		
	DRENAG FX 15.11	The accessory 60196199 is required for compatibility		
	DRENAG FX 15.15	The accessory 60196199 is required for compatibility		
	DRENAG FX 15.22	The accessory 60196199 is required for compatibility		
	FXV 20.07	The accessory 60196199 is required for compatibility		
	FXV 20.11	The accessory 60196199 is required for compatibility		
	FXV 20.15	The accessory 60196199 is required for compatibility		
	FXV 20.22	The accessory 60196199 is required for compatibility		
	FXC 20.15	The accessory 60196199 is required for compatibility		
	FXC 20.22	The accessory 60196199 is required for compatibility		
	FXV 25.15		•	
	FXV 25.22		•	
	FXV 25.30		•	
	FXC 25.15		•	
	FXC 25.22		•	
	FXS 25.30		•	
	FXS 30.30			•
FK RANGE	FKV 80 60.2 T5			•
	FKV 80 75.2 T5			•
	FKV 80 92.2 T5			•
	FKV 80 110.2 T5			•
	FKC 80 55.4 T5			Contact the Dproject team for compatibility
	FKC 80 75.4 T5			Contact the Dproject team for compatibility

Please note that FEKAFOS MAXI cisterns require the use of non-automatic pumps
Pump models not shown in the table are not compatible

ACCESSORIES

DRAINAGE AND SEWAGE

INSTALLATION ACCESSORIES

	DESCRIPTION	CODE	PRICE €	Standalone installation	Installation with lifting device
	LIFTING DEVICE FOR THREADED PUMPS 2" GAS - HORIZONTAL	109530080	238		•
	LIFTING DEVICE FOR FLANGED PUMPS DN50 - HORIZONTAL	60195865	280		•
	LIFTING DEVICE FOR FLANGED PUMPS DN65 - HORIZONTAL	60170310	280		•
	LIFTING DEVICE FOR FLANGED PUMPS DN80 - HORIZONTAL	60220454	280		•
	LIFTING DEVICE FOR FLANGED PUMPS DN65 - VERTICAL	60167993	624		•
	LIFTING DEVICE FOR FLANGED PUMPS DN80 - VERTICAL	60167994	711		•
	LIFTING DEVICE FOR FLANGED PUMPS DN100 - VERTICAL	60169609	1.134		•
	LIFTING DEVICE FOR FLANGED PUMPS DN150 - VERTICAL	60169610	1.731		•
	CHAIN KIT WITH SHACKLE IN STAINLESS STEEL 3M - 150KG	60171183	140	•	•
	CHAIN KIT WITH SHACKLE IN STAINLESS STEEL 3M - 350 KG	60178908	225	•	•
	CHAIN KIT WITH SHACKLE IN STAINLESS STEEL 3M - 700 KG	60171189	449	•	•
	FX ADAPTER - GRINDER BASE ELBOW - FEKA DN32 DN40 DN 50	60196199	165		•
	FX ADAPTER - COUPLING DEVICE FLYGT DN 50	60196203	165		•
	ADAPTER COUPLING DEVICE FLYGT DN 65	60169712	345		•
	ADAPTER COUPLING DEVICE FLYGT DN 80	60169713	213		•
	ADAPTER COUPLING DEVICE FLYGT DN 100	60169715	259		•
	ADAPTER COUPLING DEVICE FLYGT DN 150	60169717	611		•
	SUPPORT BASE FOR FK - D325	60170329	200	•	
	SUPPORT BASE Ø330 FK	60170330	193	•	
	SUPPORT BASE Ø355 FK	60170331	200	•	
	SUPPORT BASE Ø400 FK	60184584	451	•	
	90° ELBOW KIT - DN32/DN40 - 1 1/2"	60195857	197	•	
	90° ELBOW KIT - DN50 - 2"	60195856	199	•	
	90° ELBOW KIT - DN65 - 2 1/2"	60211555	211	•	
	90° ELBOW KIT - DN65 - 3"	60203622	299	•	

INSTALLATION KIT

	DESCRIPTION	CODE	PRICE €
	REFLOW PREVENTION KIT - DELIVERY 1 ¼"	60220271	252
	REFLOW PREVENTION KIT - DELIVERY 2"	538860000	411

HYDRAULIC ACCESSORIES

	DESCRIPTION	CODE	PRICE €
	NON-RETURN BALL VALVE PN10 PVC 1 ¼" THREADED	002130285	168
	NON-RETURN BALL VALVE PN10 PVC 1 ½" THREADED	002130286	197
	NON-RETURN BALL VALVE PN10 PVC 2" THREADED	002130287	228
	NON-RETURN BALL VALVE 1 ½" THREADED	60160626	112
	NON-RETURN BALL VALVE 2" THREADED	60160627	155
	NON-RETURN BALL VALVE 2 ½" THREADED	60160628	249
	NON-RETURN BALL VALVE DN 50	60160629	168
	NON-RETURN BALL VALVE DN 65	60160630	210
	NON-RETURN BALL VALVE DN 80	60160631	252
	NON-RETURN BALL VALVE DN 100	60160632	350
	GATE VALVE FLAT BODY DN 50	60163811	249
	GATE VALVE FLAT BODY DN 65	60163812	310
	GATE VALVE FLAT BODY DN 80	60163813	383
	GATE VALVE FLAT BODY DN 100	60163814	538

NOTES

CONTENTS - GROUNDWATER AND IRRIGATION



PULSAR

5" SUBMERSIBLE END SUCTION
MULTISTAGE ELECTRIC PUMPS

D3

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PULSAR DRY

5" SUBMERSIBLE END SUCTION
MULTISTAGE ELECTRIC PUMPS

D3

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MICRA HS

3" MULTISTAGE HIGH-SPEED
SUBMERSIBLE PUMP

F4

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MICRA

3" MULTISTAGE SUBMERSIBLE PUMP

D4

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S4 WITH WATER-FILLED MOTOR

4" SUBMERSIBLE PUMPS

FN - FP - FL

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S4 WITH OIL-FILLED MOTOR

4" SUBMERSIBLE PUMPS

FO - FQ - FL

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4GG

4" SUBMERSIBLE MOTORS

E1

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4GX

4" SUBMERSIBLE MOTORS

F1

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4TW

4" SUBMERSIBLE MOTORS

E2

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40L

4" SUBMERSIBLE MOTORS

E3

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SS 6

6" SUBMERSIBLE ELECTRIC PUMPS

DK

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SMC 6

6" SUBMERSIBLE ELECTRIC PUMPS

DK

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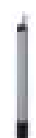


6GF, 6GX

6" SUBMERSIBLE MOTORS

E4 - F2

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6GF HEAVY DUTY

6" SUBMERSIBLE MOTORS

E4

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TR 6

6" SUBMERSIBLE MOTORS

CW

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SS 7

7" SUBMERSIBLE ELECTRIC PUMPS

EY

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SS 8

8" SUBMERSIBLE ELECTRIC PUMPS

DU

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SMC 8

8" SUBMERSIBLE ELECTRIC PUMPS

DU

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SMN 8

8" SUBMERSIBLE ELECTRIC PUMPS

DU

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TR 8

8" SUBMERSIBLE MOTORS

CX

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SS 10

10" SUBMERSIBLE ELECTRIC PUMPS

DW

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SMC 10

10" SUBMERSIBLE ELECTRIC PUMPS

DW

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SMN 10

10" SUBMERSIBLE ELECTRIC PUMPS

DW

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TR 10

10" SUBMERSIBLE MOTORS

CY

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SMC 12

12" SUBMERSIBLE ELECTRIC PUMPS

DY

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SMN 12

12" SUBMERSIBLE ELECTRIC PUMPS

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TR 12

12" SUBMERSIBLE MOTORS

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ACCESSORIES

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TECHNICAL APPENDIX

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PULSAR

5" SUBMERSIBLE END SUCTION MULTISTAGE ELECTRIC PUMPS



DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING



5" Submersible multi-impeller end suction pump designed for pressurization, gardening and irrigation, and groundwater in domestic and residential installations.

Designed to be submerged in pits and first storage tanks, cisterns or reservoirs.

Suction is through a filter at the bottom of the pump.

The motor is located above the hydraulics and is cooled by the pumped liquid.

Robust components allow the pump to run dry for brief periods.

Technopolymer impellers and diffusers.

Double mechanical seal in carbon ceramic on the motor side and silicon carbide/silicon carbide on the pump side with an oil chamber in between.

Power cable, thermo-ampereometric protection and starting capacitor included in the single-phase version, also available in a capacitor-free version to which a control panel supplied as an accessory must be combined.

In the three-phase version, protection is the responsibility of the user.

Operating range 0.9 To 7.2 m³/h with head up to 88 metres.

Maximum immersion depth 20 m.

Type of liquid pumped Clean, free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral

Maximum quantity of sand 50 g/m³

Liquid temperature 0°C to +40°C

Flanging or threading 1 1/4" GAS

Maximum pump diameter 138 mm

Impeller construction material
Technopolymer

Maximum number of starts per hour 20/h

Pump protection degree IP68

Thermal classification of motor insulation
F

Single-phase power supply 230 V 50 Hz

Three-phase power supply 3x230 V 50 Hz / 3x400 V 50 Hz

Power cable 15 m H07RN-F

Type of installation possible Fixed or portable, vertical and horizontal

Special versions available on request
Different voltages and frequencies, different cable lengths, different plugs

Certifications CB



MODEL	CODE	PRICE €	ELECTRICAL DATA					Q m³/h l/min	HYDRAULIC DATA								DNM GAS	WEIGHT KG
			POWER SUPPLY 50 Hz	P1 kW	P2		In A		0	1.2	2.4	3.6	4.8	6	7.2			
					kW	HP												
PULSAR 30/50 M-A	60210489	1.044	1x230V~	1	0.65	0.87	4.5	H (m)	44	42	37	29	18	-	-	1¼"G	17.3	
PULSAR 30/50 M-NA	60210490	992	1x230V~	1	0.65	0.87	4.5		44	42	37	29	18	-	-	1¼"G	16.7	
PULSAR 30/50 T-NA	60210491	907	3x230V~	1	0.64	0.86	3.4		44	42	37	29	18	-	-	1¼"G	17.3	
PULSAR 30/50 T-NA	60210492	907	3x400V~	1	0.64	0.86	2		44	42	37	29	18	-	-	1¼"G	17.3	
PULSAR 40/50 M-A	60210493	1.090	1x230V~	1.2	0.77	1	5.4		57	53	48	36	22	-	-	1¼"G	17.5	
PULSAR 40/50 M-NA	60210494	1.041	1x230V~	1.2	0.77	1	5.4		57	53	48	36	22	-	-	1¼"G	17	
PULSAR 40/50 T-NA	60210495	957	3x230V~	1.2	0.79	1.1	3.9		57	53	48	36	22	-	-	1¼"G	17.5	
PULSAR 40/50 T-NA	60210496	957	3x400V~	1.2	0.79	1.1	2.2		57	53	48	36	22	-	-	1¼"G	17.5	
PULSAR 50/50 M-A	60210497	1.248	1x230V~	1.6	1.13	1.5	7.35		72	68	60	46.5	31	-	-	1¼"G	18.5	
PULSAR 50/50 M-NA	60210498	1.198	1x230V~	1.6	1.13	1.5	7.35		72	68	60	46.5	31	-	-	1¼"G	18	
PULSAR 50/50 T-NA	60210499	1.112	3x230V~	1.5	1.12	1.5	4.85		72	68	60	46.5	31	-	-	1¼"G	18.5	
PULSAR 50/50 T-NA	60210500	1.112	3x400V~	1.5	1.12	1.5	2.8		72	68	60	46.5	31	-	-	1¼"G	18.5	
PULSAR 65/50 M-A	60210501	1.346	1x230V~	1.9	1.3	1.7	8.3		88	83	74	60	38.5	-	-	1¼"G	19.5	
PULSAR 65/50 M-NA	60210502	1.295	1x230V~	1.9	1.3	1.7	8.3		88	83	74	60	38.5	-	-	1¼"G	19	
PULSAR 65/50 T-NA	60210503	1.210	3x230V~	1.8	1.3	1.7	6.1		88	83	74	60	38.5	-	-	1¼"G	19.5	
PULSAR 65/50 T-NA	60210504	1.210	3x400V~	1.8	1.3	1.7	3.5		88	83	74	60	38.5	-	-	1¼"G	19.5	
PULSAR 30/80 M-A	60210505	1.084	1x230V~	1.2	0.78	1.1	5.5		49	46	43	37	31	22.5	12	1¼"G	17.5	
PULSAR 30/80 M-NA	60210506	1.034	1x230V~	1.2	0.78	1.1	5.5		49	46	43	37	31	22.5	12	1¼"G	17	
PULSAR 30/80 T-NA	60210507	947	3x230V~	1.2	0.78	1.1	4		49	46	43	37	31	22.5	12	1¼"G	17.5	
PULSAR 30/80 T-NA	60210508	947	3x400V~	1.2	0.78	1.1	2.3		49	46	43	37	31	22.5	12	1¼"G	17.5	
PULSAR 40/80 M-A	60210509	1.237	1x230V~	1.6	1.1	1.5	7.4		64	60	56	48	41	31	18	1¼"	18.5	
PULSAR 40/80 M-NA	60210510	1.190	1x230V~	1.6	1.1	1.5	7.4		64	60	56	48	41	31	18	1¼"	18	
PULSAR 40/80 T-NA	60210511	1.105	3x230V~	1.5	1.1	1.5	4.85		64	60	56	48	41	31	18	1¼"	18.5	
PULSAR 40/80 T-NA	60210512	1.105	3x400V~	1.5	1.1	1.5	2.8		64	60	56	48	41	31	18	1¼"	18.5	
PULSAR 50/80 M-A	60210513	1.336	1x230V~	1.9	1.3	1.7	8.3		75	71	66	60	50	37	20	1¼"	19.5	
PULSAR 50/80 M-NA	60210514	1.284	1x230V~	1.9	1.3	1.7	8.3		75	71	66	60	50	37	20	1¼"	19	
PULSAR 50/80 T-NA	60210515	1.199	3x230V~	1.8	1.3	1.7	5.9		75	71	66	60	50	37	20	1¼"	19.5	
PULSAR 50/80 T-NA	60210516	1.199	3x400V~	1.8	1.3	1.7	3.4		75	71	66	60	50	37	20	1¼"	19.5	

A = Automatic with float

NA = Non-automatic without float

PULSAR CB

5" SUBMERSIBLE END SUCTION MULTISTAGE ELECTRIC PUMPS



MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA								DNM GAS	WEIGHT KG
			POWER SUPPLY 50 Hz	P1 kW	P2		In A	Q m³/h l/min	0	1.2	2.4	3.6	4.8	6	7.2		
					kW	HP			0	20	40	60	80	100	120		
PULSAR CB 30/50 M-A	60210517	845	1x230V~	1	0.65	0.87	4.5	H(m)	44	42	37	29	18	-	-	1¼"G	17.3
PULSAR CB 30/50 M-NA	60210518	804	1x230V~	1	0.65	0.87	4.5		44	42	37	29	18	-	-	1¼"G	16.7
PULSAR CB 40/50 M-A	60210519	889	1x230V~	1.2	0.77	1	5.4		57	53	48	36	22	-	-	1¼"G	17.5
PULSAR CB 40/50 M-NA	60210520	848	1x230V~	1.2	0.77	1	5.4		57	53	48	36	22	-	-	1¼"G	17
PULSAR CB 50/50 M-A	60210521	1.028	1x230V~	1.6	1.13	1.5	7.35		72	68	60	46.5	31	-	-	1¼"G	18.5
PULSAR CB 50/50 M-NA	60210522	987	1x230V~	1.6	1.13	1.5	7.35		72	68	60	46.5	31	-	-	1¼"G	18
PULSAR CB 65/50 M-A	60210523	1.118	1x230V~	1.9	1.3	1.7	8.3		88	83	74	60	38.5	-	-	1¼"G	19.5
PULSAR CB 65/50 M-NA	60210524	1.073	1x230V~	1.9	1.3	1.7	8.3		88	83	74	60	38.5	-	-	1¼"G	19
PULSAR CB 30/80 M-A	60210525	889	1x230V~	1.2	0.78	1.1	5.5		49	46	43	37	31	22.5	12	1¼"G	17.5
PULSAR CB 30/80 M-NA	60210526	848	1x230V~	1.2	0.78	1.1	5.5		49	46	43	37	31	22.5	12	1¼"G	17
PULSAR CB 40/80 M-A	60210527	1.028	1x230V~	1.6	1.1	1.5	7.4		64	60	56	48	41	31	18	1¼"	18.5
PULSAR CB 40/80 M-NA	60210528	987	1x230V~	1.6	1.1	1.5	7.4		64	60	56	48	41	31	18	1¼"	18
PULSAR CB 50/80 M-A	60210529	1.118	1x230V~	1.9	1.3	1.7	8.3		75	71	66	60	50	37	20	1¼"	19.5
PULSAR CB 50/80 M-NA	60210530	1.073	1x230V~	1.9	1.3	1.7	8.3		75	71	66	60	50	37	20	1¼"	19

A = Automatic with float

NA = Non-automatic without float

CONTROL BOX PULSAR

Electrical control panel for operating Pulsar CB single-phase submersible electric pumps, containing manual reset thermal protection, capacitor and terminal board for electrical connections and possible pressure switch/float connection.

Includes 1.5 m cable. Wall-mounting box made of self-extinguishing thermoplastic material.

	SINGLE-PHASE PANEL MODEL	CODE	PUMP MODEL COUPLING	PRICE €	MOTOR POWER kW	AMPER. PROTECTION AMP	CAPACITOR µF	WEIGHT kg.
	CONTROL BOX PULSAR 0.9	60210296	PULSAR CB 30/50 M	116	0.65	6	20	1,7
	CONTROL BOX PULSAR 1	60210297	PULSAR CB 40/50 M	117	0.75	7	20	1,7
			PULSAR CB 30/80 M					
	CONTROL BOX PULSAR 1.5	60210298	PULSAR CB 50/50 M	118	1.1	9	25	1,7
			PULSAR CB 40/80 M					
	CONTROL BOX PULSAR 1.75	60210299	PULSAR CB 65/50 M	119	1.3	10	30	1,7
			PULSAR CB 50/80 M					

PULSAR DRY

5" SUBMERSIBLE END SUCTION MULTISTAGE ELECTRIC PUMPS



5-inch multi-impeller end suction pump for use also on the surface. Suction is through a watertight connector at the bottom of the pump.

Designed for pressurization, gardening and irrigation in domestic and residential installations.

Can draw water from first storage tanks, cisterns or reservoirs.

Also suitable for booster sets that can be installed in rooms without ventilation or subject to flooding.

The motor is located above the hydraulics and is cooled by the pumped liquid.

Robust components allow the pump to run dry for brief periods. Technopolymer impellers and diffusers.

Double mechanical seal in carbon ceramic on the motor side and silicon carbide/silicon carbide on the pump side with an oil chamber in between.

The standard single-phase version includes a 15-metre power cable with plug, thermo-amperometric protection and starting capacitor, also available in a capacitor-free version to which a control panel supplied as an accessory must be attached.

In the three-phase version, protection is the responsibility of the user.

Operating range 0.9 To 7.2 m³/h with head up to 88 metres.

Maximum immersion depth 20 m.

Type of liquid pumped Clean, free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Maximum quantity of sand 50 g/m³

Liquid temperature +0 °C to +40 °C

Flanging or threading 1 1/4" GAS

Maximum pump diameter 138 mm

Impeller construction material Technopolymer

Maximum number of starts per hour 20/h

Pump protection degree IP68

Thermal classification of motor insulation F

Single-phase power supply 230 V 50 Hz

Three-phase power supply 3x230 V 50 Hz / 3x400 V 50 Hz.

Power cable 15 m H07RN-F

Type of installation possible Fixed or portable in a vertical position.

Special versions available on request Different voltages and frequencies, different cable lengths, different plugs.



MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA								DNM GAS	DNA GAS	WEIGHT KG
			POWER SUPPLY 50 Hz	P1 kW	P2		In A	Q m ³ /h l/min	0	1.2	2.4	3.6	4.8	6	7.2			
					kW	HP			0	20	40	60	80	100	120			
PULSAR DRY 30/50 M-NA	60210531	1.147	1x230V~	1	0.65	0.87	4.5	H(m)	44	42	37	29	18	-	-	1 1/4"	1 1/4"	16.7
PULSAR DRY 30/50 T-NA	60210532	1.063	3x230V~	1	0.64	0.86	3.4		44	42	37	29	18	-	-	1 1/4"	1 1/4"	17.3
PULSAR DRY 30/50 T-NA	60210533	1.063	3x400V~	1	0.64	0.86	2		44	42	37	29	18	-	-	1 1/4"	1 1/4"	17.3
PULSAR DRY 40/50 M-NA	60210534	1.197	1x230V~	1.2	0.77	1	5.4		57	53	48	36	22	-	-	1 1/4"	1 1/4"	17.3
PULSAR DRY 40/50 T-NA	60210535	1.111	3x230V~	1.2	0.79	1.1	3.9		57	53	48	36	22	-	-	1 1/4"	1 1/4"	17
PULSAR DRY 40/50 T-NA	60210536	1.111	3x400V~	1.2	0.79	1.1	2.2		57	53	48	36	22	-	-	1 1/4"	1 1/4"	17
PULSAR DRY 50/50 M-NA	60210537	1.353	1x230V~	1.6	1.13	1.5	7.35		72	68	60	46.5	31	-	-	1 1/4"	1 1/4"	18
PULSAR DRY 50/50 T-NA	60210538	1.270	3x230V~	1.5	1.12	1.5	4.85		72	68	60	46.5	31	-	-	1 1/4"	1 1/4"	18.5
PULSAR DRY 50/50 T-NA	60210539	1.270	3x400V~	1.5	1.12	1.5	2.8		72	68	60	46.5	31	-	-	1 1/4"	1 1/4"	18.5
PULSAR DRY 65/50 M-NA	60210540	1.452	1x230V~	1.9	1.3	1.7	8.3		88	83	74	60	38.5	-	-	1 1/4"	1 1/4"	19
PULSAR DRY 65/50 T-NA	60210541	1.365	3x230V~	1.8	1.3	1.7	6.1		88	83	74	60	38.5	-	-	1 1/4"	1 1/4"	19.5
PULSAR DRY 65/50 T-NA	60210542	1.365	3x400V~	1.8	1.3	1.7	3.5		88	83	74	60	38.5	-	-	1 1/4"	1 1/4"	19.5
PULSAR DRY 30/80 M-NA	60210543	1.190	1x230V~	1.2	0.78	1.05	5.5		49	46	43	37	31	22.5	12	1 1/4"	1 1/4"	17
PULSAR DRY 30/80 T-NA	60210544	1.105	3x230V~	1.2	0.78	1.1	4		49	46	43	37	31	22.5	12	1 1/4"	1 1/4"	17.5
PULSAR DRY 30/80 T-NA	60210545	1.105	3x400V~	1.2	0.78	1.1	2.3		49	46	43	37	31	22.5	12	1 1/4"	1 1/4"	17.5
PULSAR DRY 40/80 M-NA	60210546	1.348	1x230V~	1.6	1.1	1.5	7.4		64	60	56	48	41	31	18	1 1/4"	1 1/4"	18
PULSAR DRY 40/80 T-NA	60210547	1.265	3x230V~	1.5	1.1	1.5	4.85		64	60	56	48	41	31	18	1 1/4"	1 1/4"	18.5
PULSAR DRY 40/80 T-NA	60210548	1.265	3x400V~	1.5	1.1	1.5	2.8		64	60	56	48	41	31	18	1 1/4"	1 1/4"	18.5
PULSAR DRY 50/80 M-NA	60210549	1.441	1x230V~	1.9	1.3	1.7	8.3		75	71	66	60	50	37	20	1 1/4"	1 1/4"	19
PULSAR DRY 50/80 T-NA	60210550	1.354	3x230V~	1.8	1.3	1.7	5.9		75	71	66	60	50	37	20	1 1/4"	1 1/4"	19.5
PULSAR DRY 50/80 T-NA	60210551	1.354	3x400V~	1.8	1.3	1.7	3.4		75	71	66	60	50	37	20	1 1/4"	1 1/4"	18.5

A = Automatic with float

NA = Non-automatic without float

PULSAR DRY CB

5" SUBMERSIBLE END SUCTION MULTISTAGE ELECTRIC PUMPS



MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA								DNM GAS	DNA GAS	WEIGHT KG
			POWER SUPPLY 50 Hz	P1 kW	P2		In A	Q m³/h l/min	0	1.2	2.4	3.6	4.8	6	7.2			
					kW	HP			0	20	40	60	80	100	120			
PULSAR DRY CB 30/50 MNA	60210552	1.108	1x230V~	1	0.65	0.87	4.5	H (m)	44	42	37	29	18	-	-	1 1/4"	1 1/4"	16.7
PULSAR DRY CB 40/50 MNA	60210553	1.167	1x230V~	1.2	0.78	1.05	5.4		57	53	48	36	22	-	-	1 1/4"	1 1/4"	17.3
PULSAR DRY CB 50/50 M-NA	60210554	1.254	1x230V~	1.6	1.1	1.5	7.35		72	68	60	46.5	31	-	-	1 1/4"	1 1/4"	18
PULSAR DRY CB 65/50 M-NA	60210555	1.320	1x230V~	1.9	1.3	1.7	8.3		88	83	74	60	38.5	-	-	1 1/4"	1 1/4"	19
PULSAR DRY CB 30/80 M-NA	60210556	1.125	1x230V~	0.78	1.05	5.5	5.5		49	46	43	37	31	22.5	12	1 1/4"	1 1/4"	17
PULSAR DRY CB 40/80 M-NA	60210557	1.233	1x230V~	1.1	1.5	7.4	7.4		64	60	56	48	41	31	18	1 1/4"	1 1/4"	18
PULSAR DRY CB 50/80 M-NA	60210558	1.327	1x230V~	1.3	1.7	8.3	8.3		75	71	66	60	50	37	20	1 1/4"	1 1/4"	19

A = Automatic with float

NA = Non-automatic without float

CONTROL BOX PULSAR DRY

Electrical control panel for operating Pulsar Dry CB single-phase submersible electric pumps, containing manual reset thermal protection, capacitor and terminal board for electrical connections and possible pressure switch/float connection. Includes 1.5 m cable. Wall-mounting box made of self-extinguishing thermoplastic material.

	SINGLE-PHASE PANEL MODEL	CODE	PUMP MODEL COUPLING	PRICE €	MOTOR POWER kW	AMPER. PROTECTION AMP	CAPACITOR μF	WEIGHT kg.
	CONTROL BOX PULSAR 0.9	60210296	PULSAR DRY CB 30/50M	116	0.65	6	20	1,7
	CONTROL BOX PULSAR 1	60210297	PULSAR DRY CB 40/50 M PULSAR DRY CB 30/80 M	117	0.75	7	20	1,7
	CONTROL BOX PULSAR 1.5	60210298	PULSAR DRY CB 50/50 M PULSAR DRY CB 40/80 M	118	1.1	9	25	1,7
	CONTROL BOX PULSAR 1.75	60210299	PULSAR DRY CB 65/50 M PULSAR DRY CB 50/80 M	119	1.3	10	30	1,7

MICRA HS

3" MULTISTAGE HIGH-SPEED SUBMERSIBLE PUMP



Designed for lifting and distribution in domestic and industrial water systems, autoclave and cistern feeding, pressurization and irrigation systems.

Pump and motor are directly connected via a rigid coupling.

Technopolymer impellers and self-lubricating polyacetal polymer diffusers.

Pump liner, shaft, coupling, filter and cable cover in stainless steel. Brass suction support and delivery head with built-in non-return valve.

Two-pole asynchronous submersible electric motor, made entirely of stainless steel with brass supports.

Copper squirrel-cage rotor mounted on Kingsbury thrust bearing unit.

Stator immersed in insulating thermosetting resin with high thermal dissipation capacity and encapsulated in a hermetically sealed stainless steel casing.

MICRA HS is supplied with ACTIVE DRIVER 2.2 already pre-configured for operation at a frequency of 130Hz.

Line supply tolerance 230V +10% / -20% single-phase.

Rotation speed 7600 rpm (130Hz).

Electric pump voltage 230 V three-phase.

Operating range 1 to 5 m³/h with head up to 150 metres.

Pumped liquid Clean, free of solids or abrasive substances, non-viscous, non-aggressive, chemically neutral close to the characteristics of water.

Maximum quantity of sand 50 g/m³

Liquid temperature range +0 °C to +35 °C.

Installation in pits with a diameter ≥ 3", tanks and cisterns in a vertical position. If installed horizontally, a minimum load on the thrust bearing unit must be ensured.

Power cable removable 1.4m or 60m long (30m, 60m, 90m shielded cables also available as accessories).

The packaging contains the electric pump with standard power cable and Active Driver.



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ACCESSORIES
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MODEL	1.4 METRE CABLE		60 METRE CABLE		ELECTRICAL DATA		Q m³/h	HYDRAULIC DATA (n = 6300 1/min)										DNM GAS
	CODE	PRICE €	CODE	PRICE €	POWER SUPPLY 50 Hz	P1 MAX kW		0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	
							l/min	8	17	25	33	42	50	58	67	75	84	
MICRA HS 2/5	60180974	2.689	60192436	3.330	1x230 V ~	1.1	H (m)	80	68	55	40	24	-	-	-	-	-	1"
MICRA HS 2/7	60180975	2.872	60192437	3.512	1x230 V ~	1.4		105	90	73	55	32	-	-	-	-	-	1"
MICRA HS 2/9	60180976	3.056	60192438	3.697	1x230 V ~	1.7		128	108	87	62	38	-	-	-	-	-	1"
MICRA HS 2/11	60180977	3.241	60192439	3.881	1x230 V ~	2		150	130	102	75	45	-	-	-	-	-	1"
MICRA HS 3/2	60180978	2.545	60192440	3.185	1x230 V ~	1		-	-	40	37	33	29	24	20	-	-	1"
MICRA HS 3/3	60180979	2.724	60192441	3.364	1x230 V ~	1.3		-	-	52	48	43	38	34	28	-	-	1"
MICRA HS 3/4	60180980	2.780	60192442	3.423	1x230 V ~	1.6		-	-	65	61	56	50	44	36	-	-	1"
MICRA HS 3/5	60180981	2.828	60192443	3.469	1x230 V ~	1.9		-	-	78	74	68	61	54	45	-	-	1"
MICRA HS 4/3	60180982	2.802	60192444	3.441	1x230 V ~	1.6		-	-	-	-	50	46	42	39	35	29	1"
MICRA HS 4/4	60180983	2.861	60192445	3.502	1x230 V ~	1.9		-	-	-	-	63	59	55	49	43	34	1"

MICRA

3" MULTISTAGE SUBMERSIBLE PUMP



BOOSTER

CB⁽¹⁾

3" Multistage pump directly connected to the motor via a rigid coupling.

Noryl impellers and spacers, self-lubricating polyacetyl diffusers. Pump liner, shaft with coupling, filter and cable cover in stainless steel.

Brass base support and upper head. Non-return valve built into the head.

Two-pole asynchronous 3" submersible electric motor, made entirely of AISI 304 stainless steel with brass supports.

Stator immersed in insulating thermosetting resin with high thermal dissipation capacity and encapsulated in a hermetically sealed stainless steel casing.

Thermal protector with automatic reset included in the motor.

CB control panel on request for single-phase version (to be ordered separately).

Pumped liquid Clean, free of solids or abrasive substances, chemically neutral and close to the characteristics of water.

Liquid temperature range 0 °C to +35 °C.

Maximum permitted quantity of sand 40 g/m³.

Motor protection degree IP68

Insulation class F.

Starts per hour max 20.

Power cable

MICRA 50 - 1 m.

MICRA 75 - 1.2 m.

MICRA 100 - 1.4 m.

Ready-to-install kit available comprising single-phase electric pump with 15 m cable and BOOSTER control panel with double capacitor.

(1) Mandatory for single-phase versions

ACCESSORIES
PAGE 379

MODEL	CODE	PRICE €	ELECTRICAL DATA					DNM GAS	WEIGHT KG	HYDRAULIC DATA (n ≈ 2800 1/min)										
			POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A			Q m³/h l/min	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	
					kW	HP														
MICRA 50 M	0090114	1.182	1x230 V ~	0.65	0.37	0.5	3.3	1"	9	H (m)	45	41	38	35	31	27	21	14	6	
MICRA 75 M	0090418	1.245	1x230 V ~	0.95	0.55	0.75	5.1	1"	10.2		68	64	59	54	48	42	33	23	11	
MICRA 75 T	0090618	1.245	3x400 V ~	0.9	0.55	0.75	1.9	1"	10.2		68	64	59	54	48	42	33	23	11	
MICRA 100 M	0090817	1.429	1x230 V ~	1.2	0.75	1	6.1	1"	13.6		90	84	78	72	65	56	44	30	14	
MICRA 100 T	0090944	1.429	3x400 V ~	1.15	0.75	1	2.4	1"	13.6		90	84	78	72	65	56	44	30	14	
MICRA 50 M + 15 M CABLE + CONTROL BOX (CBS 05)*	0090116	1.358	1x230 V ~	0.65	0.37	0.5	3.3	1"	12.7		45	41	38	35	31	27	21	14	6	
MICRA 75 M + 15 M CABLE + CONTROL BOX (CBS 06)*	0090419	1.422	1x230 V ~	0.95	0.55	0.75	5.1	1"	14.1		68	64	59	54	48	42	33	23	11	
MICRA 100 M + 15 M CABLE + CONTROL BOX (CBS 07)*	0090818	1.611	1x230 V ~	1.2	0.75	1	6.1	1"	16.4		90	84	78	72	65	56	44	30	14	

* double capacitor BOOSTER panel to optimise pump starting torque.

S4 WITH WATER-FILLED MOTOR

4" SUBMERSIBLE PUMPS



The S4 are 4" multi-impeller submersible pumps for clean water, designed for pressurization, gardening and irrigation, groundwater in domestic and residential, civil and commercial installations and agricultural irrigation systems.

Available in versions: hydraulic part only, pump body coupled to a two-pole water-filled or oil-filled DAB motor (with different supply voltages) and in a ready-to-use kit that includes pump body and single-phase motor, electrical control panel, electric cable of different lengths and safety cord.

Hydraulics and motor in AISI 304 stainless steel, parts in contact with water in technopolymer. Technopolymer impellers and diffusers. Built-in non-return valve and suction filter. Single-phase version with manually reset thermo-amperometric protection and capacitor in the electrical control panel to be ordered separately (except for kit version). In the three-phase version, protection is the responsibility of the user.

Water-filled motor, stator immersed in insulating thermo-setting resin with high thermal dissipation capacity and encapsulated in a hermetically sealed stainless steel casing.

ACS (hydraulics), WRAS and DM174 certified.

Flow rate up to 21.6 m³/h.

Maximum head 427 m.

Type of liquid pumped Clean, free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Maximum pump diameter 99 mm.

Maximum quantity of sand 150 g/m³.

Impeller construction material
Technopolymer.

Liquid temperature range

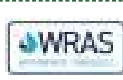
0 °C to +40 °C.

Maximum immersion depth

4GG: 300 m.

Motor protection degree IP68.

Motor insulation class F.



DM 174

SAND RESISTANT

MODEL	P2 NOMINAL		DNM	POWER SUPPLY 1x230 ~ V										POWER SUPPLY 3x400 ~ V				POWER SUPPLY 3x230 ~ V			
	KW	HP		ELECTRIC PUMP CODE	PRICE* €	In A	WT. (Kg)	CONTROL BOX CODE	PRICE € CONTROL BOX	KIT COMPLETE WITH: pump, 4GG motor, cable extension, control box and cord				ELECTRIC PUMP CODE	PRICE €	In A	WT. (Kg)	ELECTRIC PUMP CODE	PRICE €	In A	WT. (Kg)
										KIT CODE	PRICE €	LENGTH CABLE	WT. (Kg)								
S41/13	0.37	0.5	1" ¼	60190949	836	3.3	10.6	108003210	105	60191458	965	15	14.7	60191135	821	1.6	9.9	60190986	821	2.7	9.9
S41/19	0.55	0.75	1" ¼	60190950	921	4.6	13.3	108003220	116	60191459	1.161	30	19.8	60191136	906	1.9	11.6	60190987	906	3.3	11.6
S41/26	0.75	1	1" ¼	60190951	1.092	6.2	15.2	108003270	116	60191460	1.337	30	21.7	60191137	1.066	2.4	14.2	60190988	1.066	4.1	14.2
S41/37	1.1	1.5	1" ¼	60190952	1.360	8.6	19.1	108003280	135	60191461	1.773	40	27.8	60191138	1.336	3.2	16.9	60190989	1.336	5.5	16.9
S41/48	1.5	2	1" ¼	60190953	1.685	11	22.7	108003290	135	60191462**	2.101	40	31.4	60191139	1.604	4.4	20.5	60190990	1.604	7.6	20.5
S42/7	0.37	0.5	1" ¼	60190954	770	3.3	9.9	108003210	105	60191463	896	15	14	60191141	751	1.6	9.2	60190991	770	2.7	9.2
S42/10	0.55	0.75	1" ¼	60190955	820	4.6	12.1	108003220	116	60191464	957	15	16.2	60191142	804	1.9	10.4	60190992	804	3.3	10.4
S42/14	0.75	1	1" ¼	60190956	906	6.2	13.6	108003270	116	60191465	1.139	30	20.1	60191143	882	2.4	12.6	60190993	882	4.1	12.6
S42/20	1.1	1.5	1" ¼	60190957	1.060	8.6	16.7	108003280	135	60191466	1.464	40	25.4	60191144	1.031	3.2	14.5	60190994	1.031	5.5	14.5
S42/28	1.5	2	1" ¼	60190958	1.363	11	20.6	108003290	135	60191467	1.776	40	29.3	60191145	1.283	4.4	18.4	60190995	1.283	7.6	18.4
S42/40	2.2	3	1" ¼	60190959	1.766	15	24	108003300	181	60191468**	2.235	40	32.7	60191146	1.649	5.9	23.3	60190996	1.649	10.2	23.3
S42/52	3	4	1" ¼	-	-	-	-	-	-	-	-	-	-	60191147	2.301	8.3	31.9	60190997	2.301	14.3	31.9
S43/6	0.37	0.5	1" ¼	60190960	783	3.3	10.1	108003210	105	60191469	911	15	14.2	60191148	767	1.6	9.4	60190998	767	2.7	9.4
S43/9	0.55	0.75	1" ¼	60190961	827	4.6	12.3	108003220	116	60191470	965	15	16.4	60191149	814	1.9	10.6	60190999	814	3.3	10.6
S43/13	0.75	1	1" ¼	60190962	908	6.2	13.8	108003270	116	60191471	1.140	30	20.3	60191150	883	2.4	12.8	60191000	883	4.1	12.8
S43/19	1.1	1.5	1" ¼	60190963	1.025	8.6	17.3	108003280	135	60191472	1.430	40	26	60191151	1.001	3.2	15.1	60191004	1.001	5.5	15.1
S43/25	1.5	2	1" ¼	60190964	1.243	11	20.2	108003290	135	60191473	1.654	40	28.9	60191152	1.162	4.4	18	60191005	1.162	7.6	18
S43/32	2.2	3	1" ¼	60192298	1.515	15	22.4	108003300	181	60192306**	1.984	40	31.1	60192302	1.394	5.9	19.5	60192299	1.394	10.2	19.5
S43/39	2.2	3	1" ¼	60190965	1.607	15	24.5	108003300	181	60191474**	2.076	40	33.2	60191153	1.491	5.9	23.8	60191006	1.491	10.2	23.8
S43/45	3	4	1" ¼	-	-	-	-	-	-	-	-	-	-	60192303	1.957	8.3	31.6	60192300	1.957	14.3	31.6
S43/51	3	4	1" ¼	-	-	-	-	-	-	-	-	-	-	60191154	2.101	8.3	32.9	60191007	2.101	14.3	32.9
S43/67	4	5.5	1" ¼	-	-	-	-	-	-	-	-	-	-	60191155	2.608	10	63	60191008	2.608	17.3	63

** In the kit version, the motor and pump are supplied unassembled in the same package

* The price does not include the control box

S4 WITH WATER-FILLED MOTOR

4" SUBMERSIBLE PUMPS



MODEL	P2 NOMINAL		DNM	POWER SUPPLY 1x230 ~ V										POWER SUPPLY 3x400 ~ V				POWER SUPPLY 3x230 ~ V			
	KW	HP		ELECTRIC PUMP CODE	PRICE* €	InA	WT. (Kg)	CONTROL BOX CODE	PRICE € CONTROL BOX	KIT COMPLETE WITH: pump, 4GG motor, cable extension, control box and cord				ELECTRIC PUMP CODE	PRICE €	InA	WT. (Kg)	ELECTRIC PUMP CODE	PRICE €	InA	WT. (Kg)
										KIT CODE	PRICE €	LENGTH CABLE	WT. (Kg)								
S44/4	0.37	0.5	1"¼	60190966	786	3.3	9.6	108003210	105	60191475	915	15	13.7	60191156	771	1.6	8.9	60191009	771	2.7	8.9
S44/7	0.55	0.75	1"¼	60190967	835	4.6	11.8	108003220	116	60191476	974	15	15.9	60191157	822	1.9	10.1	60191010	822	3.3	10.1
S44/9	0.75	1	1"¼	60190968	917	6.2	13.2	108003270	116	60191477	1.054	15	17.3	60191158	890	2.4	12.2	60191011	890	4.1	12.2
S44/14	1.1	1.5	1"¼	60190969	1.019	8.6	16.3	108003280	135	60191478	1.276	30	22.8	60191159	992	3.2	14.1	60191012	992	5.5	14.1
S44/19	1.5	2	1"¼	60190970	1.201	11	19.8	108003290	135	60191479	1.606	40	28.5	60191160	1.121	4.4	17.6	60191013	1.121	7.6	17.6
S44/27	2.2	3	1"¼	60190971	1.561	15	22.3	108003300	181	60191480	2.023	40	31	60191161	1.444	5.9	21.6	60191014	1.444	10.2	21.6
S44/35	3	4	1"¼	-	-	-	-	-	-	-	-	-	-	60191162	1.883	8.3	29.7	60191015	1.883	14.3	29.7
S44/48	4	5.5	1"¼	-	-	-	-	-	-	-	-	-	-	60191163	2.226	10	35.6	60191016	2.226	17.3	35.6
S44/62	5.5	7.5	1"¼	-	-	-	-	-	-	-	-	-	-	60191164	2.992	14	41.5	60191017	2.992	24.2	41.5
S46/5	0.55	0.75	1"¼	60190972	846	4.6	11.8	108003220	116	60191481	983	15	15.9	60191165	833	1.9	10.1	60191018	833	3.3	10.1
S46/7	0.75	1	1"¼	60190973	917	6.2	13.2	108003270	116	60191482	1.054	15	17.3	60191166	890	2.4	12.2	60191021	890	4.1	12.2
S46/10	1.1	1.5	1"¼	60190974	1.049	8.6	16.1	108003280	135	60191483	1.201	15	20.2	60191167	1.020	3.2	13.9	60191022	1.020	5.5	13.9
S46/14	1.5	2	1"¼	60190975	1.284	11	19.1	108003290	135	60191484	1.542	30	25.6	60191168	1.203	4.4	16.9	60191023	1.203	7.6	16.9
S46/21	2.2	3	1"¼	60190976	1.599	15	22.5	108003300	181	60191485**	1.911	30	29	60191169	1.479	5.9	21.8	60191024	1.479	10.2	21.8
S46/29	3	4	1"¼	-	-	-	-	-	-	-	-	-	-	60191170	1.988	8.3	30.4	60191025	1.988	14.3	30.4
S46/38	4	5.5	1"¼	-	-	-	-	-	-	-	-	-	-	60191172	2.315	10	36.1	60191026	2.315	17.3	36.1
S46/52	5.5	7.5	1"¼	-	-	-	-	-	-	-	-	-	-	60191173	2.718	14	66.6	60191027	2.718	24.2	66.6
S46/61	7.5	10	1"¼	-	-	-	-	-	-	-	-	-	-	60192304	3.241	17.4	75	60192301	3.241	30.1	75
S48/5	0.75	1	2"	60190977	934	6.2	13.4	108003270	116	60191486	1.071	15	17.5	60191174	911	2.4	12.4	60191028	911	4.1	12.4
S48/7	1.1	1.5	2"	60190978	1.019	8.6	16.3	108003280	135	60191487	1.174	15	20.4	60191175	992	3.2	14.1	60191029	992	5.5	14.1
S48/9	1.5	2	2"	60190979	1.235	11	19.1	108003290	135	60191488	1.388	15	23.2	60191176	1.154	4.4	16.9	60191030	1.154	7.6	16.9
S48/15	2.2	3	2"	60190980	1.500	15	21.9	108003300	181	60191489**	1.808	30	28.4	60191177	1.380	5.9	21.2	60191041	1.380	10.2	21.2
S48/21	3	4	2"	-	-	-	-	-	-	-	-	-	-	60191178	1.855	8.3	29.5	60191042	1.855	14.3	29.5
S48/27	4	5.5	2"	-	-	-	-	-	-	-	-	-	-	60191179	2.154	10	36.2	60191043	2.154	17.3	36.2
S48/35	5.5	7.5	2"	-	-	-	-	-	-	-	-	-	-	60192320	2.480	14	41.8	60192336	2.480	24.2	41.8
S48/38	5.5	7.5	2"	-	-	-	-	-	-	-	-	-	-	60191180	2.613	14	66.6	60191044	2.613	24.2	66.6
S48/47	7.5	10	2"	-	-	-	-	-	-	-	-	-	-	60192321	3.190	17.4	74.8	60192319	3.190	30.1	74.8
S48/50	7.5	10	2"	-	-	-	-	-	-	-	-	-	-	60191181	3.337	17.4	78.2	60191045	3.337	30.1	78.2
S412/6	1.1	1.5	2"	60190981	1.060	8.6	16.3	108003280	135	60191490	1.221	15	20.4	60191185	1.031	3.2	14.1	60191046	1.031	5.5	14.1
S412/9	1.5	2	2"	60190982	1.215	11	19.8	108003290	135	60191491	1.379	15	23.9	60191186	1.136	4.4	17.6	60191047	1.136	7.6	17.6
S412/13	2.2	3	2"	60190983	1.451	15	21.7	108003300	181	60191492**	1.663	15	25.8	60191187	1.334	5.9	21	60191048	1.334	10.2	21
S412/18	3	4	2"	-	-	-	-	-	-	-	-	-	-	60191188	1.855	8.3	31	60191049	1.855	14.3	31
S412/24	4	5.5	2"	-	-	-	-	-	-	-	-	-	-	60191189	2.160	10	35.9	60191050	2.160	17.3	35.9
S412/34	5.5	7.5	2"	-	-	-	-	-	-	-	-	-	-	60191190	2.631	14	67.9	60191051	2.631	24.2	67.9
S412/44	7.5	10	2"	-	-	-	-	-	-	-	-	-	-	60191191	3.246	17.4	78.8	60191052	3.246	30.1	78.8
S416/8	1.5	2	2"	60190984	1.347	11	20	108003290	135	60191493	1.504	15	24.1	60191192	1.268	4.4	17.8	60191053	1.268	7.6	17.8
S416/12	2.2	3	2"	60190985	1.604	15	23.2	108003300	181	60191494**	1.809	15	27.3	60191193	1.484	5.9	22.5	60191054	1.484	10.2	22.5
S416/16	3	4	2"	-	-	-	-	-	-	-	-	-	-	60191194	1.936	8.3	32	60191055	1.936	14.3	32
S416/21	4	5.5	2"	-	-	-	-	-	-	-	-	-	-	60191195	2.189	10	38.5	60191056	2.189	17.3	38.5
S416/29	5.5	7.5	2"	-	-	-	-	-	-	-	-	-	-	60191196	2.687	14	71.1	60191057	2.687	24.2	71.1
S416/38	7.5	10	2"	-	-	-	-	-	-	-	-	-	-	60191197	3.224	17.4	85.8	60191058	3.224	30.1	85.8

** In the kit version, the motor and pump are supplied unassembled in the same package

* The price does not include the control box

S4 WITH OIL-FILLED MOTOR

4" SUBMERSIBLE PUMPS



The S4 are 4" multi-impeller submersible pumps for clean water, designed for pressurization, gardening and irrigation, groundwater in domestic and residential, civil and commercial installations and agricultural irrigation systems.

Available in versions: hydraulic part only, pump body coupled to a two-pole water-filled or oil-filled DAB motor (with different supply voltages) and in a ready-to-use kit that includes pump body and single-phase motor, electrical control panel, electric cable of different lengths and safety cord.

Hydraulics and motor in AISI 304 stainless steel, parts in contact with water in technopolymer.

Technopolymer impellers and diffusers. Built-in non-return valve and suction filter. Single-phase version with manually reset thermo-ampere protection and capacitor in the electrical control panel to be ordered separately (except for kit version). In the three-phase version, protection is the responsibility of the user.

Oil-filled motor, rewindable stator.

ACS (hydraulics), WRAS and DM174 certified.

Flow rate up to 21.6 m³/h.

Maximum head 427 m.

Type of liquid pumped Clean, free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Maximum pump diameter 99 mm.

Maximum quantity of sand 150 g/m³.

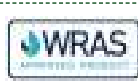
Impeller construction material Technopolymer.

Liquid temperature range +0 °C to +40 °C.

Maximum immersion depth 40L: 250 m.

Motor protection degree IP68.

Motor insulation class F.



DM 174

SAND
RESISTANT

MODEL	P2 NOMINAL		DNM	POWER SUPPLY 1x230 ~ V										POWER SUPPLY 3x400 ~ V				POWER SUPPLY 3x230 ~ V			
				ELECTRIC PUMP CODE	PRICE* €	In A	WT. (Kg)	CONTROL BOX CODE	PRICE € CONTROL BOX	KIT COMPLETE WITH: pump, 40L motor, cable extension, control box and cord				ELECTRIC PUMP CODE	PRICE €	In A	WT. (Kg)	ELECTRIC PUMP CODE	PRICE €	In A	WT. (Kg)
	kW	HP								KIT CODE	PRICE €	LENGTH CABLE	WT. (Kg)								
S41/13	0.37	0.5	1" ¼	60190751	676	3.5	10.2	108003210	105	60191402	803	15	14.3	60190851	661	1.2	10.2	60190788	661	2.1	10.2
S41/19	0.55	0.75	1" ¼	60190752	753	4.5	12.1	108003220	116	60191403	990	30	18.6	60190852	730	2.2	11.2	60190789	730	3.8	11.2
S41/26	0.75	1	1" ¼	60190753	899	6.3	14.3	108003270	116	60191404	1.146	30	20.8	60190853	873	2.6	13	60190790	873	4.5	13
S41/37	1.1	1.5	1" ¼	60190754	1.145	8.5	17	108003280	135	60191405	1.556	40	25.7	60190854	1.112	3.6	16	60190791	1.112	6.2	16
S41/48	1.5	2	1" ¼	60190755	1.408	10.8	20.4	108003290	135	60191406 **	1.827	40	29.1	60190855	1.349	4.6	18.4	60190792	1.349	7.9	18.4
S42/7	0.37	0.5	1" ¼	60190756	609	3.5	9.5	108003210	105	60191407	735	15	13.6	60190858	594	1.2	9.5	60190795	594	2.1	9.5
S42/10	0.55	0.75	1" ¼	60190757	651	4.5	10.9	108003220	116	60191408	789	15	15	60190859	628	2.2	10	60190796	628	3.8	10
S42/14	0.75	1	1" ¼	60190758	714	6.3	12.7	108003270	116	60191409	947	30	19.2	60190860	688	2.6	11.4	60190797	688	4.5	11.4
S42/20	1.1	1.5	1" ¼	60190759	843	8.5	14.6	108003280	135	60191410	1.247	40	23.3	60190861	810	3.6	13.6	60190798	810	6.2	13.6
S42/28	1.5	2	1" ¼	60190760	1.087	10.8	18.3	108003290	135	60191411	1.500	40	27	60190862	1.028	4.6	16.3	60190799	1.028	7.9	16.3
S42/40	2.2	3	1" ¼	60190761	1.391	15	23.8	108003300	181	60191412 **	1.882	40	32.5	60190863	1.354	6	22.7	60190800	1.354	10.4	22.7
S42/52	3	4	1" ¼	-	-	-	-	-	-	-	-	-	-	60190864	1.872	7.5	27.3	60190801	1.872	13	27.3
S43/6	0.37	0.5	1" ¼	60190762	621	3.5	9.7	108003210	105	60191413	750	15	13.8	60190865	609	1.2	9.7	60190802	609	2.1	9.7
S43/9	0.55	0.75	1" ¼	60190763	660	4.5	11.1	108003220	116	60191414	797	15	15.2	60190866	637	2.2	10.2	60190803	637	3.8	10.2
S43/13	0.75	1	1" ¼	60190764	716	6.3	12.9	108003270	116	60191415	949	30	19.4	60190867	690	2.6	11.6	60190804	690	4.5	11.6
S43/19	1.1	1.5	1" ¼	60190765	808	8.5	15.2	108003280	135	60191416	1.212	40	23.9	60190873	780	3.6	14.2	60190805	780	6.2	14.2
S43/25	1.5	2	1" ¼	60190766	965	10.8	17.9	108003290	135	60191417	1.377	40	26.6	60190874	908	4.6	15.9	60190806	908	7.9	15.9
S43/32	2.2	3	1" ¼	60192291	1.139	15	22.2	108003300	181	60192305 **	1.627	40	30.9	60192295	1.102	6	21.1	60192292	1.102	10.4	21.1
S43/39	2.2	3	1" ¼	60190767	1.234	15	24.3	108003300	181	60191418 **	1.723	40	33	60190875	1.196	6	23.2	60190807	1.196	10.4	23.2
S43/45	3	4	1" ¼	-	-	-	-	-	-	-	-	-	-	60192296	1.531	7.5	27	60192293	1.531	13	27
S43/51	3	4	1" ¼	-	-	-	-	-	-	-	-	-	-	60190876	1.677	7.5	28.3	60190808	1.677	13	28.3
S43/67	4	5.5	1" ¼	-	-	-	-	-	-	-	-	-	-	60190877	2.160	9.6	56.3	60190809	2.160	16.6	56.3

** In the kit version, the motor and pump are supplied unassembled in the same package

* The price does not include the control box

S4 WITH OIL-FILLED MOTOR

4" SUBMERSIBLE PUMPS



MODEL	P2 NOMINAL		DNM	POWER SUPPLY 1x230 ~ V										POWER SUPPLY 3x400 ~ V				POWER SUPPLY 3x230 ~ V			
	KW	HP		ELECTRIC PUMP CODE	PRICE* €	In A	WT. (Kg)	CONTROL BOX CODE	PRICE € CONTROL BOX	KIT COMPLETE WITH: pump, 4GG motor, cable extension, control box and cord				ELECTRIC PUMP CODE	PRICE €	In A	WT. (Kg)	ELECTRIC PUMP CODE	PRICE €	In A	WT. (Kg)
										KIT CODE	PRICE €	LENGTH CABLE	WT. (Kg)								
S44/4	0.37	0.5	1" ¼	60190768	624	3.5	9.2	108003210	105	60191419	753	15	13.3	60190878	612	1.2	9.2	60190810	612	2.1	9.2
S44/7	0.55	0.75	1" ¼	60190769	668	4.5	10.6	108003220	116	60191420	804	15	14.7	60190879	645	2.2	9.7	60190811	645	3.8	9.7
S44/9	0.75	1	1" ¼	60190770	723	6.3	12.3	108003270	116	60191421	861	15	16.4	60190880	697	2.6	11	60190812	697	4.5	11
S44/14	1.1	1.5	1" ¼	60190771	803	8.5	14.2	108003280	135	60191422	1.062	30	20.7	60190881	774	3.6	13.2	60190813	774	6.2	13.2
S44/19	1.5	2	1" ¼	60190772	925	10.8	17.5	108003290	135	60191423	1.331	40	26.2	60190882	869	4.6	15.5	60190814	869	7.9	15.5
S44/27	2.2	3	1" ¼	60190773	1.188	15	22.1	108003300	181	60191424	1.670	40	30.8	60190883	1.152	6	21	60190815	1.152	10.4	21
S44/35	3	4	1" ¼	-	-	-	-	-	-	-	-	-	-	60190884	1.454	7.5	25.1	60190816	1.454	13	25.1
S44/48	4	5.5	1" ¼	-	-	-	-	-	-	-	-	-	-	60190885	1.777	9.6	28.9	60190817	1.777	16.6	28.9
S44/62	5.5	7.5	1" ¼	-	-	-	-	-	-	-	-	-	-	60190886	2.453	13.1	38.3	60190818	2.453	22.6	38.3
S46/5	0.55	0.75	1" ¼	60190774	680	4.5	10.6	108003220	116	60191425	817	15	14.7	60190887	656	2.2	9.7	60190819	656	3.8	9.7
S46/7	0.75	1	1" ¼	60190775	723	6.3	12.3	108003270	116	60191426	861	15	16.4	60190896	697	2.6	11	60190820	697	4.5	11
S46/10	1.1	1.5	1" ¼	60190776	829	8.5	14	108003280	135	60191427	986	15	18.1	60190897	799	3.6	13	60190821	799	6.2	13
S46/14	1.5	2	1" ¼	60190777	1.006	10.8	16.8	108003290	135	60191428	1.267	30	23.3	60190898	950	4.6	14.8	60190822	950	7.9	14.8
S46/21	2.2	3	1" ¼	60190778	1.224	15	22.3	108003300	181	60191429**	1.557	30	28.8	60190899	1.188	6	21.2	60190823	1.188	10.4	21.2
S46/29	3	4	1" ¼	-	-	-	-	-	-	-	-	-	-	60190900	1.558	7.5	25.8	60190824	1.558	13	25.8
S46/38	4	5.5	1" ¼	-	-	-	-	-	-	-	-	-	-	60190901	1.866	9.6	29.4	60190826	1.866	16.6	29.4
S46/52	5.5	7.5	1" ¼	-	-	-	-	-	-	-	-	-	-	60190902	2.179	13.1	63.4	60190827	2.179	22.6	63.4
S46/61	7.5	10	1" ¼	-	-	-	-	-	-	-	-	-	-	60192297	2.485	16.9	72.1	60192294	2.485	29.2	72.1
S48/5	0.75	1	2"	60190779	744	6.3	12.5	108003270	116	60191430	881	15	16.6	60190903	716	2.6	11.2	60190828	716	4.5	11.2
S48/7	1.1	1.5	2"	60190780	803	8.5	14.2	108003280	135	60191431	961	15	18.3	60190904	774	3.6	13.2	60190829	774	6.2	13.2
S48/9	1.5	2	2"	60190781	958	10.8	16.8	108003290	135	60191432	1.111	15	20.9	60190905	899	4.6	14.8	60190830	899	7.9	14.8
S48/15	2.2	3	2"	60190782	1.123	15	21.7	108003300	181	60191433**	1.452	30	28.2	60190906	1.088	6	20.6	60190832	1.088	10.4	20.6
S48/21	3	4	2"	-	-	-	-	-	-	-	-	-	-	60190907	1.428	7.5	24.9	60190833	1.428	13	24.9
S48/27	4	5.5	2"	-	-	-	-	-	-	-	-	-	-	60190908	1.704	9.6	29.5	60190834	1.704	16.6	29.5
S48/35	5.5	7.5	2"	-	-	-	-	-	-	-	-	-	-	60192317	1.943	13.1	38.6	60192315	1.943	22.6	38.6
S48/38	5.5	7.5	2"	-	-	-	-	-	-	-	-	-	-	60190909	2.075	13.1	63.4	60190835	2.075	22.6	63.4
S48/47	7.5	10	2"	-	-	-	-	-	-	-	-	-	-	60192318	2.435	16.9	71.9	60192316	2.435	29.2	71.9
S48/50	7.5	10	2"	-	-	-	-	-	-	-	-	-	-	60190910	2.582	16.9	75.3	60190836	2.582	29.2	75.3
S412/6	1.1	1.5	2"	60190783	843	8.5	14.2	108003280	135	60191434	1.000	15	18.3	60190911	810	3.6	13.2	60190837	810	6.2	13.2
S412/9	1.5	2	2"	60190784	939	10.8	17.5	108003290	135	60191435	1.096	15	21.6	60190912	883	4.6	15.5	60190838	883	7.9	15.5
S412/13	2.2	3	2"	60190785	1.074	15	21.5	108003300	181	60191436**	1.299	15	25.6	60190913	1.038	6	20.4	60190839	1.038	10.4	20.4
S412/18	3	4	2"	-	-	-	-	-	-	-	-	-	-	60190914	1.428	7.5	26.4	60190840	1.428	13	26.4
S412/24	4	5.5	2"	-	-	-	-	-	-	-	-	-	-	60190915	1.709	9.6	29.2	60190841	1.709	16.6	29.2
S412/34	5.5	7.5	2"	-	-	-	-	-	-	-	-	-	-	60190916	2.092	13.1	64.7	60190842	2.092	22.6	64.7
S412/44	7.5	10	2"	-	-	-	-	-	-	-	-	-	-	60190917	2.490	16.9	75.9	60190843	2.490	29.2	75.9
S416/8	1.5	2	2"	60190786	1.069	10.8	17.7	108003290	135	60191437	1.227	15	21.8	60190918	1.014	4.6	15.7	60190844	1.014	7.9	15.7
S416/12	2.2	3	2"	60190787	1.230	15	23	108003300	181	60191438**	1.453	15	27.1	60190919	1.192	6	21.9	60190845	1.192	10.4	21.9
S416/16	3	4	2"	-	-	-	-	-	-	-	-	-	-	60190920	1.511	7.5	27.4	60190846	1.511	13	27.4
S416/21	4	5.5	2"	-	-	-	-	-	-	-	-	-	-	60190921	1.600	9.6	31.8	60190847	1.738	16.6	31.8
S416/29	5.5	7.5	2"	-	-	-	-	-	-	-	-	-	-	60190922	2.148	13.1	67.9	60190848	2.148	22.6	67.9
S416/38	7.5	10	2"	-	-	-	-	-	-	-	-	-	-	60190923	2.467	16.9	82.9	60190849	2.467	29.2	82.9

** In the kit version, the motor and pump are supplied unassembled in the same package

* The price does not include the control box

S4

4" SUBMERSIBLE PUMPS



HYDRAULICS ONLY

MODEL	CODE	PRICE €	ELECTRICAL DATA		HYDRAULIC DATA																					H mm	DNM	WEIGHT KG		
			P2 NOMINAL		Q=m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.4	3.0	4.2	5.4	6.0	7.2	8.4	9.6	10.8	12	14.4	16.8	19.2				21.6	
			KW	HP		Q=l/min	0	5	10	15	20	25	30	40	50	70	90	100	120	140	160	180	200	240	280				320	360
S41/13	60190691	288	0.37	0.5	H(m)	83	78	69	56	41	22																438	1"¼	3.7	
S41/19	60190692	352	0.55	0.75		121	111	101	82	70	45																	544	1"¼	4.7
S41/26	60190693	481	0.75	1		173	163	148	125	98	65																	667	1"¼	5.6
S41/37	60190694	694	1.1	1.5		236	222	196	175	130	80																	897	1"¼	7.3
S41/48	60190695	882	1.5	2		306	289	255	225	175	100																	1092	1"¼	8.7
S42/7	60190696	220	0.37	0.5		47		44	42	40	38	35	28	18														358	1"¼	3
S42/10	60190697	249	0.55	0.75		67		62	60	58	54	50	40	26														422	1"¼	3.5
S42/14	60190698	295	0.75	1		94		90	86	80	76	70	56	36														506	1"¼	4
S42/20	60190699	389	1.1	1.5		134		128	122	117	108	100	80	52														633	1"¼	4.9
S42/28	60190700	560	1.5	2		188		180	171	163	151	140	112	73														689	1"¼	6.6
S42/40	60190701	776	2.2	3		268		255	245	231	216	200	160	104														943	1"¼	9.3
S42/52	60190702	1.073	3	4		348		331	319	302	281	260	208	135														1159	1"¼	11.4
S43/6	60190703	234	0.37	0.5		33				32	31	30	26	23	13													378	1"¼	3.2
S43/9	60190704	259	0.55	0.75		50				47	45	44	40	34	20													461	1"¼	3.7
S43/13	60190705	298	0.75	1		72				68	66	64	57	50	29													572	1"¼	4.2
S43/19	60190706	356	1.1	1.5		105				100	98	93	86	72	42													739	1"¼	5.5
S43/25	60190707	438	1.5	2		138				130	127	122	110	95	55													784	1"¼	6.2
S43/32	60192288	521	2.2	3		176				168	162	157	141	120	70													987	1"¼	7.8
S43/39	60190708	615	2.2	3		215				204	198	191	172	147	86													1157	1"¼	9.8
S43/45	60192289	732	3	4		247				233	228	220	198	170	99													1301	1"¼	11.1
S43/51	60190709	879	3	4		280				267	260	250	224	193	112													1446	1"¼	12.4
S43/67	60190710	1.221	4	5.5		368				350	340	328	294	254	147													1827	1"¼	16.2
S44/4	60190711	238	0.37	0.5		28					25	24	22	17	11													313	1"¼	2.7
S44/7	60190712	267	0.55	0.75		48					44	41	38	30	19													388	1"¼	3.2
S44/9	60190713	307	0.75	1		62					56	53	49	39	25													440	1"¼	3.6
S44/14	60190714	352	1.1	1.5		96					87	82	76	61	39													567	1"¼	4.5
S44/19	60190715	397	1.5	2		131					118	112	103	82	53													694	1"¼	5.8
S44/27	60190716	570	2.2	3		186					168	159	147	117	75													807	1"¼	7.6
S44/35	60190717	656	3	4		241					218	206	191	152	97													981	1"¼	9.2
S44/48	60190718	837	4	5.5		331					299	283	261	208	133													1263	1"¼	11.8
S44/62	60190719	1.367	5.5	7.5		427					386	365	338	269	172													1567	1"¼	14.4
S46/5	60190720	278	0.55	0.75		30						28	26	24	21	19	15	10										374	1"¼	3.2
S46/7	60190721	307	0.75	1		42						38	37	33	29	27	21	14										440	1"¼	3.6
S46/10	60190722	378	1.1	1.5		60						55	52	47	42	38	30	20										539	1"¼	4.3
S46/14	60190723	480	1.5	2		84						78	75	66	59	53	42	28										672	1"¼	5.1
S46/21	60190724	607	2.2	3		126						116	110	99	88	80	63	42										872	1"¼	7.8
S46/29	60190725	758	3	4		174						160	152	137	122	110	87	58										1120	1"¼	9.9
S46/38	60190726	927	4	5.5		228						209	200	179	160	144	114	76										1399	1"¼	12.3
S46/52	60190727	1.093	5.5	7.5		312						285	274	244	218	198	156	104										1870	1"¼	16.5
S46/61	60192290	1.221	7.5	10		366						334	322	287	256	232	183	122										2148	1"¼	19.2
S48/5	60190728	327	0.75	1		30							30	28	27	26	24	21	16	11								450	2"	3.8
S48/7	60190729	352	1.1	1.5		42							41	39	38	37	34	29	23	16								541	2"	4.5
S48/9	60190730	431	1.5	2		54							52	50	49	48	44	37	29	20								631	2"	5.1
S48/15	60190731	508	2.2	3		90							86	83	81	79	73	62	48	33								940	2"	7.2
S48/21	60190732	628	3	4		130							125	120	117	112	103	86	68	47								1214	2"	9
S48/27	60190733	767	4	5.5		162							155	151	146	144	132	111	87	60								1257	2"	12.4
S48/35	60192313	853	5.5	7.5		210							202	195	192	187	171	144	113	78								1635	2"	14.7
S48/38	60190734	987	5.5	7.5		228							219	211	207	203	186	156	122	84								1762	2"	16.5
S48/50	60190735	1.316	7.5	10		298							288	278	273	267	244	206	161	111								2273	2"	21.4
S412/6	60190736	389	1.1	1.5		30											29	28	25	24	23	21	18	11				536	2"	4.5
S412/9	60190737	414	1.5	2		46											42	40	38	36	34	31	28	17				693	2"	5.8
S412/13	60190738	457	2.2	3		66											61	59	55	52	49	44	38	23				900	2"	7
S412/18	60190739	628	3	4		91											84	82	76	72	68	60	52	31				1167	2"	10.5
S412/24	60190740	771	4	5.5		122											112	110	101	96	91	81	70	46				1479	2"	12.1
S412/34	60190741	1.005	5.5	7.5		172											158	156	144	136	129	115	101	65				2035	2"	17.8
S412/44	60190742	1.225	7.5	10		215																								

4GG

4" SUBMERSIBLE MOTORS



Two-pole asynchronous 4" submersible electric motor, **made of AISI 304 stainless steel** for the parts in contact with water. Cooling and lubrication of the thrust bearing unit and bushings is provided by a **mixture of water and glycol**.

The rotor is mounted on a Kingsbury self-centring thrust bearing unit to support high axial loads.

The stator is immersed in insulating thermosetting resin with high thermal dissipation capacity and encapsulated in a hermetically sealed stainless steel casing.

The cable connector is removable for quick and easy maintenance. ACS, WRAS and KTW certified cable.

The motor is suitable for use with speed variator (30 Hz-50 Hz).

For the single-phase 50 Hz version, the capacitor and the manually reset amperometric protection are located in the electrical control panel, which can be supplied separately.

In the three-phase version, protection must be guaranteed by the user.

Flanging NEMA - 4".

Protection degree IP68.

Thermal class F.

Supply voltage

Single-phase 220-230 V / 50 Hz.

Three-phase 400 V / 50 Hz - 230 V / 50 Hz.

Power cable included

1.7 M length for motor power up to 2.2 kW included.

2.7 M length for motor power up to 3 kW included.

3.5 M length for motor power up to 7.5 kW.

On request Different cable lengths, different supply voltages, thermal protector.



ACCESSORIES
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MODEL	CODE	PRICE €	P2 (HP)	P2 kW	POWER SUPPLY 50 Hz	IN (A)	Is/In	Cs/Cn	P1 (W)	N (min ⁻¹)	Cos φ	η %	C (μF)	CABLE	
														Ø mm ²	LC (m)
4GG - 0,37 KW - 230 V - M	60122739	456	0.5	0.37	1x230 V ~	3.3	2.7	0.69	740	2820	0.97	50	16	4x1.5	1.7
4GG - 0,55 KW - 230 V - M	60122740	475	0.75	0.55	1x230 V ~	4.6	3.3	0.68	1000	2820	0.94	56	20	4x1.5	1.7
4GG - 0,75 KW - 230 V - M	60122741	516	1	0.75	1x230 V ~	6.2	3.2	0.66	1300	2820	0.92	58	25	4x1.5	1.7
4GG - 1,1 KW - 230 V - M	60122742	574	1.5	1.1	1x230 V ~	8.6	3.6	0.68	1820	2830	0.9	62	35	4x1.5	1.7
4GG - 1,5 KW - 230 V - M	60122743	707	2	1.5	1x230 V ~	11	3.7	0.62	2320	2830	0.91	65	40	4x1.5	1.7
4GG - 2,2 KW - 230 V - M	60122744	893	3	2.2	1x230 V ~	16	3.1	0.6	3460	2810	0.89	65	60	4x1.5	1.7
4GG - 3 KW - 230 V - M	60185921	1.622	4	3	1x230 V ~	23.5	3.6	0.51	4900	2830	0.9	62	90	4x2	2.7
4GG - 3,7 KW - 230 V - M	60122779	1.712	5	3.7	1x230 V ~	25	3.6	0.51	5500	2850	0.95	65	90	4x2	2.7
4GG - 4 KW - 230 V - M	60185385	1.766	5.5	4	1x230 V ~	27	3.6	0.51	6000	2840	0.96	67	90	4x2	2.7
4GG - 0,37 KW - 400 V - T	60122746	439	0.5	0.37	3x400 V ~	1.4	3.8	3	710	2820	0.66	53	-	4x1.5	1.7
4GG - 0,37 KW - 230 V - T	60122745	439	0.5	0.37	3x230 V ~	2.7	3.7	3	710	2820	0.66	53	-	4x1.5	1.7
4GG - 0,55 KW - 400 V - T	60122748	464	0.75	0.55	3x400 V ~	1.9	4.2	3.1	920	2830	0.72	60	-	4x1.5	1.7
4GG - 0,55 KW - 230 V - T	60122747	464	0.75	0.55	3x230 V ~	3.3	4.2	3.1	920	2830	0.72	60	-	4x1.5	1.7
4GG - 0,75 KW - 400 V - T	60122750	492	1	0.75	3x400 V ~	2.4	5	3.2	1190	2830	0.73	63	-	4x1.5	1.7
4GG - 0,75 KW - 230 V - T	60122749	492	1	0.75	3x230 V ~	4.1	5.1	3.2	1190	2830	0.72	63	-	4x1.5	1.7
4GG - 1,1 KW - 400 V - T	60122752	550	1.5	1.1	3x400 V ~	3.4	4.1	3.3	1720	2830	0.76	64	-	4x1.5	1.7
4GG - 1,1 KW - 230 V - T	60122751	550	1.5	1.1	3x230 V ~	5.7	4.2	3.3	1720	2830	0.72	64	-	4x1.5	1.7
4GG - 1,5 KW - 400 V - T	60122754	627	2	1.5	3x400 V ~	4.4	4.3	3.4	2200	2830	0.72	68	-	4x1.5	1.7
4GG - 1,5 KW - 230 V - T	60122753	627	2	1.5	3x230 V ~	7.6	4.3	3.4	2200	2830	0.72	68	-	4x1.5	1.7
4GG - 2,2 KW - 400 V - T	60122756	776	3	2.2	3x400 V ~	5.9	4.4	3.2	3170	2820	0.78	71	-	4x1.5	1.7
4GG - 2,2 KW - 230 V - T	60122755	776	3	2.2	3x230 V ~	10.2	4.4	3.2	3170	2820	0.78	71	-	4x1.5	1.7
4GG - 3,0 KW - 400 V - T	60122758	1.124	4	3	3x400 V ~	8.3	4.6	3.3	4050	2840	0.71	74	-	4x1.5	2.7
4GG - 3,0 KW - 230 V - T	60122757	1.124	4	3	3x230 V ~	14.3	4.6	3.3	4050	2840	0.71	74	-	4x1.5	2.7
4GG - 4,0 KW - 400 V - T	60122760	1.278	5.5	4	3x400 V ~	10	5.6	3.4	5340	2850	0.79	75	-	4x1.5	2.7
4GG - 4,0 KW - 230 V - T	60122759	1.278	5.5	4	3x230 V ~	17.3	5.6	3.4	5340	2850	0.79	75	-	4x2	2.7
4GG - 5,5 KW - 400 V - T	60122762	1.514	7.5	5.5	3x400 V ~	14	5.5	3.4	7110	2850	0.74	77	-	4x1.5	2.7
4GG - 5,5 KW - 230 V - T	60122761	1.514	7.5	5.5	3x230 V ~	24.2	5.5	3.4	7110	2850	0.74	77	-	4x2	2.7
4GG - 7,5 KW - 400 V - T	60122763	1.903	10	7.5	3x400 V ~	17.4	4.8	2.9	9520	2850	0.08	79	-	4x2	3.5
4GG - 7,5 KW - 230 V - T	60198796	1.903	10	7.5	3x230 V ~	17.4	4.8	2.9	9520	2850	0.8	79	-	4X2	3.5

4GX

4" SUBMERSIBLE MOTORS



Two-pole asynchronous 4" submersible electric motor, **made entirely of AISI 316 stainless steel**. Cooling and lubrication of the thrust bearing unit and bushings is provided by a **mixture of water and glycol**.

The rotor is mounted on a Kingsbury self-centring thrust bearing unit to support high axial loads.

The stator is immersed in insulating thermosetting resin with high thermal dissipation capacity and encapsulated in a hermetically sealed stainless steel casing.

The cable connector is removable for quick and easy maintenance. ACS, WRAS and KTW certified cable.

The motor is suitable for use with speed variator (30 Hz-50 Hz).

The capacitor and the manually reset amperometric protection are located in the electrical control panel, which can be supplied separately.

In the three-phase version, protection must be guaranteed by the user.

Flanging NEMA - 4".

Protection degree IP68.

Thermal class F.

Supply voltage

Single-phase 220-230 V / 50 Hz.

Three-phase 400 V / 50 Hz - 230 V / 50 Hz.

Power cable included

1.7 M length for motor power up to 2.2 kW included.

2.7 M length for motor power up to 3 kW included.

3.5 M length for motor power up to 7.5 kW.

On request Different cable lengths, different supply voltages, thermal protector.



AISI 316

MODEL	CODE	PRICE €	P2 (HP)	P2 kW	POWER SUPPLY 50 Hz	IN (A)	Is/In	Cs/Cn	P1 (W)	N (min ⁻¹)	Cos φ	η %	C (μF)	CABLE	
														Ø mm ²	LC (m)
4GX - 0,37 KW - 230 V - M	60141577	844	0.5	0.37	1x230 V ~	3.3	2.7	0.69	740	2820	0.97	50	16	4x1.5	1.7
4GX - 0,55 KW - 230 V - M	60141580	861	0.75	0.55	1x230 V ~	4.6	3.3	0.68	1000	2820	0.94	56	20	4x1.5	1.7
4GX - 0,75 KW - 230 V - M	60141584	899	1	0.75	1x230 V ~	6.2	3.2	0.66	1300	2820	0.92	58	25	4x1.5	1.7
4GX - 1,1 KW - 230 V - M	60141590	961	1.5	1.1	1x230 V ~	8.6	3.6	0.68	1820	2830	0.9	62	35	4x1.5	1.7
4GX - 1,5 KW - 230 V - M	60141593	1.089	2	1.5	1x230 V ~	11	3.7	0.62	2320	2830	0.91	65	40	4x1.5	1.7
4GX - 2,2 KW - 230 V - M	60141596	1.275	3	2.2	1x230 V ~	16	3.1	0.6	3460	2810	0.89	65	60	4x1.5	1.7
4GX - 0,55 KW - 400 V - T	60141581	798	0.75	0.55	3x400 V ~	1.9	4.2	3.1	920	2830	0.72	60	-	4x1.5	1.7
4GX - 0,55 KW - 230 V - T	60141582	798	0.75	0.55	3x230 V ~	3.3	4.2	3.1	920	2830	0.72	60	-	4x1.5	1.7
4GX - 0,75 KW - 400 V - T	60141586	829	1	0.75	3x400 V ~	2.4	5	3.2	1190	2830	0.73	63	-	4x1.5	1.7
4GX - 0,75 KW - 230 V - T	60141589	829	1	0.75	3x230 V ~	4.1	5.1	3.2	1190	2830	0.72	63	-	4x1.5	1.7
4GX - 1,1 KW - 400 V - T	60141591	884	1.5	1.1	3x400 V ~	3.4	4.1	3.3	1720	2830	0.76	64	-	4x1.5	1.7
4GX - 1,5 KW - 400 V - T	60141594	965	2	1.5	3x400 V ~	4.4	4.3	3.4	2200	2830	0.72	68	-	4x1.5	1.7
4GX - 2,2 KW - 400 V - T	60141597	1.114	3	2.2	3x400 V ~	5.9	4.4	3.2	3170	2820	0.78	71	-	4x1.5	1.7
4GX - 2,2 KW - 230 V - T	60141598	1.114	3	2.2	3x230 V ~	10.2	4.4	3.2	3170	2820	0.78	71	-	4x1.5	1.7
4GX - 3,0 KW - 400 V - T	60141607	1.456	4	3	3x400 V ~	8.3	4.6	3.3	4050	2840	0.71	74	-	4x1.5	2.7
4GX - 4,0 KW - 400 V - T	60141612	1.617	5.5	4	3x400 V ~	10	5.6	3.4	5340	2850	0.79	75	-	4x1.5	2.7
4GX - 5,5 KW - 400 V - T	60141614	1.853	7.5	5.5	3x400 V ~	14	5.5	3.4	7110	2850	0.74	77	-	4x1.5	2.7
4GX - 5,5 KW - 230 V - T	60141615	1.853	7.5	5.5	3x230 V ~	24.2	5.5	3.4	7110	2850	0.74	77	-	4x2	2.7
4GX - 7,5 KW - 400 V - T	60141616	2.235	10	7.5	3x400 V ~	17.4	4.8	2.9	9520	2850	0.8	79	-	4x2	3.5

4TW

4" SUBMERSIBLE MOTORS



4TW is a 4" submersible single-phase motor designed for pressurization, gardening and irrigation, groundwater in civil and commercial installations and for the use of water in irrigation systems, including in agriculture.

Motor in AISI 304 stainless steel for the parts in contact with water. Built-in resin-coated stator.

Cooling and lubrication through a mixture of water and glycol.

Combined with a pump body, it is capable of increasing water pressure, drawing it from pits, cisterns or tanks and allowing it to be used to irrigate medium to large gardens and allotments.

Built with **capacitor and built-in thermo-amperometric protection**, no external panel required.

Flanging NEMA 4".

Insulation class F.

Protection degree IP68.

Cooling flow speed min. 0.3 m/s 35 °C.

Line supply tolerance +6% / -10%.

Maximum number of starts per hour 20/h.

Maximum operating depth 300 m.

Type of installation possible Vertical or horizontal.

Horizontal operation 0.5 HP - 1.5 HP.

On request different cable lengths, different supply voltages.



ACCESSORIES
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MODEL	CODE	PRICE €	P2 (HP)	P2 kW	POWER SUPPLY 50 Hz	IN (A)	Is/In	Cs/Cn	P1 (W)	N (min ⁻¹)	Cos φ	η %	C (μF)	CABLE	
														Ø mm ²	LC (m)
4TW - 0,37 KW - 230 V - M	60191544	494	0.5	0.37	1x230 V ~	3.3	2.7	0.69	740	2820	0.97	50	16	3x1.5	1.7
4TW - 0,55 KW - 230 V - M	60191545	535	0.75	0.55	1x230 V ~	4.6	3.3	0.68	1000	2820	0.94	56	20	3x1.5	1.7
4TW - 0,75 KW - 230 V - M	60191546	600	1	0.75	1x230 V ~	6.2	3.2	0.66	1300	2820	0.92	58	25	3x1.5	1.7
4TW - 1,1 KW - 230 V - M	60191547	672	1.5	1.1	1x230 V ~	8.6	3.6	0.68	1820	2830	0.92	62	35	3x1.5	1.7

40L

4" SUBMERSIBLE MOTORS



Two-pole asynchronous 4" submersible electric motor, **rewindable**, made of AISI 304 stainless steel for the parts in contact with water.

Cooling and lubrication of the ball bearings is ensured by an FDA-approved **special liquid**.

The stator is inserted in an AISI 304L stainless steel liner fixed by steel pins to the upper motor support.

The cable connector is removable for quick and easy maintenance. ACS, WRAS and KTW certified cable.

The motor is suitable for use with speed variator (30 Hz-50 Hz).

For the single-phase version, the capacitor and the manually reset amperometric protection are located in the electrical control panel, which can be supplied separately.

In the three-phase version, protection must be guaranteed by the user. The motor can be supplied with a PT100 temperature sensor.

Flanging NEMA 4".

Insulation class F.

Protection degree IP68.

Cooling flow speed min. 0.3 m/s 35 °C.

Line supply tolerance +6% / -10%.

Maximum number of starts per hour 20/h.

Maximum operating depth 250 m.

Horizontal operation 0.5 HP - 10 HP.

On request Different cable lengths, different supply voltages, thermal protection (up to 1.5HP, 50 Hz).



ACCESSORIES
PAGE 379

MODEL	CODE	PRICE €	P2 (HP)	P2 kW	POWER SUPPLY 50 Hz	IN (A)	Is/In	Cs/Cn	P1 (W)	N (min ⁻¹)	Cos φ	η %	C (μF)	CABLE	
														Ø mm ²	LC (m)
40L - 0,37 KW - 230 V - M	60168915	298	0.5	0.37	1x230 V ~	3.5	2.6	0.64	725	2800	0.9	51	16	4x1.5	1.7
40L - 0,55 KW - 230 V - M	60168916	313	0.75	0.55	1x230 V ~	4.5	2.7	0.6	950	2800	0.92	58	20	4x1.5	1.7
40L - 0,75 KW - 230 V - M	60168917	329	1	0.75	1x230 V ~	6.3	3.2	0.64	1275	2820	0.88	59	25	4x1.5	1.7
40L - 1,1 KW - 230 V - M	60168918	363	1.5	1.1	1x230 V ~	8.5	2.9	0.54	1780	2800	0.91	62	35	4x1.5	1.7
40L - 1,5 KW - 230 V - M	60168919	435	2	1.5	1x230 V ~	10.8	3.2	0.43	2160	2800	0.87	69	40	4x1.5	1.7
40L - 2,2 KW - 230 V - M	60169099	545	3	2.2	1x230 V ~	14	3.2	0.57	3060	2800	0.87	78	60	4x1.5	1.7
40L - 3 KW - 230 V - M	60183432	990	4	3	1x230 V ~	23.5	3.6	0.51	4900	2830	0.9	62	90	4x2	2.7
40L - 3,7 KW - 230 V - M	60169100	1.046	5	3.7	1x230 V ~	25.4	3.6	0.51	5500	2850	0.95	66	90	4x2	2.7
40L - 4 KW - 230 V - M	60185382	1.075	5.5	4	1x230 V ~	27	3.6	0.51	6000	2840	0.96	67	90	4x2	2.7
40L - 0,37 KW - 400 V - T	60168928	284	0.5	0.37	3x400 V ~	1.6	3.3	3.5	700	2820	0.63	53	-	4x1.5	1.7
40L - 0,37 KW - 230 V - T	60168920	284	0.5	0.37	3x230 V ~	2.8	3.2	3.5	700	2820	0.63	53	-	4x1.5	1.7
40L - 0,55 KW - 400 V - T	60168929	289	0.75	0.55	3x400 V ~	2.2	3.4	3.9	980	2820	0.64	56	-	4x1.5	1.7
40L - 0,55 KW - 230 V - T	60168921	289	0.75	0.55	3x230 V ~	3.8	3.4	3.9	980	2820	0.64	56	-	4x1.5	1.7
40L - 0,75 KW - 400 V - T	60168930	302	1	0.75	3x400 V ~	2.6	3.8	3.7	1200	2820	0.68	62	-	4x1.5	1.7
40L - 0,75 KW - 230 V - T	60168922	302	1	0.75	3x230 V ~	4.5	3.8	3.7	1200	2820	0.68	62	-	4x1.5	1.7
40L - 1,1 KW - 400 V - T	60168931	332	1.5	1.1	3x400 V ~	3.6	4.4	4.3	1700	2830	0.68	65	-	4x1.5	1.7
40L - 1,1 KW - 230 V - T	60168923	332	1.5	1.1	3x230 V ~	6.2	4.5	4.3	1700	2830	0.68	65	-	4x1.5	1.7
40L - 1,5 KW - 400 V - T	60168932	378	2	1.5	3x400 V ~	5.1	4.3	4.4	2160	2810	0.68	69	-	4x1.5	1.7
40L - 1,5 KW - 230 V - T	60168924	378	2	1.5	3x230 V ~	7.9	4.4	4.4	2160	2810	0.68	69	-	4x1.5	1.7
40L - 2,2 KW - 400 V - T	60167638	489	3	2.2	3x400 V ~	6	5.2	3.3	3050	2810	0.7	72	-	4x1.5	1.7
40L - 2,2 KW - 230 V - T	60168925	489	3	2.2	3x230 V ~	10.4	5.2	3.3	3050	2810	0.7	72	-	4x1.5	1.7
40L - 3 KW - 400 V - T	60167644	701	4	3	3x400 V ~	7.9	5.7	3.3	4000	2840	0.73	75	-	4x1.5	2.7
40L - 3 KW - 230 V - T	60168926	701	4	3	3x230 V ~	13.6	5.7	3.3	4000	2840	0.73	75	-	4x1.5	2.7
40L - 4 KW - 400 V - T	60167647	837	5.5	4	3x400 V ~	10.2	5.4	3.4	5260	2850	0.74	76	-	4x1.5	2.7
40L - 4 KW - 230 V - T	60168927	837	5.5	4	3x230 V ~	17.6	5.4	3.4	5260	2850	0.74	76	-	4x2	2.7
40L - 5,5 KW - 400 V - T	60169101	986	7.5	5.5	3x400 V ~	13.1	5.3	3.4	6900	2850	0.76	80	-	4x1.5	2.7
40L - 5,5 KW - 230 V - T	60169103	986	7.5	5.5	3x230 V ~	22.6	5.4	3.4	6900	2850	0.76	80	-	4x2	2.7
40L - 7,5 KW - 400 V - T	60169102	1.159	10	7.5	3x400 V ~	16.9	5	3	9030	2840	0.77	81	-	4x2	3.5
40L - 7,5 KW - 230 V - T	60169104	1.136	10	7.5	3x230 V ~	29.2	5	3	9030	2840	0.77	81	-	4x2	3.5

SS 6

6" SUBMERSIBLE ELECTRIC PUMPS



Submersible **semi-axial** multistage electric pumps for 6" or larger pits, capable of generating a wide range of flow rates. Designed for lifting, distribution and pressurization in civil and industrial water systems, autoclave and cistern feeding, firefighting and washing systems, irrigation systems. Application in clean, non-aggressive water free of solids or abrasives.

Pump design features

Pump body and impellers in AISI 304 or AISI 316 pressed steel. Pump equipped with a low pressure drop non-return valve.

For variable frequency drive operation please refer to the specifications of the coupled motor.

Operating range 75 m³/h with head up to 670 m.

Maximum permitted quantity of sand 50g/ m³.

Maximum ambient temperature 30°C (50°C available on request).

Delivery (threaded)

SS 6 A - SS 6 B: 2 ½".

SS 6 C: 3".

SS 6 D - SS 6 E: 4".

Coupled with 4", 6" or 8" motors depending on the power required by the hydraulics and available in standard or stainless steel version:

4GG: 4" built-in submersible motor.

4OL: 4" oil-filled submersible motor.

6GF: 6" built-in submersible motor.

TR 6: 6" rewindable submersible motor.

TR 8: 8" rewindable submersible motor.



SS 6A HYDRAULICS

MODEL	STANDARD		AISI 316		MOTOR ACC.	ELECTRICAL DATA		HYDRAULIC DATA										DNM GAS	WEIGHT KG	H mm	
	HYDRAULICS CODE	PRICE € HYDRAULICS	HYDRAULICS CODE	PRICE € HYDRAULICS		P2 NOMINAL REQUIRED		Q=m³/h	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0				17.0
						kW	HP	Q=l/sec	0.0	0.6	1.1	1.7	2.2	2.8	3.3	3.9	4.4				4.7
SS6A 01	60170099	651	60201534	799	4"	0.55	0.75	H (m)	9	9	9	9	9	8	7	6	5	4	2½"	5	566
SS6A 02	60170100	709	60201535	1.001	4"	1.1	1.5		19	19	19	18	17	16	15	13	10	9	2½"	7	676
SS6A 03	60170101	770	60184145	1.206	4"	1.5	2		28	28	28	27	26	24	22	19	15	13	2½"	8	799
SS6A 04	60170102	837	60201536	1.404	4"	2.2	3		37	37	37	36	35	32	29	25	20	18	2½"	10	904
SS6A 05	60170103	911	60199348	1.601	4"	2.2	3		47	47	46	45	43	41	37	32	26	22	2½"	11	965
SS6A 06	60170104	988	60199784	1.800	4"	2.2	3		56	56	56	54	52	49	44	38	31	27	2½"	13	1025
SS6A 07	60170105	1.072	60201537	2.005	4"	3	4		65	66	65	64	61	57	51	44	36	31	2½"	14	1237
SS6A 08	60170106	1.234	60201539	2.202	4"	4	5.5		75	75	74	73	70	65	59	51	41	36	2½"	15	753
SS6A 08	60167875	1.234	60173603	2.202	6"	4	5.5		75	75	74	73	70	65	59	51	41	36	2½"	15	753
SS6A 09	60170107	1.345	60201540	2.401	4"	4	5.5		84	84	84	82	78	73	66	57	46	40	2½"	17	814
SS6A 09	60167876	1.345	60201541	2.401	6"	4	5.5		84	84	84	82	78	73	66	57	46	40	2½"	17	814
SS6A 10	60170108	1.444	60201543	2.573	4"	4	5.5		93	94	93	91	87	81	73	63	51	44	2½"	18	874
SS6A 10	60167877	1.444	60201542	2.573	6"	4	5.5		93	94	93	91	87	81	73	63	51	44	2½"	18	874
SS6A 11	60170109	1.500	60201544	2.674	4"	4	5.5		103	103	102	100	96	89	81	70	56	49	2½"	20	935
SS6A 11	60167878	1.500	60192341	2.674	6"	4	5.5		103	103	102	100	96	89	81	70	56	49	2½"	20	935
SS6A 12	60170110	1.552	60201545	2.773	4"	5.5	7.5		112	112	112	109	104	97	88	76	61	53	2½"	21	995
SS6A 12	60167879	1.552	60181888	2.773	6"	5.5	7.5		112	112	112	109	104	97	88	76	61	53	2½"	21	995
SS6A 13	60170111	1.694	60201547	3.018	4"	5.5	7.5		121	122	121	118	113	105	95	82	67	58	2½"	23	1056
SS6A 13	60167880	1.694	60201546	3.018	6"	5.5	7.5		121	122	121	118	113	105	95	82	67	58	2½"	23	1056

SS 6

6" SUBMERSIBLE ELECTRIC PUMPS



MODEL	STANDARD		AISI 316		MOTOR ACC.	ELECTRICAL DATA		HYDRAULIC DATA											DNM GAS	WEIGHT KG	H mm
	HYDRAULICS CODE	PRICE € HYDRAULICS	HYDRAULICS CODE	PRICE € HYDRAULICS		P2 NOMINAL REQUIRED		Q=m³h	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0	17.0			
						KW	HP	Q=l/sec	0.0	0.6	1.1	1.7	2.2	2.8	3.3	3.9	4.4	4.7			
SS6A 14	60170112	1.829	60201548	3.268	4"	5.5	7.5	H (m)	131	131	130	127	122	114	103	89	72	62	2½"	24	1116
SS6A 14	60167881	1.829	60187433	3.268	6"	5.5	7.5		131	131	130	127	122	114	103	89	72	62	2½"	24	1116
SS6A 15	60170113	1.949	60201551	3.474	4"	5.5	7.5		140	140	139	136	130	122	110	95	77	67	2½"	26	1177
SS6A 15	60167882	1.949	60201549	3.474	6"	5.5	7.5		140	140	139	136	130	122	110	95	77	67	2½"	26	1177
SS6A 16	60170116	2.064	60201553	3.687	4"	7.5	10		149	150	149	145	139	130	117	101	82	71	2½"	27	1237
SS6A 16	60167885	2.064	60201552	3.687	6"	7.5	10		149	150	149	145	139	130	117	101	82	71	2½"	27	1237
SS6A 17	60170118	2.156	60201555	3.852	4"	7.5	10		159	159	158	154	148	138	124	108	87	76	2½"	28	1298
SS6A 17	60167886	2.156	60201554	3.852	6"	7.5	10		159	159	158	154	148	138	124	108	87	76	2½"	28	1298
SS6A 18	60170120	2.248	60201557	4.010	4"	7.5	10		168	169	167	163	156	146	132	114	92	80	2½"	30	1358
SS6A 18	60167887	2.248	60201556	4.010	6"	7.5	10		168	169	167	163	156	146	132	114	92	80	2½"	30	1358
SS6A 19	60170122	2.343	60201558	4.175	4"	7.5	10		177	178	177	172	165	154	139	120	97	84	2½"	31	1419
SS6A 19	60167888	2.343	60193396	4.175	6"	7.5	10		177	178	177	172	165	154	139	120	97	84	2½"	31	1419
SS6A 20	60170124	2.449	60201560	4.369	4"	7.5	10		187	187	186	182	174	162	146	127	102	89	2½"	33	1479
SS6A 20	60167889	2.449	60201559	4.369	6"	7.5	10		187	187	186	182	174	162	146	127	102	89	2½"	33	1479
SS6A 21	60170125	2.553	60201565	4.554	4"	7.5	10		196	197	195	191	182	170	154	133	108	93	2½"	34	1540
SS6A 21	60167892	2.553	60201561	4.554	6"	7.5	10		196	197	195	191	182	170	154	133	108	93	2½"	34	1540
SS6A 22	60167893	2.651	60201566	4.726	6"	9.2	12.5		205	206	204	200	191	178	161	139	113	98	2½"	36	1600
SS6A 23	60167894	2.744	60201567	4.900	6"	9.2	12.5		215	215	214	209	200	186	168	146	118	102	2½"	37	1661
SS6A 24	60167895	2.856	60201568	5.096	6"	9.2	12.5		224	225	223	218	209	195	176	152	123	107	2½"	39	1721
SS6A 25	60167896	2.956	60201569	5.268	6"	9.2	12.5		233	234	232	227	217	203	183	158	128	111	2½"	40	1782
SS6A 26	60167897	3.049	60201570	5.441	6"	9.2	12.5		243	244	242	236	226	211	190	165	133	116	2½"	41	1842
SS6A 27	60167898	3.146	60201571	5.611	6"	11	15		252	253	251	245	235	219	198	171	138	120	2½"	43	1903
SS6A 28	60167899	3.246	60201572	5.784	6"	11	15		261	262	260	254	243	227	205	177	143	124	2½"	44	1963
SS6A 29	60167900	3.349	60201573	5.977	6"	11	15		270	272	270	263	252	235	212	184	149	129	2½"	46	2024
SS6A 30	60167901	3.453	60201574	6.154	6"	11	15		280	281	279	272	261	243	220	190	154	133	2½"	47	2084
SS6A 31	60167902	3.550	60201575	6.326	6"	13	17.5		289	290	288	281	269	251	227	196	159	138	2½"	49	2145
SS6A 32	60167903	3.646	60201576	6.507	6"	13	17.5		298	300	297	290	278	259	234	202	164	142	2½"	50	2205
SS6A 33	60167904	3.746	60201577	6.679	6"	13	17.5		308	309	307	300	287	268	242	209	169	147	2½"	52	2266
SS6A 34	60167905	3.851	60201578	6.865	6"	13	17.5		317	318	316	309	295	276	249	215	174	151	2½"	53	2326
SS6A 35	60167906	3.950	60201579	7.051	6"	13	17.5		326	328	325	318	304	284	256	221	179	156	2½"	54	2387
SS6A 36	60167907	4.056	60201581	7.237	6"	13	17.5		336	337	335	327	313	292	264	228	184	160	2½"	56	2447
SS6A 37	60167908	4.161	60201582	7.422	6"	13	17.5		345	347	344	336	321	300	271	234	190	164	2½"	57	2508
SS6A 38	60167909	5.809	60201583	10.360	6"	15	20		354	356	353	345	330	308	278	240	195	169	2½"	59	2568
SS6A 39	60167910	7.457	60201584	13.296	6"	15	20		364	365	362	354	339	316	286	247	200	173	2½"	91	2879
SS6A 40	60167911	7.566	60201585	13.488	6"	15	20		373	375	372	363	348	324	293	253	205	178	2½"	92	2939
SS6A 41	60167912	7.666	60201586	13.674	6"	15	20		382	384	381	372	356	332	300	259	210	182	2½"	94	3000
SS6A 42	60167913	7.770	60201587	13.859	6"	18.5	25		392	393	390	381	365	341	308	266	215	187	2½"	96	3060
SS6A 43	60167914	7.874	60201588	14.040	6"	18.5	25		401	403	400	390	374	349	315	272	220	191	2½"	98	3121
SS6A 44	60167915	8.027	60201589	14.311	6"	18.5	25		410	412	409	399	382	357	322	278	225	196	2½"	100	3181
SS6A 45	60167916	8.181	60201616	14.589	6"	18.5	25		420	421	418	408	391	365	330	285	231	200	2½"	101	3242
SS6A 46	60167917	8.288	60201618	14.781	6"	18.5	25		429	431	428	418	400	373	337	291	236	204	2½"	103	3302
SS6A 47	60167918	8.403	60201619	14.979	6"	18.5	25		438	440	437	427	408	381	344	297	241	209	2½"	105	3363
SS6A 48	60167919	8.564	60201620	15.276	6"	18.5	25		448	450	446	436	417	389	352	304	246	213	2½"	107	3423
SS6A 49	60167920	8.735	60201621	15.574	6"	18.5	25		457	459	455	445	426	397	359	310	251	218	2½"	108	3484
SS6A 50	60169215	11.139	60201622	15.656	6"	22	30		466	468	465	454	434	405	366	316	256	222	2½"	110	3544
SS6A 51	60169216	12.942	60201623	15.968	6"	22	30		476	478	474	463	443	414	373	323	261	227	2½"	112	3605
SS6A 52	60169217	13.559	60201624	16.280	6"	22	30		485	487	483	472	452	422	381	329	266	231	2½"	114	3665
SS6A 53	60169218	13.940	60201625	16.594	6"	22	30		494	496	493	481	460	430	388	335	272	236	2½"	116	3726
SS6A 54	60169219	14.296	60201626	16.908	6"	22	30		504	506	502	490	469	438	395	342	277	240	2½"	117	3786
SS6A 55	60169220	14.801	60201627	17.220	6"	22	30		513	515	511	499	478	446	403	348	282	244	2½"	119	3847
SS6A 56	60169221	15.183	60201628	17.535	6"	22	30		522	524	520	508	487	454	410	354	287	249	2½"	121	3907
SS6A 57	60169223	15.418	60201631	17.849	6"	22	30		532	534	530	517	495	462	417	361	292	253	2½"	123	3968
SS6A 58	60169225	15.786	60201633	18.161	6"	22	30		541	543	539	526	504	470	425	367	297	258	2½"	125	4028
SS6A 59	60169227	16.045	60201634	18.473	6"	22	30		550	553	548	536	513	478	432	373	302	262	2½"	126	4089
SS6A 60	60169228	16.648	60201635	18.786	6"	22	30		560	562	558	545	521	486	439	380	307	267	2½"	128	4149

SS 6

6" SUBMERSIBLE ELECTRIC PUMPS



SS 6B HYDRAULICS

MODEL	STANDARD		AISI 316		MOTOR ACC.	ELECTRICAL DATA		HYDRAULIC DATA												DNM GAS	WEIGHT KG	H mm
	HYDRAULICS CODE	PRICE € HYDRAULICS	HYDRAULICS CODE	PRICE € HYDRAULICS		P2 NOMINAL REQUIRED		Q=m³/h	0.0	6.0	8.0	10.0	12.0	14.0	15.0	16.0	18.0	20.0				
						KW	HP	Q=l/sec	0.0	1.7	2.2	2.8	3.3	3.9	4.2	4.4	5	5.6				
SS6B 01	60170130	652	60201639	1.014	4"	0.75	1	H (m)	11	11	11	10	10	9	9	9	8	6	2½"	13.1	330	
SS6B 02	60170131	712	60201640	1.187	4"	1.5	2		23	22	22	21	20	19	18	17	15	13	2½"	18	390	
SS6B 03	60170132	771	60196898	1.350	4"	2.2	3		34	33	33	31	30	28	27	26	23	19	2½"	21.2	451	
SS6B 04	60170133	839	60201641	1.521	4"	3	4		45	44	43	42	40	37	36	34	30	26	2½"	29.9	511	
SS6B 05	60170144	916	60199783	1.696	4"	3	4		56	55	54	52	50	47	45	43	38	32	2½"	30.9	572	
SS6B 06	60170145	991	60201642	1.860	4"	4	5.5		68	66	65	63	60	56	54	51	45	39	2½"	52.4	632	
SS6B 06	60167925	991	60201643	1.860	6"	4	5.5		68	66	65	63	60	56	54	51	45	39	2½"	52.4	632	
SS6B 07	60170146	1.139	60201644	2.032	4"	4	5.5		79	77	76	73	70	65	63	60	53	45	2½"	14	693	
SS6B 07	60167199	1.139	60201645	2.032	6"	4	5.5		79	77	76	73	70	65	63	60	53	45	2½"	14	693	
SS6B 08	60170147	1.234	60201646	2.202	4"	5.5	7.5		90	89	87	84	80	75	71	68	60	52	2½"	16	753	
SS6B 08	60167926	1.234	60182308	2.202	6"	5.5	7.5		90	89	87	84	80	75	71	68	60	52	2½"	16	753	
SS6B 09	60170148	1.332	60201651	2.375	4"	5.5	7.5		102	100	98	94	90	84	80	77	68	58	2½"	17	814	
SS6B 09	60167927	1.332	60178129	2.375	6"	5.5	7.5		102	100	98	94	90	84	80	77	68	58	2½"	17	814	
SS6B 10	60170149	1.444	60201652	2.573	4"	5.5	7.5		113	111	108	105	100	93	89	85	76	65	2½"	18	874	
SS6B 10	60167200	1.444	60169471	2.573	6"	5.5	7.5		113	111	108	105	100	93	89	85	76	65	2½"	18	874	
SS6B 11	60170150	1.543	60201653	2.753	4"	7.5	10		124	122	119	115	110	102	98	94	83	71	2½"	20	935	
SS6B 11	60167928	1.543	60201654	2.753	6"	7.5	10		124	122	119	115	110	102	98	94	83	71	2½"	20	935	
SS6B 12	60170151	1.641	60201655	2.931	4"	7.5	10		135	133	130	126	120	112	107	102	91	78	2½"	21	995	
SS6B 12	60167929	1.641	60201656	2.931	6"	7.5	10		135	133	130	126	120	112	107	102	91	78	2½"	21	995	
SS6B 13	60170152	1.748	60201657	3.117	4"	7.5	10		147	144	141	136	130	121	116	111	98	84	2½"	23	1056	
SS6B 13	60167201	1.748	60182309	3.117	6"	7.5	10		147	144	141	136	130	121	116	111	98	84	2½"	23	1056	
SS6B 14	60170153	1.849	60201658	3.297	4"	7.5	10		158	155	152	147	140	130	125	119	106	91	2½"	24	1116	
SS6B 14	60167930	1.849	60182310	3.297	6"	7.5	10		158	155	152	147	140	130	125	119	106	91	2½"	24	1116	
SS6B 15	60167202	1.949	60201659	3.474	6"	9.2	12.5		169	166	163	157	150	140	134	128	113	97	2½"	26	1177	
SS6B 16	60167931	2.053	60169472	3.659	6"	9.2	12.5		181	177	173	168	160	149	143	136	121	103	2½"	27	1237	
SS6B 17	60167203	2.151	60183431	3.841	6"	9.2	12.5		192	188	184	178	170	158	152	145	128	110	2½"	29	1298	
SS6B 18	60167932	2.248	60201660	4.010	6"	11	15		203	199	195	189	180	168	161	153	136	116	2½"	30	1358	
SS6B 19	60167933	2.343	60201661	4.175	6"	11	15		214	210	206	199	190	177	170	162	143	123	2½"	31	1419	
SS6B 20	60167204	2.438	60201663	4.356	6"	11	15		226	221	217	210	199	186	179	170	151	129	2½"	33	1479	
SS6B 21	60167934	2.546	60201664	4.539	6"	13	17.5		237	232	228	220	209	196	188	179	159	136	2½"	34	1540	
SS6B 22	60167205	2.651	60201665	4.726	6"	13	17.5	248	243	238	230	219	205	196	187	166	142	2½"	36	1600		
SS6B 23	60167935	2.752	60201667	4.912	6"	13	17.5	260	254	249	241	229	214	205	196	174	149	2½"	37	1661		
SS6B 24	60167206	2.856	60201668	5.096	6"	13	17.5	271	266	260	251	239	224	214	204	181	155	2½"	39	1721		
SS6B 25	60167938	2.956	60201669	5.268	6"	15	20	282	277	271	262	249	233	223	213	189	162	2½"	40	1782		
SS6B 26	60167939	3.049	60201670	5.441	6"	15	20	293	288	282	272	259	242	232	221	196	168	2½"	42	1842		
SS6B 27	60167207	3.146	60201671	5.611	6"	15	20	305	299	293	283	269	252	241	230	204	175	2½"	43	1903		
SS6B 28	60167940	3.246	60201672	5.784	6"	15	20	316	310	303	293	279	261	250	238	211	181	2½"	45	1963		
SS6B 29	60167941	3.342	60201674	5.965	6"	18.5	25	327	321	314	304	289	270	259	247	219	188	2½"	46	2024		
SS6B 30	60167208	3.453	60201675	6.154	6"	18.5	25	339	332	325	314	299	280	268	255	227	194	2½"	47	2084		

SS 6

6" SUBMERSIBLE ELECTRIC PUMPS



SS 6B HYDRAULICS

MODEL	STANDARD		AISI 316		MOTOR ACC.	ELECTRICAL DATA		HYDRAULIC DATA												DNM GAS	WEIGHT KG	H mm
	HYDRAULICS CODE	PRICE € HYDRAULICS	HYDRAULICS CODE	PRICE € HYDRAULICS		P2 NOMINAL REQUIRED		Q=m³/h	0.0	6.0	8.0	10.0	12.0	14.0	15.0	16.0	18.0	20.0				
						KW	HP	Q=l/sec	0.0	1.7	2.2	2.8	3.3	3.9	4.2	4.4	5	5.6				
SS6B 31	60167209	3.550	60201678	6.326	6"	18.5	25	H (m)	350	343	336	325	309	289	277	264	234	200	2½"	49	2145	
SS6B 32	60167942	3.646	60201679	6.507	6"	18.5	25		361	354	347	335	319	298	286	272	242	207	2½"	50	2205	
SS6B 33	60167210	3.746	60201680	6.679	6"	18.5	25		372	365	358	346	329	307	295	281	249	213	2½"	52	2266	
SS6B 34	60167943	3.843	60201681	6.852	6"	18.5	25		384	376	368	356	339	317	304	289	257	220	2½"	53	2326	
SS6B 35	60167944	3.940	60201682	7.022	6"	22	30		395	387	379	367	349	326	313	298	264	226	2½"	55	2387	
SS6B 36	60167211	4.047	60201683	7.222	6"	22	30		406	398	390	377	359	335	322	306	272	233	2½"	56	2447	
SS6B 37	60167945	4.145	60201684	7.393	6"	22	30		418	409	401	388	369	345	330	315	279	239	2½"	58	2508	
SS6B 38	60167212	4.243	60201685	7.567	6"	22	30		429	420	412	398	379	354	339	323	287	246	2½"	59	2568	
SS6B 39	60167946	4.338	60201686	7.744	6"	22	30		440	432	423	409	389	363	348	332	294	252	2½"	91	2879	
SS6B 40	60167213	4.452	60201687	7.936	6"	22	30		451	443	433	419	399	373	357	340	302	259	2½"	93	2939	
SS6B 41	60167947	4.550	60201688	8.108	6"	22	30		463	454	444	430	409	382	366	349	310	265	2½"	95	3000	
SS6B 42	60167948	4.642	60201690	8.286	6"	26	35		474	465	455	440	419	391	375	357	317	272	2½"	96	3060	
SS6B 43	60167949	7.874	60201691	14.040	6"	26	35		485	476	466	450	429	401	384	366	325	278	2½"	98	3121	
SS6B 44	60167950	8.027	60201692	14.311	6"	26	35		497	487	477	461	439	410	393	374	332	284	2½"	100	3181	
SS6B 45	60167951	8.181	60201693	14.589	6"	26	35		508	498	488	471	449	419	402	383	340	291	2½"	102	3242	
SS6B 46	60167952	8.276	60201694	14.759	6"	26	35		519	509	498	482	459	429	411	391	347	297	2½"	103	3302	
SS6B 47	60167953	8.385	60201695	14.954	6"	26	35		531	520	509	492	469	438	420	400	355	304	2½"	105	3363	
SS6B 48	60167954	8.482	60201696	15.129	6"	26	35		542	531	520	503	479	447	429	408	362	310	2½"	107	3423	
SS6B 49	60167955	8.595	60201697	15.322	6"	30	40		553	542	531	513	489	457	438	417	370	317	2½"	109	3484	
SS6B 50	60167956	8.706	60201698	15.520	6"	30	40		564	553	542	524	499	466	447	425	378	323	2½"	111	3544	
SS6B 51	60167957	8.816	60201699	15.721	6"	30	40		576	564	553	534	509	475	456	434	385	330	2½"	112	3605	
SS6B 52	60167958	9.036	60201700	16.118	6"	30	40		587	575	563	545	519	485	464	442	393	336	2½"	114	3665	
SS6B 53	60167959	9.259	60201702	16.515	6"	30	40		598	586	574	555	529	494	473	451	400	343	2½"	116	3726	
SS6B 54	60169229	12.000	60201703	16.826	6"	30	40		610	597	585	566	539	503	482	459	408	349	2½"	118	3786	
SS6B 55	60169236	12.945	60201704	17.139	6"	30	40		621	609	596	576	549	512	491	468	415	356	2½"	120	3847	
SS6B 56	60169237	13.321	60201705	17.448	6"	30	40		632	620	607	587	559	522	500	476	423	362	2½"	121	3907	
SS6B 57	60169238	13.571	60201706	17.759	6"	37	50		643	631	618	597	569	531	509	485	430	369	2½"	123	3968	
SS6B 58	60169239	13.804	60201707	18.073	6"	37	50		655	642	628	608	578	540	518	493	438	375	2½"	125	4028	
SS6B 59	60169240	14.421	60201708	18.383	6"	37	50		666	653	639	618	588	550	527	502	446	381	2½"	127	4089	
SS6B 60	60169241	14.346	60201709	18.696	6"	37	50		677	664	650	629	598	559	536	510	453	388	2½"	129	4149	

DAB SERVICES

HEATING AND AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER SETS

END SUCTION AND VERTICAL MULTISTAGE PUMPS

DRAINAGE AND SEWAGE

GROUNDWATER AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

SS 6

6" SUBMERSIBLE ELECTRIC PUMPS



SS 6C HYDRAULICS

MODEL	STANDARD		AISI 316		MOTOR ACC.	ELECTRICAL DATA		HYDRAULIC DATA												DNM GAS	WEIGHT KG	H mm
	HYDRAULICS CODE	PRICE € HYDRAULICS	HYDRAULICS CODE	PRICE € HYDRAULICS		P2NOMINAL REQUIRED		Q=m³h	0.0	6.0	10.0	14.0	18.0	22.0	26.0	30.0	34.0	38.0				
						KW	HP	Q=l/sec	0.0	1.7	2.8	3.9	5	6.1	7.2	8.3	9.4	10.6				
SS6C 01	60170154	670	60201721	867	4"	1.1	1.5	H (m)	12	11	11	11	10	9	8	7	6	5	3"	6	364	
SS6C 02	60170155	734	60201722	1.093	4"	2.2	3		22	21	20	20	20	19	17	15	11	10	3"	9	459	
SS6C 03	60170156	803	60201723	1.316	4"	3	4		35	34	33	32	30	28	25	22	19	15	3"	11	554	
SS6C 04	60170157	863	60201724	1.536	4"	4	5.5		47	46	44	43	40	37	34	30	25	20	3"	13	649	
SS6C 04	60167215	863	60173604	1.536	6"	4	5.5		47	46	44	43	40	37	34	30	25	20	3"	13	649	
SS6C 05	60170158	987	60201725	1.761	4"	5.5	7.5		59	57	55	53	50	47	42	37	32	25	3"	15	744	
SS6C 05	60167216	987	60201726	1.761	6"	5.5	7.5		59	57	55	53	50	47	42	37	32	25	3"	15	744	
SS6C 06	60170159	1.109	60201728	1.980	4"	5.5	7.5		70	69	67	64	60	56	51	45	38	30	3"	17	839	
SS6C 06	60167217	1.109	60201727	1.980	6"	5.5	7.5		70	69	67	64	60	56	51	45	38	30	3"	17	839	
SS6C 07	60170160	1.234	60201729	2.202	4"	7.5	10		82	80	78	74	70	65	59	52	44	35	3"	19	934	
SS6C 07	60167962	1.234	60200939	2.202	6"	7.5	10		82	80	78	74	70	65	59	52	44	35	3"	19	934	
SS6C 08	60170161	1.358	60201730	2.424	4"	7.5	10		94	92	89	85	80	75	68	60	51	40	3"	21	1029	
SS6C 08	60167218	1.358	60193512	2.424	6"	7.5	10		94	92	89	85	80	75	68	60	51	40	3"	21	1029	
SS6C 09	60167963	1.484	60201732	2.646	6"	9.2	12.5		105	103	100	96	90	84	76	67	57	45	3"	23	1124	
SS6C 10	60167964	1.607	60201733	2.872	6"	9.2	12.5		117	114	111	106	100	93	85	75	63	50	3"	25	1219	
SS6C 11	60167219	1.721	60198609	3.072	6"	9.2	12.5		129	126	122	117	110	103	93	82	70	55	3"	27	1314	
SS6C 12	60167965	1.860	60187508	3.316	6"	11	15		141	137	133	128	120	112	102	90	76	60	3"	29	1409	
SS6C 13	60167220	1.971	60201734	3.514	6"	11	15		152	149	144	138	131	121	110	97	82	65	3"	31	1504	
SS6C 14	60167966	2.095	60201735	3.740	6"	13	17.5		164	160	155	149	141	131	119	105	89	70	3"	33	1599	
SS6C 15	60167221	2.202	60201736	3.933	6"	13	17.5		176	172	166	159	151	140	127	112	95	75	3"	36	1694	
SS6C 16	60167967	2.331	60179224	4.158	6"	15	20		187	183	178	170	161	149	136	120	101	80	3"	38	1789	
SS6C 17	60167222	2.438	60192958	4.356	6"	15	20		199	195	189	181	171	159	144	127	108	85	3"	40	1884	
SS6C 18	60167968	2.566	60201737	4.573	6"	18.5	25		211	206	200	191	181	168	153	135	114	90	3"	42	1979	
SS6C 19	60167223	2.689	60201738	4.799	6"	18.5	25		223	217	211	202	191	177	161	142	121	95	3"	44	2074	
SS6C 20	60167225	2.815	60201739	5.023	6"	18.5	25		234	229	222	213	201	186	170	150	127	100	3"	46	2169	
SS6C 21	60167226	2.937	60201740	5.243	6"	18.5	25		246	240	233	223	211	196	178	157	133	105	3"	48	2264	
SS6C 22	60167969	3.064	60201741	5.467	6"	22	30		258	252	244	234	221	205	187	165	140	110	3"	50	2359	
SS6C 23	60167227	3.192	60201742	5.686	6"	22	30		269	263	255	244	231	214	195	172	146	115	3"	52	2454	
SS6C 24	60167970	3.312	60201743	5.910	6"	22	30		281	275	266	255	241	224	203	180	152	120	3"	54	2549	
SS6C 25	60167971	3.468	60201744	6.180	6"	22	30		293	286	277	266	251	233	212	187	159	125	3"	56	2644	
SS6C 26	60167228	3.606	60201745	6.425	6"	22	30		305	298	289	276	261	242	220	195	165	130	3"	58	2739	
SS6C 27	60167972	3.746	60201746	6.679	6"	26	35		316	309	300	287	271	252	229	202	171	136	3"	60	2834	
SS6C 28	60167973	3.882	60201747	6.923	6"	26	35		328	320	311	298	281	261	237	210	178	141	3"	63	2929	
SS6C 29	60167974	4.023	60201748	7.167	6"	26	35		340	332	322	308	291	270	246	217	184	146	3"	65	3024	
SS6C 30	60167229	4.161	60201749	7.422	6"	26	35		351	343	333	319	301	280	254	225	190	151	3"	67	3119	
SS6C 31	60167975	4.297	60188222	7.666	6"	30	40		363	355	344	330	311	289	263	232	197	156	3"	69	3214	
SS6C 32	60167976	4.434	60201750	7.910	6"	30	40		375	366	355	340	321	298	271	240	203	161	3"	71	3309	
SS6C 33	60167977	4.574	60201751	8.162	6"	30	40		387	378	366	351	331	308	280	247	209	166	3"	73	3404	
SS6C 34	60167230	4.712	60201752	8.408	6"	30	40		398	389	377	361	341	317	288	255	216	171	3"	75	3499	
SS6C 35	60167978	4.851	60201753	8.653	6"	30	40		410	401	388	372	351	326	297	262	222	176	3"	77	3594	
SS6C 36	60167979	4.991	60201754	8.901	6"	30	40		422	412	400	383	361	336	305	270	228	181	3"	79	3689	
SS6C 37	60167980	5.130	60201755	9.147	6"	37	50		433	423	411	393	371	345	314	277	235	186	3"	81	3784	
SS6C 38	60167981	5.267	60201757	9.392	6"	37	50		445	435	422	404	381	354	322	285	241	191	3"	83	3879	
SS6C 39	60167231	9.148	60201758	16.316	6"	37	50		457	446	433	415	392	364	331	292	247	196	3"	124	4224	
SS6C 40	60167982	9.315	60201759	16.615	6"	37	50		469	458	444	425	402	373	339	300	254	201	3"	126	4319	
SS6C 41	60167983	9.454	60201760	16.861	6"	37	50		480	469	455	436	412	382	348	307	260	206	3"	129	4414	
SS6C 42	60167984	9.621	60201761	17.157	6"	37	50		492	481	466	446	422	392	356	315	266	211	3"	132	4509	
SS6C 43	60167232	9.760	60201762	17.401	8"	45	60		504	492	477	457	432	401	365	322	273	216	3"	134	4604	
SS6C 44	60167985	9.926	60201763	17.697	8"	45	60		515	504	488	468	442	410	373	330	279	221	3"	137	4699	
SS6C 45	60167986	10.091	60201764	17.997	8"	45	60		527	515	499	478	452	420	381	337	285	226	3"	139	4794	
SS6C 46	60167233	10.342	60201765	18.438	8"	45	60		539	526	511	489	462	429	390	344	292	231	3"	142	4889	
SS6C 47	60167988	10.537	60201766	18.783	8"	45	60		551	538	522	500	472	438	398	352	298	236	3"	145	4984	
SS6C 48	60167989	10.757	60201767	19.183	8"	45	60		562	549	533	510	482	448	407	359	304	241	3"	147	5079	
SS6C 49	60167503	10.953	60201768	19.526	8"	45	60		574	561	544	521	492	457	415	367	311	246	3"	150	5174	
SS6C 50	60169242	13.977	60201769	19.922	8"	45	60	586	572	555	532	502	466	424	374	317	251	3"	152	5269		
SS6C 51	60169243	14.198	60201770	20.321	8"	45	60	597	584	566	542	512	476	432	382	323	256	3"	155	5364		
SS6C 52	60169244	14.439	60201772	20.726	8"	55	75	609	595	577	553	522	485	441	389	330	261	3"	158	5459		
SS6C SS																						

SS 6

6" SUBMERSIBLE ELECTRIC PUMPS



SS 6D HYDRAULICS

MODEL	STANDARD		AISI 316		MOTOR ACC.	ELECTRICAL DATA		HYDRAULIC DATA												DNM GAS	WEIGHT KG	H mm
	HYDRAULICS CODE	PRICE € HYDRAULICS	HYDRAULICS CODE	PRICE € HYDRAULICS		P2 NOMINAL REQUIRED		Q=m³/h	0.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0				
						KW	HP	Q=l/sec	0.0	5.6	6.9	8.3	9.7	11.1	12.5	13.9	15.3	16.7				
SS6D 01	60170162	685	60181670	946	4"	2.2	3	H (m)	14	13	12	11	10	10	9	8	7	5	4"	7	382	
SS6D 02	60170163	780	60201775	1.245	4"	4	5.5		28	25	24	22	21	19	18	16	14	10	4"	10	494	
SS6D 02	60167245	780	60201777	1.245	6"	4	5.5		28	25	24	22	21	19	18	16	14	10	4"	10	494	
SS6D 03	60170164	863	60198738	1.536	4"	5.5	7.5		42	38	36	33	31	29	26	24	20	16	4"	12	606	
SS6D 03	60167246	863	60198737	1.536	6"	5.5	7.5		42	38	36	33	31	29	26	24	20	16	4"	12	606	
SS6D 04	60170165	1.027	60201779	1.832	4"	7.5	10		56	50	47	44	41	38	35	32	27	21	4"	15	718	
SS6D 04	60167247	1.027	60177011	1.832	6"	7.5	10		56	50	47	44	41	38	35	32	27	21	4"	15	718	
SS6D 05	60170166	1.165	60201780	2.086	4"	7.5	10		70	63	59	56	52	48	44	39	34	26	4"	18	830	
SS6D 05	60167248	1.165	60199303	2.086	6"	7.5	10		70	63	59	56	52	48	44	39	34	26	4"	18	830	
SS6D 06	60167249	1.317	60201781	2.357	6"	9.2	12.5		84	75	71	67	62	57	53	47	41	31	4"	20	942	
SS6D 07	60167250	1.484	60201782	2.646	6"	11	15		98	88	83	78	72	67	61	55	47	36	4"	23	1054	
SS6D 08	60167251	1.637	60201786	2.920	6"	13	17.5		112	101	95	89	83	77	70	63	54	42	4"	26	1166	
SS6D 09	60167252	1.805	60201787	3.216	6"	15	20		126	113	107	100	93	86	79	71	61	47	4"	28	1278	
SS6D 10	60167987	1.957	60201788	3.489	6"	18.5	25		140	126	119	111	103	96	88	79	68	52	4"	31	1390	
SS6D 11	60167253	2.107	60201789	3.758	6"	18.5	25		154	138	130	122	114	105	97	87	74	57	4"	34	1502	
SS6D 12	60167254	2.262	60201790	4.033	6"	22	30		168	151	142	133	124	115	105	95	81	62	4"	36	1614	
SS6D 13	60167990	2.415	60201791	4.305	6"	22	30		182	163	154	144	134	125	114	102	88	68	4"	39	1726	
SS6D 14	60167255	2.578	60201792	4.601	6"	22	30		196	176	166	155	145	134	123	110	95	73	4"	42	1838	
SS6D 15	60167991	2.734	60201793	4.872	6"	26	35		210	188	178	167	155	144	132	118	101	78	4"	44	1950	
SS6D 16	60167256	2.885	60193066	5.144	6"	26	35		224	201	190	178	165	153	141	126	108	83	4"	47	2062	
SS6D 17	60167992	3.049	60201794	5.441	6"	26	35		238	214	202	189	176	163	149	134	115	88	4"	49	2174	
SS6D 18	60167257	3.215	60201795	5.738	6"	30	40		252	226	213	200	186	172	158	142	122	93	4"	52	2286	
SS6D 19	60167995	3.387	60201796	6.037	6"	37	50		266	239	225	211	197	182	167	150	128	99	4"	55	2398	
SS6D 20	60167996	3.550	60201797	6.326	6"	37	50		280	251	237	222	207	192	176	158	135	104	4"	57	2510	
SS6D 21	60167997	3.715	60201798	6.624	6"	37	50		294	264	249	233	217	201	184	166	142	109	4"	60	2622	
SS6D 22	60167998	3.882	60201799	6.923	6"	37	50		308	276	261	244	228	211	193	173	149	114	4"	63	2734	
SS6D 23	60167258	4.076	60201800	7.265	6"	37	50		322	289	273	255	238	220	202	181	155	119	4"	65	2846	
SS6D 24	60167999	4.243	60201801	7.567	6"	45	60		336	302	285	267	248	230	211	189	162	125	4"	68	2958	
SS6D 25	60168000	4.383	60201802	7.813	8"	45	60		350	314	296	278	259	239	220	197	169	130	4"	71	3070	
SS6D 26	60167259	4.561	60201803	8.134	8"	45	60		364	327	308	289	269	249	228	205	176	135	4"	73	3182	
SS6D 27	60168001	4.712	60201804	8.408	8"	45	60		378	339	320	300	279	259	237	213	182	140	4"	76	3294	
SS6D 28	60167260	4.868	60201806	8.678	8"	45	60		392	352	332	311	290	268	246	221	189	145	4"	79	3406	
SS6D 29	60168002	5.019	60201807	8.955	8"	45	60		406	364	344	322	300	278	255	229	196	151	4"	81	3518	
SS6D 30	60167261	5.171	60180677	9.228	8"	45	60	420	377	356	333	310	287	264	237	203	156	4"	84	3630		
SS6D 31	60168003	5.324	60188223	9.499	8"	55	75	434	390	368	344	321	297	272	244	209	161	4"	86	3742		
SS6D 32	60168004	5.489	60201808	9.790	8"	55	75	448	402	379	355	331	307	281	252	216	166	4"	89	3854		
SS6D 33	60167262	5.659	60201809	10.088	8"	55	75	462	415	391	366	341	316	290	260	223	171	4"	92	3966		

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

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BOOSTER
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AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

SS 6

6" SUBMERSIBLE ELECTRIC PUMPS



SS 6E HYDRAULICS

MODEL	STANDARD		AISI 316		MOTOR ACC.	ELECTRICAL DATA		HYDRAULIC DATA														DNM GAS	WEIGHT KG	H mm
	HYDRAULICS CODE	PRICE € HYDRAULICS	HYDRAULICS CODE	PRICE € HYDRAULICS		P2 NOMINAL REQUIRED		Q=m³/h	0.0	20.0	40.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0						
						KW	HP	Q=l/sec	0.0	5.6	11.1	12.5	13.9	15.3	16.7	18.1	19.4	20.8						
SS6E01	60171006	803	-	-	4"	2.2	3	H (m)	15	13	10	10	9	9	8	8	7	6	4"	7	382			
SS6E02	60171007	827	60201811	1.363	4"	4	5.5		30	26	21	20	19	18	17	15	14	11	4"	10	494			
SS6E02	60167265	827	60178924	1.363	6"	4	5.5		30	26	21	20	19	18	17	15	14	11	4"	10	494			
SS6E03	60171008	903	60201812	1.610	4"	5.5	7.5		45	38	31	30	28	27	25	23	20	17	4"	12	601			
SS6E03	60167266	903	60201813	1.610	6"	5.5	7.5		45	38	31	30	28	27	25	23	20	17	4"	12	606			
SS6E04	60171009	1.040	60201814	1.860	4"	7.5	10		60	51	42	40	38	36	33	31	27	23	4"	15	718			
SS6E04	60167267	1.040	60171300	1.860	6"	7.5	10		60	51	42	40	38	36	33	31	27	23	4"	15	718			
SS6E05	60167268	1.248	60171301	2.231	6"	9.2	12.5		75	64	52	50	47	45	42	38	34	28	4"	18	830			
SS6E06	60167269	1.373	60201815	2.448	6"	11	15		90	77	62	59	57	54	50	46	41	34	4"	20	942			
SS6E07	60167270	1.542	60199729	2.747	6"	13	17.5		105	90	73	69	66	63	59	54	48	40	4"	23	1054			
SS6E08	60167271	1.694	60181385	3.018	6"	15	20		120	103	83	79	75	71	67	61	54	45	4"	26	1166			
SS6E09	60168005	1.886	60201816	3.362	6"	18.5	25		135	115	94	89	85	80	75	69	61	51	4"	28	1278			
SS6E10	60167272	2.081	60201817	3.713	6"	18.5	25		150	128	104	99	94	89	84	77	68	56	4"	31	1390			
SS6E11	60168006	2.271	60201818	4.050	6"	22	30		165	141	115	109	104	98	92	85	75	62	4"	34	1502			
SS6E12	60167273	2.457	60201819	4.380	6"	22	30		180	154	125	119	113	107	100	92	82	68	4"	36	1614			
SS6E13	60168007	2.621	60201827	4.674	6"	26	35		195	167	135	129	123	116	109	100	88	73	4"	39	1726			
SS6E14	60167274	2.773	60201828	4.944	6"	26	35		210	180	146	139	132	125	117	108	95	79	4"	42	1838			
SS6E15	60168008	2.937	60201829	5.243	6"	30	40		225	192	156	149	141	134	126	115	102	85	4"	44	1950			
SS6E16	60168009	3.106	60201830	5.540	6"	30	40		240	205	167	159	151	143	134	123	109	90	4"	47	2062			
SS6E17	60167275	3.268	60201831	5.837	6"	30	40		255	218	177	169	160	152	142	131	116	96	4"	50	2174			
SS6E18	60168010	3.468	60201832	6.180	6"	37	50		270	231	187	178	170	161	151	138	122	102	4"	52	2286			
SS6E19	60168011	3.673	60201833	6.552	6"	37	50		285	244	198	188	179	170	159	146	129	107	4"	55	2398			
SS6E20	60167276	3.882	60201834	6.923	6"	37	50		300	257	208	198	189	179	167	154	136	113	4"	58	2510			
SS6E21	60167277	4.076	60201837	7.265	6"	37	50		315	269	219	208	198	188	176	161	143	119	4"	60	2622			
SS6E22	60168012	4.283	60201838	7.638	6"	45	60		330	282	229	218	207	197	184	169	150	124	4"	63	2734			
SS6E23	60168013	4.506	60201839	8.035	8"	45	60		345	295	239	228	217	205	193	177	157	130	4"	65	2846			
SS6E24	60167278	4.712	60201840	8.408	8"	45	60		360	308	250	238	226	214	201	184	163	135	4"	68	2958			
SS6E25	60168014	4.922	60201841	8.778	8"	55	75		375	321	260	248	236	223	209	192	170	141	4"	71	3070			
SS6E26	60168015	5.130	60195646	9.147	8"	55	75		390	334	271	258	245	232	218	200	177	147	4"	73	3182			
SS6E27	60168016	5.338	60201842	9.518	8"	55	75		405	346	281	268	255	241	226	208	184	152	4"	76	3294			
SS6E28	60167279	5.543	60189119	9.889	8"	55	75	420	359	292	278	264	250	234	215	191	158	4"	79	3406				
SS6E29	60168017	5.756	60201843	10.261	8"	55	75	435	372	302	287	273	259	243	223	197	164	4"	81	3518				
SS6E30	60167280	5.961	60201844	10.632	8"	55	75	450	385	312	297	283	268	251	231	204	169	4"	84	3630				

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

SMC 6

6" SUBMERSIBLE ELECTRIC PUMPS



Submersible semi-axial multistage electric pumps for 6" or larger pits, capable of generating a wide range of flow rates and heads. Designed for lifting, distribution and pressurization in industrial water systems, autoclave and cistern feeding, firefighting systems, irrigation systems.

Application in clean, non-aggressive water free of solids or abrasives.

Pump design features

Cataphoresis-treated cast iron pump body and AISI 304 stainless steel precision cast impellers dynamically balanced and keyed to the shaft. Shaft guided by coaxial bush bearings and fully protected by bushings.

Pump equipped with a low pressure drop non-return valve.

Threaded delivery port.

For the electrical characteristics of the coupled motors and variable frequency drive operation specifications, please refer to the specific model data sheets.

Operating range up to 84 m³/h with head up to 452 m.

Pumped liquid Clean, free of solids or abrasive substances, chemically neutral close to the characteristics of water.

Maximum number of starts per hour refer to the coupled motor.

Cooling flow refer to the coupled motor.

Maximum permitted quantity of sand 40gr/m³.

Ambient temperature +30°C.

Recommended minimum suction level m1.

Installation horizontal or vertical.

Coupled with 4", 6" or 8" motors depending on the power required by the hydraulics and available in both standard and entirely stainless steel version.

4GG: 4" built-in submersible motor.

40L: 4" oil-filled submersible motor.

6GF: 6" built-in submersible motor.

TR 6: 6" rewindable submersible motor.

TR 8: 8" rewindable submersible motor.

SMC 6 30 HYDRAULICS

MODEL	HYDRAULICS CODE	PRICE € HYDRAULICS	MOTOR ACC.	ELECTRICAL DATA		HYDRAULIC DATA														DNM GAS	WEIGHT KG	H mm
				P2 NOMINAL REQUIRED		Q=m³/h	0	9	12	15	18	21	24	27	30	33	36	42				
				kW	HP		Q=l/min	0	150	200	250	300	350	400	450	500	550	600	700			
SMC6 30/4E	60177213	3.012	4"	5.5	7.5	H (m)	66.5	63	62	60.5	59	57	54.5	51.5	47.5	42.5	36.5	23	2½"	28	634	
SMC6 30/5E	60177214	3.404	6"	7.5	10		83	79	77	75.5	73.5	71	68	64	59	53	45	28.5	2½"	33	710	
SMC6 30/7G	60177215	4.344	6"	9.3	12.5		113	107.5	105.5	102.5	99	95.5	90	84	76.5	67.5	56.5	32.5	2½"	42	875	
SMC6 30/8E	60177216	4.819	6"	11	15		133	126	123.5	120.5	117.5	113.5	108.5	102	94	84	71.5	45	2½"	46	958	
SMC6 30/10F	60177217	5.764	6"	13	17.5		161.5	150.5	148	144.5	140.5	136	129	120	109	96	79.5	49	2½"	55	1123	
SMC6 30/11E	60177218	6.240	6"	15	20		182.5	171	167.5	164	159.5	154.5	147	137.5	125.5	111	93	58	2½"	60	1205	
SMC6 30/12E	60177219	6.714	6"	18.5	25		199.5	186.5	183	178.5	174	168.5	160	149.5	136.5	121	101.5	63.5	2½"	65	1288	
SMC6 30/14E	60177220	7.662	6"	18.5	25		232.5	217.5	213.5	208.5	203	196.5	187	174.5	159.5	141	118	73.5	2½"	74	1453	
SMC6 30/15E	60177221	8.135	6"	22	30		249	233	228.5	223.5	217.5	210.5	200	187	170.5	151	126.5	79	2½"	78	1535	
SMC6 30/17F	60177222	9.078	6"	22	30		274.5	256	251.5	245.5	239	230.5	219	204	185	162.5	135	82	2½"	88	1700	
SMC6 30/20F	60177223	10.501	6"	26	35		322.5	304	297.5	290	282	272.5	259	240.5	217.5	189	155	92.5	2½"	101	1948	
SMC6 30/22E	60177224	11.446	6"	30	40		361	339	332	325	318	306	291	271.5	246	215	177	106.5	2½"	110	2113	
SMC6 30/25F	60177225	12.869	6"	37	50		403	380	372	362.5	352.5	340.5	323.5	301	271.5	236	193.5	115.5	2½"	124	2360	
SMC6 30/28F	60177226	14.290	6"	37	50		451.5	425.5	416.5	405.5	394.5	381.5	362	337	304	264.5	216.5	129	2½"	138	2608	

SMC 6

6" SUBMERSIBLE ELECTRIC PUMPS



SMC 6 45 HYDRAULICS

MODEL	HYDRAULICS CODE	PRICE € HYDRAULICS	MOTOR ACC.	ELECTRICAL DATA		HYDRAULIC DATA														DNM GAS	WEIGHT KG	H mm
				P2 NOMINAL REQUIRED	Q=m³/h	0	12	18	24	30	36	42	45	48	54	60	66					
					kW	HP	Q=l/min	0	200	300	400	500	600	700	750	800	900	1000	1100			
SMC6 45/3H	60177227	2.674	4"	4	5.5	H (m)	39	35.5	33.5	32	30.5	28.5	26	24.5	23	18.5	14	9	3"	26	664	
SMC6 45/4H	60177228	3.184	4"	5.5	7.5		52	47.5	45	43	41	38.5	35	33	30.5	25.5	19	13	3"	31	773	
SMC6 45/5G	60177229	3.608	6"	7.5	10		70	64	61.5	59.5	57	54	49.5	47	44	37.5	29.5	20	3"	37	888	
SMC6 45/6F	60177230	4.118	6"	9.2	12.5		85.5	78.5	75	72.5	69.5	66	60.5	57.5	53.5	45	35	24.5	3"	42	1003	
SMC6 45/7E	60177231	4.625	6"	11	15		101	95.5	92	89	85	80	72.5	68.5	64	53.5	41.5	28.5	3"	47	1118	
SMC6 45/8E	60177232	5.137	6"	13	17.5		116	110	106.5	103	99	93	85	80.5	75	63	48	31.5	3"	53	1233	
SMC6 45/10F	60177233	6.155	6"	15	20		140.5	130	124.5	119.5	114.5	108	99	93.5	87.5	73.5	57	39.5	3"	64	1463	
SMC6 45/11F	60177234	6.664	6"	18.5	25		154.5	143	137	131.5	125.5	118.5	108.5	102.5	96	80.5	62.5	43.5	3"	69	1578	
SMC6 45/12F	60177236	7.181	6"	18.5	25		168.5	156	149	143.5	137	129.5	118.5	112	104.5	87.5	68	47	3"	74	1693	
SMC6 45/13F	60177237	7.682	6"	22	30		182.5	168.5	161.5	155.5	148.5	140	128	121	113	95	73.5	51	3"	80	1808	
SMC6 45/14E	60177238	8.194	6"	22	30		201.5	190.5	183.5	177	169	159	144.5	136	126.5	105.5	81.5	57	3"	85	1923	
SMC6 45/17F	60177239	9.728	6"	26	35		238.5	220.5	211	203	194	183	167.5	158	147.5	123.5	95.5	66	3"	101	2268	
SMC6 45/20F	60177240	11.254	6"	30	40		280.5	259.5	248.5	238.5	228	215	196.5	186	173.5	145.5	112	75	3"	117	2613	
SMC6 45/22G	60177241	12.276	6"	37	50		308	284.5	274	263	250	234	212.5	200.5	187	157	121	78.5	3"	128	2843	
SMC6 45/24F	60177242	13.292	6"	37	50		336.5	311	298	286	273.5	258	236	222.5	208	174	134.5	93	3"	139	3073	

SMC 6 60 HYDRAULICS

MODEL	HYDRAULICS CODE	PRICE € HYDRAULICS	MOTOR ACC.	ELECTRICAL DATA		HYDRAULIC DATA														DNM GAS	WEIGHT KG	H mm
				P2 NOMINAL REQUIRED	Q=m³/h	0	18	30	36	42	48	54	60	66	72	78	84					
				kW	HP	Q=l/min	0	300	500	600	700	800	900	1000	1100	1200	1300	1400				
SMC6 60/2G	60177243	2.442	4"	4	5.5	H(m)	26.5	24.5	23.5	22.5	21.5	20	18.5	16	14	11	8	5	3"	21	549	
SMC6 60/3G	60177244	3.008	4"	5.5	7.5		39.5	37	35.5	34	32.5	30.5	28	24.5	21	17	13	8	3"	26	664	
SMC6 60/4G	60177245	3.495	6"	7.5	10		52	50.5	48.5	47	45	42	39	34.5	30	25	19.5	13	3"	31	773	
SMC6 60/5G	60177246	4.060	6"	9.2	12.5		65	63	60.5	58.5	56	52.5	48.5	43	37	31	24	16	3"	37	888	
SMC6 60/6G	60177247	4.633	6"	11	15		78	75.5	72.5	70	67.5	63	58	51.5	44.5	36.5	28	18.5	3"	42	1003	
SMC6 60/7E	60177248	5.208	6"	13	17.5		94.5	89	83.5	81	77.5	72.5	67	59.5	51	42	32	22.5	3"	47	1118	
SMC6 60/8E	60177249	5.780	6"	15	20		108	101.5	95.5	92.5	88.5	83	76.5	68	58.5	47.5	36.5	25.5	3"	53	1233	
SMC6 60/9E	60177250	6.354	6"	18.5	25		121.5	114	107.5	104	99.5	93	86	76	65.5	53.5	41	28	3"	58	1348	
SMC6 60/10E	60177251	6.920	6"	18.5	25		135	126.5	119.5	115.5	110.5	103.5	95.5	84.5	72.5	59	45	31	3"	64	1463	
SMC6 60/11E	60177252	7.492	6"	22	30		148	139.5	131.5	127	121.5	113.5	104.5	93	79.5	65	49.5	34	3"	69	1578	
SMC6 60/12E	60177253	8.066	6"	22	30		161.5	152	143	138.5	132.5	124	114	101	87	70.5	54	36.5	3"	74	1693	
SMC6 60/14E	60177254	9.205	6"	26	35		188.5	178.5	169.5	163.5	156.5	146	134	119.5	103.5	85.5	66.5	44.5	3"	85	1923	
SMC6 60/16E	60177255	10.349	6"	30	40		215.5	204	193.5	187	178.5	166.5	153	136.5	118	97.5	75.5	50.5	3"	96	2153	
SMC6 60/18F	60177256	11.497	6"	37	50		238	225	213.5	206	196.5	183	167	148.5	128	105	80	52.5	3"	106	2383	
SMC6 60/20E	60177257	12.636	6"	37	50		269.5	255	242	233.5	223	208	191.5	170	147	121.5	94	62.5	3"	117	2613	
SMC6 60/24E	60177258	14.922	6"	45	60		323.5	306	290	280	267.5	249.5	229.5	204	176.5	145.5	112	74.5	3"	139	3073	

6GF, 6GX

6" SUBMERSIBLE MOTORS



6" Submersible motors designed for pressurization, gardening and irrigation, groundwater in civil and commercial installations and for the use of water in irrigation systems, including in agriculture.

Model 6GX:

- built in AISI 316 stainless steel.
- equipped with a SiC/SiC mechanical seal.

Model 6GF:

- built in AISI 304 with cathaphoresis-treated cast iron for the part immersed in water.

Built-in resin-coated stator. Cooling and lubrication through a mixture of water and glycol.

Combined with the hydraulics, it can draw water from pits of at least 6" (or tanks and cisterns).

Single-phase versions to be combined with an external panel integrating the capacitor and thermo-amperometric protection with manual reset.

Different versions available, with provision for installation of PT100 or PTC temperature sensor, also available with star-delta starting.

Flanging NEMA 6".

Insulation class F.

Protection degree IP68.

Cooling flow speed min. 0.3 m/s 35°C.

Line supply tolerance +6% / -10%.

Maximum number of starts per hour 25/h.

Maximum operating depth 300 m.

Horizontal operation 5.5 HP - 50 HP.

On request Different cable lengths, different supply voltages, single-phase version (up to 15 HP).



6GF SINGLE PHASE PSC

MODEL	STANDARD		P2 (HP)	P2 kW	POWER SUPPLY 50 Hz	IN (A)	Is/In	P1 (W)	N (min ⁻¹)	Cos φ	η %	CABLE	
	CODE	PRICE €										Ø mm ²	LC (m)
6GF 3,7 KW	60169086	2.962	5	3.7	1 x 230 V ~	25	4.4	5100	2830	0.98	73	4X6	4
6GF 5,5 KW	60169088	3.331	7.5	5.5	1 x 230 V ~	33.5	4	7450	2830	0.98	74	4X6	4
6GF 7,5 KW	60169089	3.893	10	7.5	1 x 230 V ~	44	3.8	9900	2820	0.99	76	4X8	4
6GF 11 KW	60169090	4.130	15	11	1 x 230 V ~	65	3.9	14200	2820	0.99	77	4X8	4

6GF, 6GX - DIRECT STARTING

MODEL	STANDARD		MODEL	AISI 316		P2 (HP)	P2 kW	POWER SUPPLY 50 Hz	IN (A)	Is/In	P1 (W)	N (min ⁻¹)	Cos φ	η %	CABLE	
	CODE	PRICE €		CODE	PRICE €										Ø mm ²	LC (m)
6GF - 4 KW	0605500	2.324	6GX - 4 KW	60141626	3.999	5.5	4	3 x 400 V ~	10.6	4.1	5290	2845	0.75	76	4x4	4
6GF - 5.5 KW	0607500	2.404	6GX - 5.5 KW	60141627	4.220	7.5	5.5	3 x 400 V ~	14	4.6	7270	2845	0.75	76	4x4	4
6GF - 7.5 KW	0610000	2.534	6GX - 7.5 KW	60121376	4.441	10	7.5	3 x 400 V ~	18	4.1	9550	2840	0.78	78	4x4	4
6GF - 9.2 KW	0612500	2.714	6GX - 9.2 KW	60141628	4.633	12.5	9.2	3 x 400 V ~	22	3.9	11460	2840	0.8	80	4x4	4
6GF - 11 KW	0615000	2.848	6GX - 11 KW	60131136	4.781	15	11	3 x 400 V ~	25.5	4.4	13860	2840	0.82	79	4x4	4
6GF - 13 KW	60179200	3.158	6GX - 13 KW	60180702	5.003	17.5	13	3 x 400 V ~	29	4.6	16100	2840	0.8	81	4x4	4
6GF - 15 KW	0620000	3.330	6GX - 15 KW	60141629	5.282	20	15	3 x 400 V ~	33.4	4.8	17960	2840	0.8	83	4x4	4
6GF - 18.5 KW	0625000	3.535	6GX - 18.5 KW	60141630	5.504	25	18.5	3 x 400 V ~	41	5.2	22300	2845	0.8	83	4x4	4
6GF - 22 KW	0630000	3.970	6GX - 22 KW	60141631	5.872	30	22	3 x 400 V ~	47	5.1	26500	2825	0.84	83	4x4	4
6GF - 26 KW	0635000	4.540	6GX - 26 KW	60206801	6.373	35	26	3 x 400 V ~	57	4.9	31100	2830	0.83	84	4X8	4
6GF - 30 KW	0640000	5.113	6GX - 30 KW	60141632	6.862	40	30	3 x 400 V ~	61.5	4.6	35130	2830	0.85	85	4x8	4
6GF - 37 KW	0650000	7.097	6GX - 37 KW	60141633	8.879	50	37	3 x 400 V ~	79.3	3.7	44200	2830	0.84	82	4x8	4
6GF - 45 KW	0660000	9.370	6GX - 45 KW	60174647	11.027	60	45	3 x 400 V ~	95	5.5	55000	2840	0.83	82	4x8	4

3 X 230 V voltages up to 22 kW available on request
SUPPLIED WITH 1 CABLE

6GF, 6GX

6" SUBMERSIBLE MOTORS



6GF, 6GX - DIRECT STARTING WITH PT100

MODEL	STANDARD		MODEL	AISI 316		P2 (HP)	P2 kW	POWER SUPPLY 50 Hz	IN (A)	Is/In	P1 (W)	N (min ⁻¹)	Cos φ	η %	CABLE	
	CODE	PRICE €		CODE	PRICE €										Ø mm ²	LC (m)
6GF - 4 KW	60161726	2.702	6GX - 4 KW	60199842	4.378	5.5	4	3x400V~	10.6	4.1	5290	2845	0.75	76	4x4	4
6GF - 5.5 KW	60161727	2.780	6GX - 5.5 KW	60199843	4.597	7.5	5.5	3x400V~	14	4.6	7270	2845	0.75	76	4x4	4
6GF - 7.5 KW	60161728	2.911	6GX - 7.5 KW	60199844	4.819	10	7.5	3x400V~	18	4.1	9550	2840	0.78	78	4x4	4
6GF - 9.2 KW	60161729	3.091	6GX - 9.2 KW	60199845	5.011	12.5	9.2	3x400V~	22	3.9	11460	2840	0.8	80	4x4	4
6GF - 11 KW	60161730	3.224	6GX - 11 KW	60199846	5.157	15	11	3x400V~	25.5	4.4	13860	2840	0.82	79	4x4	4
6GF - 13 KW	60202137	3.534	6GX - 13 KW	60199847	5.380	17.5	13	3x400V~	29	4.6	16100	2840	0.8	81	4x4	4
6GF - 15 KW	60161731	3.707	6GX - 15 KW	60199848	5.660	20	15	3x400V~	33.4	4.8	17960	2840	0.8	83	4x4	4
6GF - 18.5 KW	60121906	3.913	6GX - 18.5 KW	60199849	5.882	25	18.5	3x400V~	41	5.2	22300	2845	0.8	83	4x4	4
6GF - 22 KW	60161733	4.347	6GX - 22 KW	60199850	6.251	30	22	3x400V~	47	5.1	26500	2825	0.84	83	4x4	4
6GF - 26 KW	60202138	4.919	6GX - 26 KW	-	-	35	26	3x400V~	57	4.9	31100	2830	0.83	84	4X8	4
6GF - 30 KW	60121907	5.489	6GX - 30 KW	60199851	7.239	40	30	3x400V~	61.5	4.6	35130	2830	0.85	85	4x8	4
6GF - 37 KW	60121908	7.474	6GX - 37 KW	60199852	9.257	50	37	3x400V~	79.3	3.7	44200	2830	0.84	82	4x8	4
6GF - 45 KW	60202139	9.747	6GX - 45 KW	60199853	11.405	60	45	3x400V~	95	5.5	55000	2840	0.83	82	4x8	4

Supplied with 1 cable.

3 X 230 V voltages up to 22 kW available on request

6GF, 6GX - STAR/DELTA STARTING

MODEL	STANDARD		MODEL	AISI 316		P2 (HP)	P2 kW	POWER SUPPLY 50 Hz	IN (A)	Is/In	P1 (W)	N (min ⁻¹)	Cos φ	η %	CABLE	
	CODE	PRICE €		CODE	PRICE €										Ø mm ²	LC (m)
6GF - 4 KW	0605620	2.528	6GX - 4 KW	60141634	4.196	5.5	4	3x400V~	10.6	4.1	5290	2845	0.75	76	4x4	4
6GF - 5.5 KW	0607510	2.605	6GX - 5.5 KW	60141635	4.416	7.5	5.5	3x400V~	14	4.6	7270	2845	0.75	76	4x4	4
6GF - 7.5 KW	0611750	2.736	6GX - 7.5 KW	60141636	4.642	10	7.5	3x400V~	18	4.1	9550	2840	0.78	78	4x4	4
6GF - 9.2 KW	0614000	2.914	6GX - 9.2 KW	60141637	4.832	12.5	9.2	3x400V~	22	3.9	11460	2840	0.8	80	4x4	4
6GF - 11 KW	0617500	3.052	6GX - 11 KW	60141638	4.979	15	11	3x400V~	25.5	4.4	13860	2840	0.82	79	4x4	4
6GF - 13 KW	60180703	3.272	6GX - 13 KW	60180704	5.243	17.5	13	3x400V~	29	4.6	16100	2840	0.8	81	4x4	4
6GF - 15 KW	0622500	3.532	6GX - 15 KW	60141639	5.481	20	15	3x400V~	33.4	4.8	17960	2840	0.8	83	4x4	4
6GF - 18.5 KW	0627500	3.774	6GX - 18.5 KW	60141640	5.744	25	18.5	3x400V~	41	5.2	22300	2845	0.8	83	4x4	4
6GF - 22 KW	0632400	4.210	6GX - 22 KW	60133153	6.114	30	22	3x400V~	47	5.1	26500	2825	0.84	83	4x4	4
6GF - 30 KW	0642500	5.477	6GX - 30 KW	60141641	7.224	40	30	3x400V~	61.5	4.6	35130	2830	0.85	85	4x8	4
6GF - 37 KW	0650005	7.457	6GX - 37 KW	60141642	9.241	50	37	3x400V~	79.3	3.7	44200	2830	0.84	82	4x8	4
6GF - 45 KW	60174646	9.731	6GX - 45 KW	60174648	11.390	60	45	3x400V~	95	5.5	55000	2840	0.83	82	4x8	4

Supplied with 2 cables.

3 X 230 V voltages up to 22 kW available on request

6GF HEAVY DUTY

6" SUBMERSIBLE MOTORS



6" Submersible motor made of AISI 304 and cathaphoresis-treated cast iron.
Resin-coated stator.
Cooling and lubrication ensured by a mixture of water and glycol.
6GF Heavy Duty motors are designed for installations in very deep pits.
Variable frequency drive support (30 Hz - 50 Hz).
Available with direct or star-delta starting, protection must be provided by the user, available with additional PT100 or PTC temperature sensor.

Maximum operating depth 300 m.
Flanging NEMA 6".
Maximum number of starts per hour 25/h.
Protection degree IP68.
Insulation class F.
Cooling flow speed min. 0.3 m/s 35°C.
Max axial thrust 50 kN.
Three-phase power supply 3x400 V 50 Hz / 3x460 V 60 Hz.
Line supply tolerance +6% / -10%.
Power cable 4 m.
Type of installation possible Vertical.
Special versions available on request
Available with additional PT100 or PTC temperature sensor. Voltage and power cables of different lengths.
Certificates ACS, WRAS and KTW certified cable.



6GF, 6GX - DIRECT STARTING

MODEL	STANDARD		P2 (HP)	P2 kW	POWER SUPPLY 50 Hz	IN (A)	Is/In	P1 (W)	N (min ⁻¹)	Cos φ	η %	CABLE	
	CODE	PRICE €										Ø mm ²	LC (m)
6GF - 22 KW HEAVY DUTY	60202069	4.565	30	22	3x400 V ~	47	5.1	26500	2825	0.84	83	4x6	4
6GF - 30 KW HEAVY DUTY	60202070	5.708	40	30	3x400 V ~	61.5	4.6	35500	2830	0.85	85	4x8	4
6GF - 37 KW HEAVY DUTY	60202071	7.707	50	37	3x400 V ~	79.3	3.7	45000	2830	0.84	82	4x8	4
6GF - 45 KW HEAVY DUTY	60202072	9.968	60	45	3x400 V ~	95	5.5	55000	2840	0.83	82	4x8	4



MECHANICAL SEAL
Sic Sic for the entire range,
reinforced upper support



HEAVY DUTY THRUST BEARING,
high axial load 50kN



IMPROVED DIAPHRAGM
new design and stronger material
for increased reliability

TR 6

6" SUBMERSIBLE MOTORS



6" Rewindable submersible motor.

Designed for pressurization, groundwater and in agricultural irrigation systems.

Motor liner in AISI 304 stainless steel.

Rewindable stator available with PE2+PA windings allowing the motor to be used in special applications and/or with variable frequency drives.

Cooling and lubrication through a mixture of water and glycol. Rotor mounted on a Mitchell thrust bearing unit to support high axial loads.

Only available in three-phase version with provision for installation of PT100 or PTC temperature sensor. Versions with direct or star/delta starting, supplied with 5 m single-core cables directly connected to the winding and earthing cable. WRAS and ACS certified cables.

Electrical protection must be provided by the user.

Available in AISI 316 stainless steel, TR 6 N version, and AISI 904 stainless steel, TR 6 R version.

Motor to be combined with a pump body.

Flanging NEMA 6".

Protection degree IP68.

Cooling flow speed 0.5 m/s.

Line supply tolerance +6% / -10%.

Maximum number of starts per hour 15/h.

Maximum operating depth 300 m.

Horizontal operation 5.5 HP - 50 HP.



DIRECT STARTING

MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	POWER SUPPLY 50 Hz	IN (A)	Is/In	N (min ⁻¹)	CABLE	
	PE2 + PA		PE2 + PA								Ø mm²	LC (m)
	CODE	PRICE €	CODE	PRICE €								
TR607 - 5,5 KW	60146662	3.824	60146684	4.959	7.5	5.5	3x400 V~	13.7	3.5	2870	4x6	5
TR610 - 7,5 KW	60146663	3.952	60146685	5.117	10	7.5	3x400 V~	18.2	3.6	2860	4x6	5
TR612 - 9,2 KW	60146664	4.081	60146686	5.293	12.5	9.2	3x400 V~	21.7	3.5	2850	4x6	5
TR615 - 11 KW	60146665	4.148	60146687	5.377	15	11	3x400 V~	26.2	3.7	2860	4x6	5
TR617 - 13KW	60146667	4.364	60146688	5.658	17.5	13	3x400 V~	30.5	3.8	2850	4x6	5
TR620 - 15 KW	60146668	4.633	60146689	6.006	20	15	3x400 V~	34.8	4.2	2860	4x6	5
TR625 - 18,5 KW	60146669	5.211	60146690	6.760	25	18.5	3x400 V~	41.4	4.5	2860	4x6	5
TR630 - 22 KW	60146670	5.808	60146691	7.527	30	22	3x400 V~	49	5.5	2880	4x6	5
TR635 - 26 KW	60146671	6.276	60146692	8.136	35	26	3x400 V~	58.1	5.7	2880	4x6	5
TR640 - 30 KW	60146672	6.733	60146693	8.695	40	30	3x400 V~	64.9	5	2870	4x10	5
TR650 - 37 KW	60146673	7.298	60146694	9.444	50	37	3x400 V~	80.5	5.1	2860	4x10	5
TR660 - 45 KW	60161601	8.388	60164305	11.623	60	45	3x400 V~	93.1	5.1	2825	4x10	5

Supplied with 1 cable.

STAR/DELTA STARTING

MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	POWER SUPPLY 50 Hz	IN (A)	Is/In	N (min ⁻¹)	CABLE	
	PE2 + PA		PE2 + PA								Ø mm²	LC (m)
	CODE	PRICE €	CODE	PRICE €								
TR617 - 13KW	60146676	4.532	-	-	17.5	13	3x400 V~	30.5	3.8	2850	4x6	5
TR620 - 15 KW	60146677	4.798	60146697	6.175	20	15	3x400 V~	34.8	4.2	2860	4x6	5
TR625 - 18,5 KW	60146678	5.383	60146698	6.927	25	18.5	3x400 V~	41.4	4.5	2860	4x6	5
TR630 - 22 KW	60146679	5.972	60146699	7.694	30	22	3x400 V~	49	5.5	2880	4x6	5
TR635 - 26 KW	60146681	6.545	60146700	8.405	35	26	3x400 V~	58.1	5.7	2880	4x6	5
TR640 - 30 KW	60146682	7.002	60146701	8.962	40	30	3x400 V~	64.9	5	2870	4x6	5
TR650 - 37 KW	60146683	7.561	60146702	9.710	50	37	3x400 V~	80.5	5.1	2860	4x6	5
TR660 - 45 KW	60164307	8.657	60164306	11.077	60	45	3x400 V~	93.1	5.1	2825	4x6	5

Supplied with 2 cables.

SS 7

7" SUBMERSIBLE ELECTRIC PUMPS



Submersible **semi-axial** multistage electric pumps for 7" or larger pits, capable of generating a wide range of flow rates. Designed for lifting, distribution and pressurization in civil and industrial water systems, autoclave and cistern feeding, firefighting and washing systems, irrigation systems. Application in clean, non-aggressive water free of solids or abrasives.

Pump design features

Pump body and impellers in AISI 304 or AISI 316 pressed steel. Pump equipped with a low pressure drop non-return valve.

For variable frequency drive operation please refer to the specifications of the coupled motor.

Operating range 110 m³/h with head up to 423 m.

Maximum permitted quantity of sand 50g/m³.

Maximum ambient temperature 30°C (50°C available on request).

Delivery (Threaded) 5".

Coupled with 6" or 8" motors depending on the power required by the hydraulics and available in standard or stainless steel version:

6GF: 6" built-in submersible motor.

TR 6: 6" rewindable submersible motor.

TR 8: 8" rewindable submersible motor.

SS 7A HYDRAULICS

MODEL	STANDARD		AISI 316		MOTOR ACC.	ELECTRICAL DATA		HYDRAULIC DATA										DNM GAS	WEIGHT KG	H mm	
	HYDRAULICS CODE	PRICE € HYDRAULICS	HYDRAULICS CODE	PRICE € HYDRAULICS		P2 NOMINAL REQUIRED		Q=m³h	0.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0				100.0
						kW	HP	Q=l/sec	0.0	5.6	8.3	11.1	13.9	16.7	19.4	22.2	25				27.8
SS7A 01	60167429	1.623	60197319	2.899	6"	4	5.5	H (m)	19	19	18	17	16	15	14	12	11	8	5"	26	571
SS7A 02	60167430	1.873	60198890	3.343	6"	7.5	10		38	37	36	34	32	30	28	25	21	17	5"	30	699
SS7A 03	60167431	2.123	60201847	3.787	6"	11	15		58	56	54	51	49	45	42	37	32	25	5"	34	827
SS7A 04	60167432	2.373	60201848	4.230	6"	15	20		77	74	72	69	65	61	56	50	42	33	5"	38	955
SS7A 05	60167433	2.608	60201849	4.655	6"	18.5	25		96	93	90	86	81	76	69	62	53	41	5"	42	1083
SS7A 06	60167434	2.856	60201850	5.096	6"	22	30		115	111	108	103	97	91	83	74	63	50	5"	46	1211
SS7A 07	60168018	3.159	60201851	5.638	6"	26	35		135	130	126	120	114	106	97	87	74	58	5"	50	1339
SS7A 08	60167435	3.439	60201852	6.137	6"	30	40		154	149	144	137	130	121	111	99	84	66	5"	54	1467
SS7A 09	60168019	3.746	60201853	6.679	6"	37	50		173	167	161	154	146	136	125	111	95	75	5"	58	1595
SS7A 10	60167436	4.047	60201854	7.222	6"	37	50		192	186	179	172	162	152	139	124	105	83	5"	62	1723
SS7A 11	60168025	4.383	60201855	7.813	8"	45	60		211	204	197	189	179	167	153	136	116	91	5"	66	1851
SS7A 12	60167437	4.712	60201857	8.408	8"	45	60		231	223	215	206	195	182	167	149	127	99	5"	70	1979
SS7A 13	60168026	5.061	60201883	9.023	8"	55	75		250	241	233	223	211	197	181	161	137	108	5"	74	2107
SS7A 14	60168027	5.405	60201884	9.644	8"	55	75		269	260	251	240	227	212	195	173	148	116	5"	78	2235
SS7A 15	60167438	5.738	60201885	10.230	8"	55	75		288	278	269	257	244	227	208	186	158	124	5"	82	2363
SS7A 16	60168028	6.071	60201886	10.830	8"	63	85		307	297	287	275	260	243	222	198	169	133	5"	86	2491
SS7A 17	60168029	6.376	60201887	11.372	8"	75	100		327	316	305	292	276	258	236	210	179	141	5"	89	2619
SS7A 18	60168030	6.652	60201888	11.867	8"	75	100		346	334	323	309	292	273	250	223	190	149	5"	93	2747
SS7A 19	60168031	6.931	60193850	12.357	8"	75	100		365	353	341	326	309	288	264	235	200	158	5"	97	2875
SS7A 20	60168032	7.014	60201889	12.507	8"	75	100		384	371	359	343	325	303	278	248	211	166	5"	101	3003
SS7A 21	60168033	7.153	60201890	12.753	8"	75	100		404	390	377	360	341	318	292	260	221	174	5"	105	3131
SS7A 22	60168034	7.374	60201891	13.153	8"	92	125		423	408	395	378	357	334	306	272	232	182	5"	109	3259

SS 7

7" SUBMERSIBLE ELECTRIC PUMPS



SS 7B HYDRAULICS

MODEL	STANDARD		AISI 316		MOTOR ACC.	ELECTRICAL DATA		HYDRAULIC DATA												DNM GAS	WEIGHT KG	H mm
	HYDRAULICS CODE	PRICE € HYDRAULICS	HYDRAULICS CODE	PRICE € HYDRAULICS		P2 NOMINAL REQUIRED		Q=m³/h	0.0	20.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	115				
						KW	HP	Q=l/sec	0.0	5.6	11.1	13.9	16.7	19.4	22.2	25	27.8	31.9				
SS7B 01	60168045	1.637	60188350	2.920	6"	5.5	7.5	H (m)	21	21	20	20	19	18	17	16	14	11	5"	26	571	
SS7B 02	60167460	1.942	60199191	3.462	6"	11	15		43	43	41	39	38	36	34	32	28	21	5"	30	699	
SS7B 03	60167461	2.248	60197156	4.010	6"	15	20		64	64	61	59	56	54	51	47	43	32	5"	34	827	
SS7B 04	60168035	2.553	60201896	4.554	6"	22	30		85	86	81	78	75	72	68	63	57	43	5"	38	955	
SS7B 05	60167462	2.803	60201897	4.999	6"	30	40		106	107	101	98	94	90	85	79	71	54	5"	42	1083	
SS7B 06	60167463	3.049	60201898	5.441	6"	37	50		128	128	122	117	113	108	102	95	85	64	5"	46	1211	
SS7B 07	60168036	3.327	60201899	5.936	6"	37	50		149	150	142	137	132	126	119	111	100	75	5"	50	1339	
SS7B 08	60167464	3.662	60201900	6.532	8"	45	60		170	171	162	156	150	144	136	126	114	86	5"	54	1467	
SS7B 09	60168037	3.940	60201901	7.022	8"	45	60		192	193	183	176	169	162	153	142	128	96	5"	58	1595	
SS7B 10	60167482	4.297	60201902	7.666	8"	55	75		213	214	203	196	188	180	170	158	142	107	5"	62	1723	
SS7B 11	60168038	4.550	60201903	8.108	8"	63	85		234	235	223	215	207	197	187	174	157	118	5"	66	1851	
SS7B 12	60167483	4.797	60201904	8.558	8"	75	100		256	257	243	235	225	215	204	190	171	128	5"	70	1979	
SS7B 13	60168039	5.103	60201905	9.099	8"	75	100		277	278	264	254	244	233	221	206	185	139	5"	74	2107	
SS7B 14	60168040	5.450	60201906	9.715	8"	75	100		298	300	284	274	263	251	238	221	199	150	5"	78	2235	
SS7B 15	60168041	5.726	60201907	10.213	8"	92	125		319	321	304	293	282	269	255	237	214	161	5"	82	2363	
SS7B 16	60168042	5.988	60201908	10.684	8"	92	125		341	342	325	313	301	287	272	253	228	171	5"	86	2491	
SS7B 17	60168043	6.236	60201909	11.126	8"	92	125		362	364	345	332	319	305	289	269	242	182	5"	90	2619	
SS7B 18	60168044	6.570	60201910	11.715	8"	110	150		383	385	365	352	338	323	306	285	256	193	5"	94	2747	
SS7B 19	60168046	6.875	60201911	12.258	8"	110	150		405	407	385	372	357	341	323	300	271	203	5"	98	2875	
SS7B 20	60168047	7.127	60201912	12.707	8"	110	150		426	428	406	391	376	359	340	316	285	214	5"	102	3003	

DAB SERVICES

HEATING AND AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER SETS

END SUCTION AND VERTICAL MULTISTAGE PUMPS

DRAINAGE AND SEWAGE

GROUNDWATER AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

SS 8

8" SUBMERSIBLE ELECTRIC PUMPS



Submersible **semi-axial** multistage electric pumps for 8" or larger pits, capable of generating a wide range of flow rates. Designed for lifting, distribution and pressurization in civil and industrial water systems, autoclave and cistern feeding, firefighting and washing systems, irrigation systems. Application in clean, non-aggressive water free of solids or abrasives.

Pump design features

Pump body and impellers in AISI 304 or AISI 316 pressed steel. Pump equipped with a low pressure drop non-return valve.

For variable frequency drive operation please refer to the specifications of the coupled motor.

Operating range 210 m³/h with head up to 555 m.

Maximum permitted quantity of sand 50g/m³.

Maximum ambient temperature 30°C (50°C available on request).

Delivery (Threaded) 6".

Coupled with 6", 8" or 10" motors depending on the power required by the hydraulics and available in standard or stainless steel version:

6GF: 6" built-in submersible motor.

TR 6: 6" rewindable submersible motor.

TR 8: 8" rewindable submersible motor.

TR 10: 10" rewindable submersible motor.

SS 8A HYDRAULICS

MODEL	STANDARD		AISI 316		MOTOR ACC.	ELECTRICAL DATA		HYDRAULIC DATA														DNM GAS	WEIGHT KG	H mm
	HYDRAULICS CODE	PRICE € HYDRAULICS	HYDRAULICS CODE	PRICE € HYDRAULICS		P2 NOMINAL REQUIRED		Q=m³/h	0	30	70	80	90	100	110	120	130	140						
						KW	HP	Q=l/sec	0	8.3	19.4	22.2	25	27.8	30.6	33.3	36.1	38.9						
SS8A 01	60168101	2.773	60192472	4.944	6"	7.5	10	H (m)	28	26	23	22	21	20	18	16	15	12	6"	32	686			
SS8A 02	60168102	3.132	60192473	5.591	6"	15	20		56	52	46	44	42	39	36	33	29	24	6"	38	842			
SS8A 03	60168103	3.550	60199300	6.326	6"	22	30		83	78	69	66	63	59	54	49	44	37	6"	45	997			
SS8A 04	60168104	4.130	60201958	7.367	6"	30	40		111	104	91	88	83	78	73	66	58	49	6"	51	1153			
SS8A 05	60168105	4.603	60201975	8.208	6"	37	50		139	129	114	110	104	98	91	82	73	61	6"	57	1309			
SS8A 06	60168106	5.019	60195645	8.955	8"	45	60		167	155	137	131	125	118	109	99	87	73	6"	64	1465			
SS8A 07	60168107	5.768	60179815	10.286	8"	55	75		194	181	160	153	146	137	127	115	102	86	6"	70	1620			
SS8A 08	60168108	6.265	60201976	11.172	8"	63	85		222	207	183	175	167	157	145	132	116	98	6"	76	1776			
SS8A 09	60168109	6.893	60201977	12.285	8"	75	100		250	233	206	197	188	176	163	148	131	110	6"	83	1932			
SS8A 11	60168117	7.919	60201981	14.118	8"	92	125		305	285	252	241	229	216	200	181	160	135	6"	95	2243			
SS8A 12	60168118	8.426	60179331	15.030	8"	92	125		333	311	274	263	250	235	218	198	174	147	6"	101	2399			
SS8A 13	60168119	9.148	60184117	16.316	8"	92	125		361	337	297	285	271	255	236	214	189	159	6"	108	2554			
SS8A 14	60168120	9.760	60201982	17.401	8"	110	150		389	362	320	307	292	274	254	231	203	171	6"	114	2710			
SS8A 15	60168121	10.342	60174845	18.438	8"	110	150		416	388	343	329	313	294	272	247	218	184	6"	120	2866			
SS8A 16	60168128	10.925	60201983	19.479	10"	132	180		444	414	366	351	333	313	290	264	232	196	6"	127	3022			
SS8A 17	60168129	11.505	60175211	20.518	10"	132	180		472	440	389	373	354	333	309	280	247	208	6"	133	3177			
SS8A 18	60168130	12.087	60201984	21.549	10"	132	180		500	466	412	394	375	353	327	297	262	220	6"	139	3333			
SS8A 19	60168131	12.668	60201985	22.590	10"	147	200		527	492	435	416	396	372	345	313	276	233	6"	145	3489			
SS8A 20	60168132	13.253	60201986	23.627	10"	147	200		555	518	457	438	417	392	363	330	291	245	6"	152	3644			

SS 8

8" SUBMERSIBLE ELECTRIC PUMPS



SS 8B HYDRAULICS

MODEL	STANDARD		AISI 316		MOTOR ACC.	ELECTRICAL DATA		HYDRAULIC DATA										DNM GAS	WEIGHT KG	H mm	
	HYDRAULICS CODE	PRICE € HYDRAULICS	HYDRAULICS CODE	PRICE € HYDRAULICS		P2NOMINAL REQUIRED		Q=m³h	0	40	70	90	120	130	140	150	160				170
						KW	HP	Q=l/sec	0	11.1	19.4	25	33.3	36.1	38.9	41.7	44.4				47.2
SS8B 01.B1	60168135	2.773	60201991	4.944	6"	9.3	12.5	H (m)	27	25	23	22	19	18	17	16	14	12	6"	32	686
SS8B 01	60168136	2.773	60199296	4.944	6"	11	15		33	31	28	27	24	23	21	19	17	14	6"	32	686
SS8B 02.B2	60168137	3.132	60175523	5.591	6"	18.5	25		54	50	46	44	39	37	34	32	28	24	6"	39	842
SS8B 02	60168138	3.132	60201992	5.591	6"	22	30		65	61	57	53	48	45	42	38	34	29	6"	39	842
SS8B 03.B3	60168139	3.494	60201993	6.326	6"	30	40		80	75	70	66	58	55	52	47	42	35	6"	45	997
SS8B 03	60168140	3.550	60201994	6.326	6"	37	50		98	92	85	80	71	68	63	58	51	43	6"	45	997
SS8B 04	60168142	4.130	60201995	7.367	8"	45	60		131	122	113	107	95	90	84	77	68	58	6"	52	1153
SS8B 05.B3	60168143	4.603	60201996	8.208	8"	55	75		146	136	126	119	106	100	94	86	76	64	6"	58	1309
SS8B 05	60168144	4.603	60201997	8.208	8"	55	75		163	153	142	134	119	113	105	96	85	72	6"	58	1309
SS8B 06	60168149	5.019	60179814	8.955	8"	75	100		196	183	170	160	143	135	126	115	102	87	6"	65	1465
SS8B 07	60168151	5.768	60201998	10.286	8"	75	100		228	214	198	187	166	158	147	135	119	101	6"	71	1620
SS8B 08	60168153	6.265	60201999	11.172	8"	92	125		261	245	227	214	190	180	168	154	136	115	6"	78	1776
SS8B 09	60168154	6.893	60202000	12.285	8"	110	150		294	275	255	240	214	203	189	173	153	130	6"	84	1932
SS8B 10	60168155	7.446	60202001	13.278	8"	110	150	326	306	283	267	238	225	210	192	171	144	6"	91	2087	
SS8B 11	60168156	7.919	60202002	14.118	10"	132	180	359	336	312	294	261	248	231	211	188	159	6"	97	2243	
SS8B 12	60168157	8.426	60202003	15.030	10"	132	180	392	367	340	320	285	270	252	231	205	173	6"	104	2399	
SS8B 13	60168159	9.148	60202005	16.316	10"	147	200	424	397	368	347	309	293	273	250	222	187	6"	110	2554	

SS 8C HYDRAULICS

MODEL	STANDARD		AISI 316		MOTOR ACC.	ELECTRICAL DATA		HYDRAULIC DATA											DNM GAS	WEIGHT KG	H mm
	HYDRAULICS CODE	PRICE € HYDRAULICS	HYDRAULICS CODE	PRICE € HYDRAULICS		P2 NOMINAL REQUIRED		Q=m³h	0	50	70	90	110	130	150	170	190	210			
						KW	HP	Q=l/sec	0	13.9	19.4	25	30.6	36.1	41.7	47.2	52.8	58.3			
SS8C 01.B1	60169247	2.937	60198413	5.243	6"	9.2	12.5	H (m)	24	22	21	20	18	17	16	14	12	9	6"	34	686
SS8C 01	60168162	2.937	60199193	5.243	6"	11	15		30	28	26	24	23	22	20	18	15	11	6"	34	686
SS8C 02.B2	60169248	3.327	60199192	5.936	6"	18.5	25		48	44	42	39	37	34	32	28	23	17	6"	40	842
SS8C 02	60168163	3.327	60201413	5.936	6"	22	30		60	55	52	49	46	43	40	35	29	22	6"	40	842
SS8C 03.B3	60169249	3.715	60202007	6.624	6"	30	40		78	72	68	64	60	56	52	46	38	28	6"	47	997
SS8C 03	60168165	3.715	60179062	6.624	6"	37	50		90	83	78	73	69	65	60	53	44	32	6"	47	997
SS8C 04	60168166	4.383	60194395	7.813	8"	45	60		120	111	104	98	92	86	80	71	58	43	6"	53	1153
SS8C 05	60168167	4.895	60202008	8.730	8"	55	75		150	139	130	122	115	108	99	88	73	54	6"	60	1309
SS8C 06.B3	60169462	5.338	60202010	9.518	8"	63	85		162	150	141	132	124	116	107	95	79	58	6"	66	1465
SS8C 06	60168168	5.338	60202009	9.518	8"	75	100		180	166	156	147	138	129	119	106	88	65	6"	66	1465
SS8C 07.B3	60169463	6.130	60202012	10.929	8"	75	100		192	177	167	156	147	138	127	113	94	69	6"	73	1620
SS8C 07	60168169	6.130	60202011	10.929	8"	92	125		210	194	182	171	161	151	139	124	102	76	6"	73	1620
SS8C 08	60168170	6.766	60202013	12.065	8"	92	125		240	222	208	195	184	172	159	141	117	87	6"	79	1776
SS8C 09	60168171	7.322	60202014	13.052	8"	110	150		270	249	234	220	207	194	179	159	132	97	6"	86	1932
SS8C 10	60168172	7.904	60202015	14.090	8"	110	150		300	277	260	244	230	215	199	176	146	108	6"	92	2087
SS8C 11	60168173	8.403	60202016	14.979	10"	132	180		330	305	286	269	253	237	219	194	161	119	6"	99	2243
SS8C 12	60168174	8.967	60202017	15.991	10"	147	200	360	333	312	293	276	259	239	212	175	130	6"	105	2399	
SS8C 13	60168176	9.788	60202018	17.453	10"	147	200	390	360	338	318	299	280	258	229	190	141	6"	112	2554	
SS8C 14	60169464	12.255	60202019	18.800	10"	170	230	420	388	364	342	322	302	278	247	205	152	6"	118	2710	
SS8C 15	60169465	14.758	60202020	20.139	10"	190	260	450	416	390	366	345	323	298	265	219	162	6"	124	2866	
SS8C 16	60169466	17.264	60202021	21.486	10"	190	260	480	443	416	391	368	345	318	282	234	173	6"	131	3022	

SMC 8

8" SUBMERSIBLE ELECTRIC PUMPS



8" Semi-axial multi-impeller submersible pump with cast iron pump body.

Designed for pressurization, groundwater in civil and commercial installations and for use in irrigation systems, including in agriculture.

The SMC 8 pump allows water to be taken from pits (at least 8" in diameter), cisterns or tanks and also used in agriculture in irrigation systems.

Different impeller types are available to ensure the best efficiency at different flow rates and models with up to 18 impellers are available to cover a wide range of heads.

Threaded delivery port.

Pump equipped with a low pressure drop non-return valve.

The pump complies with DM174 for use with drinking water.

The package contains the two cable covers to be used according to the type of starter (direct or star/delta).

Coupled with 6" to 8" motors depending on the power required by the hydraulics:

6GF: 6" built-in submersible motor

TR 6: 6" rewindable submersible motor

TR 8: 8" rewindable submersible motor

For variable frequency drive operation please refer to the specifications of the coupled motor.



Operating range Up to 192 m³/h; head up to 500 m.

Maximum immersion depth Value depends on motor.

Type of liquid pumped Clean, free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

Maximum permitted quantity of sand 80g/m³.

Liquid temperature 0 °C to +30 °C.

Maximum working pressure Value depends on motor.

Flanging or threading 5".

Maximum pump diameter 203 mm.

Impeller construction material Precision cast AISI 304 stainless steel.

Pump protection degree IP68.

Single-phase power supply Not available.

Three-phase power supply 3x230 V 50 Hz / 3x400 V 50 Hz.

Power cable length and plug type Value depends on motor (all without plug).

Type of installation possible Fixed in a vertical position. Horizontal installation permitted by removing the non-return valve and installing a cooling liner (check the applicability of the motor for horizontal use in the dedicated section).

SMC 8 60 HYDRAULICS

MODEL	HYDRAULICS CODE	PRICE € HYDRAULICS	MOTOR ACC.	ELECTRICAL DATA		HYDRAULIC DATA															DNM	WEIGHT KG	H mm
				P2 NOMINAL REQUIRED	Q=m³/h	0	24	36	42	48	54	60	66	72	78	84	90						
																		kW	HP	Q=l/min			
SMC8.1 60/2T	60211508	5.154	6"	7.5	10	H(m)	48.5	46	43	41.5	39	37	34	30.5	26.5	22.5	18	13	5"	43	635		
SMC8.1 60/2M	60211509	5.154	6"	9.3	12.5		55	52	49.5	47.5	46	44	41.5	38	34.5	30.5	26	21	5"	43	635		
SMC8.1 60/2D	60211510	5.154	6"	11	15		63.5	58	55	53.5	52	50	47.5	44.5	41	36.5	32	27	5"	43	635		
SMC8.1 60/3G	60211511	6.409	6"	15	20		87	82.5	79	76.5	74	71	67	62	56.5	50.5	43.5	36	5"	53	745		
SMC8.1 60/4I	60211512	7.649	6"	18.5	25		112	106	101	98	94	89.5	84.5	78	70.5	62.5	53.5	44	5"	63	855		
SMC8.1 60/4D	60211513	7.649	6"	22	30		125	116.5	111.5	108.5	105.5	101	96.5	90	82.5	74	64.5	54	5"	63	855		
SMC8.1 60/5G	60211514	8.904	6"	26	35		149	140	134	130.5	126	121	115	107	98	87.5	76.5	64	5"	73	965		
SMC8.1 60/6G	60211515	10.152	6"	30	40		170.5	163.5	156.5	152	146.5	140.5	133	123	112	99.5	86	71	5"	83	1075		
SMC8.1 60/7E	60211516	11.399	6"	37	50		208	200	193	188	183	176	168	156	144	130	114	97	5"	93	1185		
SMC8.1 60/8E	60211517	12.655	8"	45	60		248	235	226	221	215	208	199	186	172	156	138	118	5"	103	1295		
SMC8.1 60/10E	60211518	15.149	8"	55	75		308	294	283	277	269	259	248	232	214	194	171	146	5"	123	1515		
SMC8.1 60/10D	60211519	15.149	8"	63	85		317	302	292	287	280	271	260	245	228	209	187	162	5"	123	1515		
SMC8.1 60/12C	60211520	17.652	8"	75	100		382	364	352	346	337	327	314	296	275	251	224	194	5"	143	1735		
SMC8.1 60/13D	60211521	18.899	8"	75	100		406	387	375	367	358	346	332	312	289	263	233	201	5"	153	1845		
SMC8.1 60/14D	60211522	20.155	8"	92	125		438	419	406	398	389	377	362	340	316	288	257	222	5"	163	1955		
SMC8.1 60/15D	60211523	21.402	8"	92	125		468	450	436	427	416	403	387	364	337	307	274	236	5"	173	2065		
SMC8.1 60/16D	60211524	22.651	8"	92	125		498	479	464	455	443	429	411	386	358	326	289	249	5"	183	2175		

SMC 8

8" SUBMERSIBLE ELECTRIC PUMPS



SMC 8 85 HYDRAULICS

MODEL	HYDRAULICS CODE	PRICE € HYDRAULICS	MOTOR ACC.	ELECTRICAL DATA		HYDRAULIC DATA																DNM	WEIGHT KG	H mm
				P2 NOMINAL REQUIRED	Q=m³/h	0	24	36	54	72	78	84	90	96	102	108	120							
																		kW	HP	Q=l/min	0			
SMC8.1 85/2H	60211525	5.139	6"	7.5	10	H(m)	47.5	37.5	33.5	31.5	29	27.5	25.5	23.5	21	18.5	16	9.5	5"	42	687			
SMC8.1 85/2C	60211526	6.387	6"	9.3	12.5		54.5	43	39	36.5	34.5	33.5	31.5	29.5	27.5	25	22.5	16.5	5"	42	687			
SMC8.1 85/3H	60211527	6.387	6"	11	15		71.5	56.5	50.5	47.5	44	41.5	38.5	35.5	32	28	24	14.5	5"	52	823			
SMC8.1 85/4H	60211528	7.634	6"	15	20		95	75.5	67.5	63.5	58.5	55.5	52	47.5	42.5	37.5	32	20	5"	63	959			
SMC8.1 85/5I	60211529	8.889	6"	18.5	25		117	93	82.5	77	71	67	62.5	56.5	50.5	44.5	37.5	22	5"	73	1095			
SMC8.1 85/5D	60211534	8.889	6"	22	30		128.5	103.5	93.5	88.5	83	79	74.5	68.5	62.5	55.5	48	33.5	5"	73	1095			
SMC8.1 85/6D	60211532	11.385	6"	26	35		154.5	124.5	112.5	106	99	94.5	89	82	75	67	59	40.5	5"	84	1231			
SMC8.1 85/7D	60211531	11.385	6"	30	40		177.5	143	128	120.5	113	107	101	93	84.5	75.5	66	45	5"	96	1367			
SMC8.1 85/8B	60211533	12.639	6"	37	50		214	173.5	155.5	147	138	131.5	124.5	115.5	106	95.5	84.5	60.5	5"	106	1503			
SMC8.1 85/9A	60211530	13.887	8"	45	60		250	205	185	175	165	158.5	150.5	140.5	130	118.5	106	79.5	5"	117	1639			
SMC8.1 85/11A	60211536	16.382	8"	55	75		304.5	249.5	225.5	214	202.5	194	184	171.5	158.5	144	129	95	5"	138	1911			
SMC8.1 85/12A	60211539	17.631	8"	63	85		330.5	270.5	245	232.5	220.5	211	200.5	187	172.5	157	140	102	5"	149	2047			
SMC8.1 85/14A	60211535	20.132	8"	75	100		389	316.5	286	271.5	257	246	233.5	218	201	183	163.5	120	5"	170	2319			
SMC8.1 85/15A	60211537	21.381	8"	75	100		416.5	339	306.5	291	275.5	263.5	250.5	233.5	215.5	196	175	128.5	5"	181	2455			
SMC8.1 85/16A	60211538	22.635	8"	92	125		444.5	361.5	327	310.5	294	281	267	249	230	209.5	187	137	5"	192	2591			
SMC8.1 85/17A	60211540	23.883	8"	92	125		472.5	384	347.5	330	312	298.5	284	265	244.5	222.5	198.5	146	5"	202	2727			
SMC8.1 85/18A	60211541	25.131	8"	92	125		500	407	367.5	349	330.5	316	300.5	280.5	258.5	235.5	210.5	154.5	5"	213	2863			

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

SMC 8

8" SUBMERSIBLE ELECTRIC PUMPS



SMC 8 110 HYDRAULICS

MODEL	HYDRAULICS CODE	PRICE € HYDRAULICS	MOTOR ACC.	ELECTRICAL DATA		HYDRAULIC DATA																DNM	WEIGHT KG	H mm
				P2 NOMINAL REQUIRED		Q=m³/h	0	36	66	84	96	102	108	114	120	126	138	156						
				kW	HP	Q=l/min	0	600	1100	1400	1600	1700	1800	1900	2000	2100	2300	2600						
SMC8 110/2H	60177324	4.400	6"	13	17.5	H(m)	47.5	42.5	39.5	37	35.5	34.5	33.5	32	30.5	28.5	24.5	17	5"	36	729			
SMC8 110/3G	60177325	5.328	6"	18.5	25		69.5	63	57.5	53	50.5	49	47	45	42	39.5	33	22	5"	46	886			
SMC8 110/3B	60177326	5.328	6"	22	30		76	69	64	60.5	57.5	56	54	51.5	49	46	39	27.5	5"	46	886			
SMC8 110/4F	60177327	6.263	6"	26	35		95	87.5	80.5	75.5	72	69.5	67	63.5	60	56	47.5	32.5	5"	56	1043			
SMC8 110/5I	60177443	7.199	6"	30	40		112.5	103.5	95	89	84	81.5	78	74	69.5	64.5	53.5	35.5	5"	66	1200			
SMC8 110/5F	60177444	7.199	6"	37	50		118	109.5	101.5	95.5	91	88	85	80.5	76	71	60.5	41.5	5"	66	1200			
SMC8 110/6H	60177445	8.129	6"	37	50		137.5	126	117	109.5	103.5	100	96	90.5	85	79	66	45	5"	76	1357			
SMC8 110/6F	60177446	8.129	8"	45	60		144.5	134	124.5	117.5	112	109	105.5	100.5	95	89	76	53.5	5"	76	1357			
SMC8 110/6B	60177447	8.129	8"	45	60		155.5	144	134.5	127	121	117.5	113.5	108.5	102.5	96.5	83	59.5	5"	76	1357			
SMC8 110/7C	60177448	9.063	8"	55	75		178.5	165.5	154	146	139	135	130.5	124.5	117.5	110	92.5	63.5	5"	86	1514			
SMC8 110/9L	60177449	10.927	8"	55	75		200.5	186	171.5	161.5	154	149	143	136	127.5	118.5	98.5	66	5"	106	1828			
SMC8 110/9G	60177450	10.927	8"	63	85		209	194.5	180	170	162	157	152	146	137.5	128.5	108.5	74.5	5"	106	1828			
SMC8 110/9B	60177451	10.927	8"	75	100		225.5	212	196.5	185.5	176.5	171.5	165.5	159	150.5	141	121	88	5"	106	1828			
SMC8 110/10B	60177452	11.863	8"	75	100		251	235.5	218	206	196	190.5	184	177	167.5	157	134.5	97.5	5"	116	1985			
SMC8 110/11B	60177453	12.792	8"	92	125		276	259	240	226.5	215.5	209.5	202.5	194.5	184	172.5	147.5	107.5	5"	126	2142			
SMC8 110/13E	60177454	14.663	8"	92	125	313	294	272	257	244.5	238	230	221	209	196.5	167.5	117.5	5"	146	2456				
SMC8 110/14C	60177455	16.207	8"	110	150	351	329.5	305.5	288.5	274.5	266.5	257.5	247.5	234	219.5	188	137	5"	156	2613				
SMC8 110/15C	60177456	17.137	8"	110	150	376	353	327.5	309	294	285.5	276	265.5	251	235.5	201.5	146.5	5"	166	2770				

SMC 8 135 HYDRAULICS

MODEL	HYDRAULICS CODE	PRICE € HYDRAULICS	MOTOR ACC.	ELECTRICAL DATA		HYDRAULIC DATA																DNM	WEIGHT KG	H mm
				P2 NOMINAL REQUIRED	Q=m³/h	0	36	72	96	108	120	132	144	156	168	180	192							
				kW	HP	Q=l/min	0	600	1200	1600	1800	2000	2200	2400	2600	2800	3000	3200						
SMC8 135/2M	60177457	4.386	6"	13	17.5	H(m)	47.5	42	37.5	34.5	33	30.5	28	24.5	20.5	16	12	8.5	5"	43	729			
SMC8 135/2F	60177458	4.386	6"	15	20		52	46	41	38.5	36.5	34.5	32	29	25	21	16.5	12	5"	43	729			
SMC8 135/2C	60177459	4.386	6"	18.5	25		55	48.5	43.5	41	39	37	34.5	31	27	23	19	15.5	5"	43	729			
SMC8 135/3N	60177460	5.341	6"	18.5	25		63.5	58.5	53.5	49	45.5	42	37	32	26	20	14	-	5"	55	886			
SMC8 135/3L	60177461	5.341	6"	22	30		70	64	57.5	53	50.5	47	42.5	37.5	31.5	25	19	13.5	5"	55	886			
SMC8 135/3B	60177462	5.341	6"	26	35		82.5	75	68.5	64	61	58	54.5	49.5	43	36	29.5	22	5"	55	886			
SMC8 135/4E	60177463	6.294	6"	30	40		101	90	82	76.5	72.5	68.5	63	56.5	49.5	41.5	33	24	5"	67	1043			
SMC8 135/4C	60177464	6.294	6"	37	50		106	95	88	82	78	73.5	68	61.5	54	45.5	36.5	26.5	5"	67	1043			
SMC8 135/5F	60177465	7.243	6"	37	50		121.5	111	101.5	94	89	84	77.5	69	60	50	39.5	28	5"	79	1200			
SMC8 135/5E	60177466	7.243	8"	45	60		128.5	118	108	100	95.5	90.5	84.5	77	68	58.5	47.5	35.5	5"	81	1200			
SMC8 135/6F	60177467	8.195	8"	45	60		151	135.5	125	116	110.5	104	96.5	86.5	76	64	51.5	38	5"	93	1357			
SMC8 135/7G	60177468	9.147	8"	55	75		176	159.5	147	137	130.5	123	114	102	89	75	60	44.5	5"	105	1514			
SMC8 135/7E	60177469	9.147	8"	55	75		181	164	151.5	141.5	135.5	128	119	107	94	80	65	49.5	5"	105	1514			
SMC8 135/8G	60177470	10.098	8"	63	85		201.5	182	168	156.5	149.5	140.5	130	117	102	85.5	68.5	51	5"	117	1671			
SMC8 135/9G	60177471	11.049	8"	75	100		220	200.5	185	171.5	163	153.5	141.5	127	110.5	93	74	54	5"	129	1828			
SMC8 135/9C	60177472	11.049	8"	75	100		238	219.5	201.5	187	178.5	169	158	143.5	128	110.5	91	69.5	5"	129	1828			
SMC8 135/11C	60177473	12.948	8"	92	125		291	268.5	246.5	228.5	218	206.5	193	175.5	156.5	135	111	85	5"	154	2142			
SMC8 135/13C	60177474	15.471	8"	110	150		343.5	317	291	270	258	244	228	207.5	185	159.5	131.5	100.5	5"	178	2456			

SMN 8

8" SUBMERSIBLE ELECTRIC PUMPS



8" Semi-axial multi-impeller submersible pump in AISI 316 stainless steel for clean water.

Designed for groundwater.

The SMN 8 pump is used to increase the pressure of water taken from pits (at least 8" in diameter), cisterns or tanks.

Different impeller types are available to ensure the best efficiency at different flow rates and models with up to 17 impellers are available to cover a wide range of heads.

Impellers made entirely in precision cast AISI 316 stainless steel.

Threaded delivery port.

Pump equipped with a low pressure drop non-return valve. Complies with DM174 for use with water for human consumption.

The package contains the two cable covers to be used according to the type of starter (direct or star/delta).

Operating range up to 192 m³/h with head up to 466 m.

Type of liquid pumped Clean, free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral. AISI 316 stainless steel version also suitable for aggressive solutions and/or salt water.

Maximum number of starts per hour refer to the coupled motor.

Cooling flow refer to the coupled motor.

Maximum permitted quantity of sand 100 g/m³.

Ambient temperature +30°C.

Recommended minimum suction level 1.5 m.

Installation Horizontal or vertical.

Coupled with 6" to 8" motors depending on the power required by the hydraulics:

6GX: 6" built-in submersible motor

TR 6: 6" rewindable submersible motor in AISI 316 or DUPLEX version

TR 8: 8" rewindable submersible motor in AISI 316 or DUPLEX version

For variable frequency drive operation please refer to the specifications of the coupled motor.

ACCESSORIES
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SMN 8 60 HYDRAULICS

MODEL	HYDRAULICS CODE	PRICE € HYDRAULICS	ELECTRICAL DATA		HYDRAULIC DATA															DNM	WEIGHT KG	H mm	MOTOR ACC.
			P2 NOMINAL REQUIRED	Q=m³/h	0	24	30	42	48	54	60	66	72	78	84	90							
			kW		HP	Q=l/min	0	400	500	700	800	900	1000	1100	1200	1300	1400	1500					
SMN8 60/1E	60177674	6.993	4	5.5	H(m)	25	21	20.5	19	18	17.5	16.5	15.5	14	13	11	9.5	5"	23	551	6"		
SMN8 60/2E	60177675	9.025	7.5	10		49.5	42.5	41	38	36.5	35	33	31	28.5	25.5	22.5	19	5"	30	687	6"		
SMN8 60/3E	60177676	11.059	11	15		75	64	62	57	55	52	49.5	46	42.5	38.5	33.5	28.5	5"	38	823	6"		
SMN8 60/4E	60177677	13.092	15	20		99	85	82	76	73	70	66	62	57	51	45	38	5"	46	959	6"		
SMN8 60/5E	60177678	15.125	18.5	25		124	106	103	95	91	87	82	77	71	64	56	48	5"	53	1095	6"		
SMN8 60/6E	60177679	17.157	22	30		149	127	123	114	110	105	99	93	85	77	68	57	5"	61	1231	6"		
SMN8 60/7E	60177680	19.190	26	35		174	149	144	133	128	122	115	108	99	90	79	67	5"	69	1367	6"		
SMN8 60/8E	60177681	21.223	30	40		199	170	164	152	146	139	132	123	113	102	90	76	5"	76	1503	6"		
SMN8 60/9E	60177682	23.248	37	50		221	189	183	170	163	155	147	137	126	113	98	76	5"	84	1639	6"		
SMN8 60/10E	60177683	25.289	37	50		246	210	203	188	181	172	163	152	139	125	109	91	5"	92	1775	6"		
SMN8 60/11L	60177684	27.314	45	60		267	228	221	205	197	187	177	166	151	135	116	96	5"	101	1911	8"		
SMN8 60/12L	60177685	29.348	45	60		292	248	241	224	214	204	193	180	164	147	127	104	5"	109	2047	8"		
SMN8 60/13E	60177686	31.380	55	75		328	282	273	255	245	234	221	207	190	171	150	125	5"	116	2183	8"		
SMN8 60/14E	60177687	33.412	55	75		354	304	294	274	263	251	238	223	205	184	161	135	5"	124	2319	8"		
SMN8 60/15E	60177688	35.445	63	85		379	325	315	294	282	269	255	239	219	197	173	145	5"	132	2455	8"		
SMN8 60/15B	60177689	35.445	75	100		410	355	343	318	306	294	278	262	245	225	200	174	5"	132	2455	8"		
SMN8 60/17B	60177690	39.511	75	100		465	404	389	362	348	332	315	298	276	254	227	197	5"	147	2727	8"		

SMN 8

8" SUBMERSIBLE ELECTRIC PUMPS



SMN 8 85 HYDRAULICS

MODEL	HYDRAULICS CODE	PRICE € HYDRAULICS	ELECTRICAL DATA		HYDRAULIC DATA														DNM	WEIGHT KG	H mm	MOTOR ACC.
			P2 NOMINAL REQUIRED		Q=m³/h	0	36	60	66	72	78	84	90	96	102	108	114					
			kW	HP	Q=l/min	0	600	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900					
SMN8 85/1A	60177691	6.738	5.5	7.5	H(m)	28.5	20.5	19.5	19	18	17	16	15	14	12.5	11	-	5"	32	551	6"	
SMN8 85/2D	60177692	8.802	9.3	12.5		54	37.5	36	34.5	33	31.5	29.5	27.5	25	22.5	20	17	5"	30	687	6"	
SMN8 85/3A	60177693	10.865	15	20		85	61	59	57	54	52	49	45	42	37	32.5	27.5	5"	38	823	6"	
SMN8 85/4D	60177694	12.928	18.5	25		108	75	73	70	66	63	59	55	50	45	40	34	5"	45	959	6"	
SMN8 85/4A	60177695	12.928	22	30		114	83	80	77	74	70	66	62	56	51	44	38	5"	45	959	6"	
SMN8 85/5D	60177696	14.991	22	30		134	94	91	87	83	79	74	69	63	57	50	43	5"	53	1095	6"	
SMN8 85/5A	60177697	14.991	26	35		142	104	100	96	92	88	83	77	70	63	55	47	5"	53	1095	6"	
SMN8 85/6A	60177698	17.054	30	40		170	124	120	116	111	105	99	92	84	76	67	56	5"	60	1231	6"	
SMN8 85/7C	60177699	19.115	37	50		191	151	130	125	119	113	107	99	91	82	72	62	5"	68	1367	6"	
SMN8 85/8D	60177700	21.179	45	60		234	168	162	156	150	143	135	126	117	106	95	83	5"	77	1503	8"	
SMN8 85/8G	60177701	21.179	37	50		217	171	148	142	135	128	121	112	103	93	81	69	5"	77	1503	6"	
SMN8 85/9E	60177702	23.243	45	60		256	183	177	170	162	155	146	136	125	113	101	87	5"	85	1639	8"	
SMN8 85/10D	60177703	25.304	55	75		292	210	203	195	187	178	169	158	146	133	119	103	5"	92	1775	8"	
SMN8 85/11D	60177704	27.368	55	75		321	231	223	215	206	196	186	173	160	146	130	114	5"	100	1911	8"	
SMN8 85/12D	60177705	29.429	63	85		350	252	243	234	224	213.5	202	189	175	159	142	124	5"	107	2047	8"	
SMN8 85/13D	60177706	31.490	75	100		379	273	264	254	243	232	219	205	189	172	154	134	5"	115	2183	8"	
SMN8 85/14A	60177707	33.556	75	100	407	305	295	284	272	259	245	228	210	191	169	146	5"	123	2319	8"		
SMN8 85/15A	60177708	35.616	92	125	436	327	316	304	291	277	262	245	225	204	181	156	5"	131	2455	8"		
SMN8 85/16A	60177709	37.678	92	125	466	349	337	324	311	296	280	261	240	218	193	167	5"	139	2591	8"		

DAB SERVICES

HEATING AND AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER SETS

END SUCTION AND VERTICAL MULTISTAGE PUMPS

DRAINAGE AND SEWAGE

GROUNDWATER AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

SMN 8

8" SUBMERSIBLE ELECTRIC PUMPS



SMN 8 110 HYDRAULICS

MODEL	HYDRAULICS CODE	PRICE € HYDRAULICS	ELECTRICAL DATA		HYDRAULIC DATA															DNM	WEIGHT KG	H mm	MOTOR ACC.
			P2 NOMINAL REQUIRED		Q=m³h	0	36	66	84	96	102	108	114	120	126	138	156						
			kW	HP	Q=l/min	0	600	1100	1400	1600	1700	1800	1900	2000	2100	2300	2600						
SMN8 110/2H	60177710	10.455	13	17.5	H (m)	47.5	42.5	39.5	37	35.5	34.5	33.5	32	30.5	28.5	24.5	17	5"	36	729	6"		
SMN8 110/3G	60177711	12.993	18.5	25		69.5	63	57.5	53	50.5	49	47	45	42	39.5	33	22	5"	46	886	6"		
SMN8 110/3B	60177712	12.993	22	30		76	69	64	60.5	57.5	56	54	51.5	49	46	39	27.5	5"	46	886	6"		
SMN8 110/4F	60177713	15.533	26	35		95	87.5	80.5	75.5	72	69.5	67	63.5	60	56	47.5	32.5	5"	56	1043	6"		
SMN8 110/5I	60177714	18.072	30	40		112.5	103.5	95	89	84	81.5	78	74	69.5	64.5	53.5	35.5	5"	66	1200	6"		
SMN8 110/5F	60177715	18.072	37	50		118	109.5	101.5	95.5	91	88	85	80.5	76	71	60.5	41.5	5"	66	1200	6"		
SMN8 110/6H	60177716	20.612	37	50		137.5	126	117	109.5	103.5	100	96	90.5	85	79	66	45	5"	76	1357	6"		
SMN8 110/6F	60177717	20.612	45	60		144.5	134	124.5	117.5	112	109	105.5	100.5	95	89	76	53.5	5"	76	1357	8"		
SMN8 110/6B	60177718	20.612	45	60		155.5	144	134.5	127	121	117.5	113.5	108.5	102.5	96.5	83	59.5	5"	76	1357	8"		
SMN8 110/7C	60177719	23.160	55	75		178.5	165.5	154	146	139	135	130.5	124.5	117.5	110	92.5	63.5	5"	86	1514	8"		
SMN8 110/9L	60177720	28.230	55	75		200.5	186	171.5	161.5	154	149	143	136	127.5	118.5	98.5	66	5"	106	1828	8"		
SMN8 110/9G	60177721	28.230	63	85		209	194.5	180	170	162	157	152	146	137.5	128.5	108.5	74.5	5"	106	1828	8"		
SMN8 110/9B	60177722	28.230	75	100		225.5	212	196.5	185.5	176.5	171.5	165.5	159	150.5	141	121	88	5"	106	1828	8"		
SMN8 110/10B	60177723	30.777	75	100		251	235.5	218	206	196	190.5	184	177	167.5	157	134.5	97.5	5"	116	1985	8"		
SMN8 110/11B	60177724	33.316	92	125		276	259	240	226.5	215.5	209.5	202.5	194.5	184	172.5	147.5	107.5	5"	126	2142	8"		
SMN8 110/13E	60177725	38.395	92	125	313	294	272	257	244.5	238	230	221	209	196.5	167.5	117.5	5"	146	2456	8"			
SMN8 110/14C	60177726	40.935	110	150	351	329.5	305.5	288.5	274.5	266.5	257.5	247.5	234	219.5	188	137	5"	156	2613	8"			
SMN8 110/15C	60177727	43.472	110	150	376	353	327.5	309	294	285.5	276	265.5	251	235.5	201.5	146.5	5"	166	2770	8"			

SMN 8

8" SUBMERSIBLE ELECTRIC PUMPS



SMN 8 135 HYDRAULICS

MODEL	HYDRAULICS CODE	PRICE € HYDRAULICS	ELECTRICAL DATA		HYDRAULIC DATA														DNM	WEIGHT KG	H mm	MOTOR ACC.
			P2 NOMINAL REQUIRED		Q=m³h	0	36	72	96	108	120	132	144	156	168	180	192					
			kW	HP	Q=l/min	0	600	1200	1600	1800	2000	2200	2400	2600	2800	3000	3200					
SMN8 135/2M	60177728	10.446	13	17.5	H(m)	47.5	42	37.5	34.5	33	30.5	28	24.5	20.5	16	12	8.5	5"	36	729	6"	
SMN8 135/2F	60177729	10.446	15	20		52	46	41	38.5	36.5	34.5	32	29	25	21	16.5	12	5"	36	729	6"	
SMN8 135/2C	60177730	10.446	18.5	25		55	48.5	43.5	41	39	37	34.5	31	27	23	19	15.5	5"	36	729	6"	
SMN8 135/3N	60177731	13.040	18.5	25		63.5	58.5	53.5	49	45.5	42	37	32	26	20	14	-	5"	46	886	6"	
SMN8 135/3L	60177732	13.040	22	30		70	64	57.5	53	50.5	47	42.5	37.5	31.5	25	19	13.5	5"	46	886	6"	
SMN8 135/3B	60177733	13.040	26	35		82.5	75	68.5	64	61	58	54.5	49.5	43	36	29.5	22	5"	46	886	6"	
SMN8 135/4E	60177734	15.631	30	40		101	90	82	76.5	72.5	68.5	63	56.5	49.5	41.5	33	24	5"	56	1043	6"	
SMN8 135/4C	60177735	15.631	37	50		106	95	88	82	78	73.5	68	61.5	54	45.5	36.5	26.5	5"	56	1043	6"	
SMN8 135/5F	60177736	18.221	37	50		121.5	111	101.5	94	89	84	77.5	69	60	50	39.5	28	5"	66	1200	6"	
SMN8 135/5E	60177737	18.221	45	60		128.5	118	108	100	95.5	90.5	84.5	77	68	58.5	47.5	35.5	5"	66	1200	8"	
SMN8 135/6F	60177738	20.813	45	60		151	135.5	125	116	110.5	104	96.5	86.5	76	64	51.5	38	5"	76	1357	8"	
SMN8 135/7G	60177739	23.406	55	75		176	159.5	147	137	130.5	123	114	102	89	75	60	44.5	5"	86	1514	8"	
SMN8 135/7E	60177740	23.406	55	75		181	164	151.5	141.5	135.5	128	119	107	94	80	65	49.5	5"	86	1514	8"	
SMN8 135/8G	60177741	25.996	63	85		201.5	182	168	156.5	149.5	140.5	130	117	102	85.5	68.5	51	5"	96	1671	8"	
SMN8 135/9G	60177742	28.588	75	100		220	200.5	185	171.5	163	153.5	141.5	127	110.5	93	74	54	5"	106	1828	8"	
SMN8 135/9C	60177743	28.588	75	100	238	219.5	201.5	187	178.5	169	158	143.5	128	110.5	91	69.5	5"	106	1828	8"		
SMN8 135/11C	60177744	33.773	92	125	291	268.5	246.5	228.5	218	206.5	193	175.5	156.5	135	111	85	5"	126	2142	8"		
SMN8 135/13C	60177745	38.962	110	150	343.5	317	291	270	258	244	228	207.5	185	159.5	131.5	100.5	5"	126	2456	8"		

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

TR 8

8" SUBMERSIBLE MOTOR



8" Rewindable asynchronous submersible motor.
Designed for pressurization, groundwater and for using water in agricultural irrigation systems.
Rotor mounted on a Mitchell thrust bearing unit to support high axial loads.
Motor liner in AISI 316 stainless steel.
Rewindable stator available with PE2+PA windings allowing the motor to be used in special applications and/or with variable frequency drives.
Cooling and lubrication through a mixture of water and glycol. Versions with direct or star/delta starting, two- or four-pole, supplied with 8 m single-core cables directly connected to the winding and earthing cable.
WRAS and ACS certified cables. Three-phase version includes provision for installation of PT100 or PTC temperature sensor.
Available in AISI 316 stainless steel (TR 8 N version) and AISI 904 stainless steel (TR 8 R version).
Motors to be coupled to a pump body.

Flanging NEMA 8".
Protection degree IP68.
Cooling flow speed 0.5 m/s.
Line supply tolerance +6% / -10%.
Maximum number of starts per hour 10/h.
Maximum operating depth 300 m.
Maximum working pressure 60 bar.
Horizontal operation 30 HP - 125 HP.



DIRECT STARTING

MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	POWER SUPPLY 50 Hz	IN (A)	Is/In	N (min ⁻¹)	CABLE	
	PE2 + PA		PE2 + PA								Ø mm ²	LC (m)
	CODE	PRICE €	CODE	PRICE €								
TR840 - 30 KW	60144600	8.924	60146759	11.890	40	30	3x400 V ~	61	5.7	2890	4x16	8
TR850 - 37 KW	60144601	9.845	60146760	13.026	50	37	3x400 V ~	75	5.7	2890	4x16	8
TR860 - 45 KW	60144602	10.421	60146761	13.705	60	45	3x400 V ~	92	6	2910	4x16	8
TR875 - 55 KW	60144603	11.554	60146762	15.081	75	55	3x400 V ~	109	5.9	2900	4x16	8
TR885 - 63 KW	60144604	13.661	60146763	17.716	85	63	3x400 V ~	126	5.7	2910	4x16	8
TR8100 - 75 KW	60144605	13.940	60146764	17.961	100	75	3x400 V ~	145	5.8	2910	4x16	8
TR8125 - 92 KW	60144606	16.549	60146765	21.182	125	92	3x400 V ~	177	5.9	2890	4x25	8
TR8150 - 110 KW	60144607	18.102	60146767	23.005	150	110	3x400 V ~	213	5.8	2890	4x25	8

Supplied with 1 cable.

STAR/DELTA STARTING

MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	POWER SUPPLY 50 Hz	IN (A)	Is/In	N (min ⁻¹)	CABLE	
	PE2 + PA		PE2 + PA								Ø mm ²	LC (m)
	CODE	PRICE €	CODE	PRICE €								
TR840 - 30 KW	60144610	9.568	60146768	12.538	40	30	3x400 V ~	61	5.7	2890	4x10	8
TR850 - 37 KW	60144611	10.492	60146769	13.674	50	37	3x400 V ~	75	5.7	2890	4x10	8
TR860 - 45 KW	60144612	11.069	60146770	14.351	60	45	3x400 V ~	92	6	2910	4x10	8
TR875 - 55 KW	60144613	12.200	60146771	15.727	75	55	3x400 V ~	109	5.9	2900	4x16	8
TR885 - 63 KW	60144614	14.307	60146772	18.365	85	63	3x400 V ~	126	5.7	2910	4x16	8
TR8100 - 75 KW	60144615	14.588	60146773	18.606	100	75	3x400 V ~	145	5.8	2910	4x16	8
TR8125 - 92 KW	60144616	17.396	60146774	22.023	125	92	3x400 V ~	177	5.9	2890	4x16	8
TR8150 - 110 KW	60144617	18.941	60146775	23.850	150	110	3x400 V ~	213	5.8	2890	4x16	8

Supplied with 2 cables.

SS 10

10" SUBMERSIBLE ELECTRIC PUMPS



Submersible **semi-axial** multistage electric pumps for 10" or larger pits, capable of generating a wide range of flow rates. Designed for lifting, distribution and pressurization in civil and industrial water systems, autoclave and cistern feeding, firefighting and washing systems, irrigation systems.
Application in clean, non-aggressive water free of solids or abrasives.

Pump design features

Pump body and impellers in AISI 304 or AISI 316 pressed steel.
Pump equipped with a low pressure drop non-return valve.

For variable frequency drive operation please refer to the specifications of the coupled motor.

Operating range 290 m³/h with head up to 385 m.

Maximum permitted quantity of sand 50g/m³.

Maximum ambient temperature 30°C (50°C available on request).

Delivery (Threaded) 6".

Coupled with 6", 8" or 10" motors depending on the power required by the hydraulics and available in both standard and entirely stainless steel version.

6GF: 6" built-in submersible motor.

TR 6: 6" rewindable submersible motor.

TR 8: 8" rewindable submersible motor.

TR 10: 10" rewindable submersible motor.

SS 10A HYDRAULICS

MODEL	STANDARD		AISI 316		MOTOR ACC.	ELECTRICAL DATA		HYDRAULIC DATA												DNM GAS	WEIGHT KG	H mm
	HYDRAULICS CODE	PRICE € HYDRAULICS	HYDRAULICS CODE	PRICE € HYDRAULICS		P2 NOMINAL REQUIRED		Q=m³/h	0	50	100	140	180	200	220	240	260	290				
						kW	HP	Q=l/min	0	13.9	27.8	38.9	50	55.6	61.1	66.7	72.2	80.6				
SS10A01.B1	60168180	6.033	60202026	10.761	6"	15	20	H (m)	29	27	25	22	20	19	18	16	15	11	6"	44	794	
SS10A01	60169211	6.033	60202025	10.761	6"	18.5	25		39	36	33	30	27	25	24	22	19	15	6"	44	794	
SS10A02.B2	60169212	6.876	60202027	12.273	6"	30	40		58	54	49	44	40	37	35	32	29	22	6"	55	970	
SS10A02	60168182	6.876	60179063	12.273	6"	37	50		77	72	66	59	53	50	47	44	39	30	6"	55	970	
SS10A03.B3	60169467	7.827	60202028	13.968	8"	45	60		87	81	74	66	59	56	53	49	44	34	6"	66	1147	
SS10A03.B1	60169468	7.827	60184904	13.968	8"	55	75		106	99	91	81	73	69	65	60	53	41	6"	66	1147	
SS10A03	60169469	7.827	60202030	13.968	8"	63	85		116	108	99	89	80	75	71	65	58	45	6"	66	1147	
SS10A04.B2	60169470	8.784	60202031	15.665	8"	75	100		135	126	115	103	93	88	82	76	68	53	6"	76	1323	
SS10A04	60168185	8.784	60182311	15.665	8"	75	100		155	145	132	119	106	100	94	87	78	60	6"	76	1323	
SS10A05	60168186	9.734	60202032	17.366	8"	92	125		194	181	165	148	133	125	118	109	97	75	6"	87	1499	
SS10A06	60168187	10.793	60202033	19.256	8"	110	150		232	217	198	178	159	151	141	131	117	91	6"	98	1675	
SS10A07	60168188	11.850	60202034	21.144	10"	132	180		271	253	231	207	186	176	165	152	136	106	6"	109	1851	
SS10A08	60168189	12.910	60202035	23.030	10"	147	200		310	289	264	237	212	201	189	174	156	121	6"	119	2028	
SS10A09	60168190	13.965	60202036	24.920	10"	170	230		349	325	298	267	239	226	212	196	175	136	6"	130	2204	
SS10A10	60168191	14.816	60202037	26.428	10"	190	260		387	362	331	296	265	251	236	218	195	151	6"	141	2380	

SMC 10

10" SUBMERSIBLE ELECTRIC PUMPS



Submersible semi-axial multistage electric pumps for 10" or larger pits, capable of generating a wide range of flow rates and heads. Designed for lifting, distribution and pressurization in industrial water systems, autoclave and cistern feeding, firefighting systems, irrigation systems.

Application in clean, non-aggressive water free of solids or abrasives.

Pump design features

Cathaphoresis-treated cast iron pump body and AISI 304 stainless steel precision cast impellers dynamically balanced and keyed to the shaft. Shaft guided by coaxial bush bearings and fully protected by bushings.

Pump equipped with a low pressure drop non-return valve. Flanged delivery port and supplied with counterflange kit, bolts and seals.

For the electrical characteristics of the submersible motors and variable frequency drive operation specifications, please refer to the specific model data sheets.



Operating range up to 400 m³/h with head up to 453 m.

Pumped liquid Clean, free of solids or abrasive substances, chemically neutral close to the characteristics of water.

Starts/hour refer to the coupled motor.

Cooling flow refer to the coupled motor.

Maximum permitted quantity of sand 40 gr/m³.

Ambient temperature +30°C.

Recommended minimum suction level m 2.

Installation horizontal or vertical.

Coupled with 6", 8" or 10" motors depending on the power required by the hydraulics and available in both standard and entirely stainless steel version.

6GF: 6" built-in submersible motor.

TR 6: 6" rewindable submersible motor.

TR 8: 8" rewindable submersible motor.

TR 10: 10" rewindable submersible motor.

SMC 10 200 HYDRAULICS

MODEL	HYDRAULICS CODE	PRICE € HYDRAULICS	MOTOR ACC.	ELECTRICAL DATA		HYDRAULIC DATA													DNM	WEIGHT KG	H mm
				P2 NOMINAL REQUIRED	Q=m³/h	0	60	84	108	132	150	168	180	192	210	234	258				
																		KW			
SMC10 200/1M	60177475	6.272	6"	11	15	H(m)	32	25.5	24	22	20.5	19	17.5	16.5	15	12.5	9	-	6"	66	687
SMC10 200/1L	60177476	6.272	6"	13	17.5		35.5	29	27	25.5	24	22.5	21	19.5	18	15.5	11.5	6.5	6"	66	687
SMC10 200/1H	60177477	6.272	6"	15	20		40	33	30.5	29	27	25.5	24	23	21.5	19	16	12	6"	66	687
SMC10 200/1G	60177478	6.272	6"	18.5	25		41	34	32	30	28	26.5	25	24	22.5	20	17	13	6"	66	687
SMC10 200/1C	60177479	6.272	6"	18.5	25		45	37	34.5	32.5	30.5	29	27.5	26	24.5	22	18.5	14	6"	66	687
SMC10 200/1A	60177480	6.272	6"	22	30		48	39	36.5	34.5	32.5	31.5	29.5	28.5	27	24	19.5	14	6"	66	687
SMC10 200/2M	60177481	8.037	6"	22	30		64	51.5	48	44.5	41	38.5	35.5	33	30	25.5	17.5	-	6"	92	847
SMC10 200/2L	60177482	8.037	6"	26	35		70.5	58.5	55	52	48.5	46	43	40.5	37.5	32.5	24	14.5	6"	92	847
SMC10 200/2H	60177483	8.037	6"	30	40		79.5	66	62	58.5	55	52	48.5	46	43	38	30	20.5	6"	92	847
SMC10 200/2G	60177484	8.037	8"	37	50		84	70.5	66.5	62.5	59	56	52.5	50	47	41.5	34	25	6"	92	867
SMC10 200/2E	60177485	8.037	6"	37	50		90	77	72	68	64	61	58	56	53	48	40.5	31	6"	92	867
SMC10 200/2B	60177486	8.037	8"	45	60		94.5	80	75.5	71.5	67.5	64.5	61	59	55.5	50.5	43	34.5	6"	92	867
SMC10 200/3H	60177487	9.809	8"	45	60		117	99	93.5	89	84	80	75.5	72	67.5	59.5	47.5	33	6"	118	1047
SMC10 200/3G	60177488	9.809	8"	55	75		130	110	104	98.5	93	88.5	84	80	75.5	67.5	56	42	6"	118	1047
SMC10 200/3E	60177489	9.809	8"	55	75		137	116.5	110	104.5	99	94.5	90	86.5	81.5	73.5	62.5	48.5	6"	118	1047
SMC10 200/3B	60177490	9.809	8"	63	85		143	122	115.5	109.5	104	99.5	94.5	91.5	86.5	78.5	67.5	54	6"	118	1047
SMC10 200/4G	60177491	11.582	8"	75	100		168.5	142.5	134.5	128	121	115	108.5	104	97.5	86.5	70.5	51	6"	162	1227
SMC10 200/4D	60177492	11.582	8"	75	100		183.5	156	148	141	133.5	128	121.5	117	110.5	100	84	65.5	6"	162	1227
SMC10 200/5I	60177493	13.357	8"	75	100		200	169	159.5	151.5	142.5	135.5	127.5	121.5	113.5	100.5	80	56.5	6"	187	1407
SMC10 200/5F	60177494	13.357	8"	92	125		224	192	180.5	171.5	163	157	150	144.5	137	124	104	80	6"	187	1583
SMC10 200/6I	60177495	15.123	8"	92	125		241	204.5	193.5	184.5	174.5	166.5	156.5	149.5	140	124	99	69	6"	213	1755
SMC10 200/6F	60177496	16.891	8"	110	150		269	230	216.5	205.5	195.5	188.5	180	173	164	149	124.5	96	6"	213	1671
SMC10 200/7H	60177497	18.663	8"	110	150		283	241.5	227.5	216.5	205.5	197	186.5	178.5	167	147.5	118	83	6"	239	1851
SMC10 200/7E	60177498	18.663	10"	132	180		319	271	256.5	244	231.5	222	211	203	192.5	174	148	116.5	6"	239	1851
SMC10 200/8D	60177499	20.429	10"	147	200		366.5	314	295.5	281	267	256.5	245	236.5	224.5	203.5	172.5	135.5	6"	264	2031
SMC10 200/9D	60177500	22.203	10"	170	230		412	353.5	332.5	316	300.5	288.5	275.5	266	252.5	229	194	152.5	6"	290	2211
SMC10 200/10E	60177501	23.976	10"	190	260		453	388	365	347	330	317	302	291.5	276.5	250	211	165	6"	316	2391

SMC 10

10" SUBMERSIBLE ELECTRIC PUMPS



SMC 10 320 HYDRAULICS

MODEL	HYDRAULICS CODE	PRICE € HYDRAULICS	MOTOR ACC.	ELECTRICAL DATA		HYDRAULIC DATA														DNM	WEIGHT KG	H mm
				P2 NOMINAL REQUIRED	Q=m³/h	0	120	150	180	210	240	270	300	330	360	390	420					
					kW	HP	Q=l/min	0	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000			
SMC10 320/10	60177502	6.406	6"	22	30	H (m)	34	27.5	26.5	25.5	24.5	23.5	22	20	16.5	12.5	-	-	6"	64.5	703	
SMC10 320/1M	60177503	6.406	6"	26	35		36	29.5	28.5	27.5	27	26	25	22.5	19.5	16	12.5	-	6"	64.5	703	
SMC10 320/1F	60177504	6.406	6"	30	40		40	32.5	31	30	29.5	28.5	27.5	26	23	19.5	15.5	10.5	6"	64.5	703	
SMC10 320/1D	60177505	6.406	6"	37	50		43.5	34.5	33	32	31.5	31	30.5	29	26	22.5	18.5	14	6"	64.5	703	
SMC10 320/1B	60177506	6.406	6"	37	50		46	37	35	34.5	33.5	33	32.5	31	28.5	25	21	16.5	6"	65.5	703	
SMC10 320/2P	60177507	7.961	8"	45	60		62	52	50.5	49	47	44	40.5	35.5	29	22	-	-	6"	91	898	
SMC10 320/2N	60177508	7.961	8"	45	60		67.5	57.5	55.5	53.5	51.5	49	45.5	41.5	36	29.5	22.5	14	6"	91	898	
SMC10 320/2M	60177509	7.961	8"	55	75		71	61	59	57.5	55.5	53.5	50.5	46.5	41	34	27	19.5	6"	91	898	
SMC10 320/2H	60177510	7.961	8"	55	75		72	64	61.5	60	58.5	56.5	54	50.5	45.5	38.5	31	21	6"	91	898	
SMC10 320/2D	60177511	7.961	8"	63	85		77	67	65	63.5	62	60.5	58	54.5	49.5	43	35.5	27	6"	91	898	
SMC10 320/3I	60177512	9.509	8"	75	100		106	93.5	90.5	88	85.5	82	77.5	71.5	63	53.5	42.5	31.5	6"	116	1177	
SMC10 320/3C	60177513	9.509	8"	92	125		117.5	104.5	102	99	96	94	91	86	79.5	70	57	41	6"	116	1177	
SMC10 320/4G	60177514	13.049	8"	110	150		150	134.5	130	126.5	123	119	113.5	106.5	96.5	84.5	71	56	6"	160	1372	
SMC10 320/4B	60177515	13.049	10"	132	180		162	147	142.5	138.5	135	130.5	125.5	118.5	108.5	96.5	84.5	69.5	6"	160	1372	
SMC10 320/5L	60177516	14.596	10"	132	180		181	162	157	152.5	148	142.5	136	127	114.5	99	81.5	63	6"	185.5	1568	
SMC10 320/5E	60177517	14.596	10"	150	200		196	177.5	172	167	162.5	157	150.5	141.5	129	114.5	98	79.5	6"	185.5	1568	
SMC10 320/6G	60177518	16.144	10"	170	230		225	201.5	195.5	190	184.5	178	170	160	145	127	106	83.5	6"	211	1763	
SMC10 320/7L	60177519	17.689	10"	190	260		253.5	227	219.5	213.5	207	199.5	190	178	160	138.5	114.5	88.5	6"	236.5	1959	

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

SMN 10

10" SUBMERSIBLE ELECTRIC PUMPS



10" Semi-axial multi-impeller submersible pump in AISI 316 stainless steel for clean water.

Designed to increase the pressure of water taken from pits (at least 10" in diameter), cisterns or tanks and for use in agricultural irrigation systems.

Different impeller types are available to ensure the best efficiency at different flow rates and models with up to 7 impellers are available to cover a wide range of heads.

Impellers made entirely in precision cast AISI 316 stainless steel.

Pump equipped with a low pressure drop non-return valve.

Complies with DM174 for use with water for human consumption.

The package contains the two cable covers to be used according to the type of starter (direct or star/delta).

Operating range up to 420 m³/h with head up to 253 m.

Pumped liquid Clean, free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral. AISI 316 stainless steel version also suitable for aggressive solutions and/or salt water.

Starts/hour refer to the coupled motor.

Cooling flow Refer to the coupled motor.

Maximum permitted quantity of sand 100 g/m³.

Ambient temperature +30°C.

Recommended minimum suction level 1.5 m.

Installation horizontal or vertical.

Coupled with 6" to 10" motors depending on the power required by the hydraulics:

6GX: 6" built-in submersible motor

TR 6: 6" rewindable submersible motor in AISI 316 or DUPLEX version

TR 8: 8" rewindable submersible motor in AISI 316 or DUPLEX version

TR 10: 10" rewindable submersible motor in AISI 316 or DUPLEX version

For variable frequency drive operation please refer to the specifications of the coupled motor.

ACCESSORIES
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SMN 10 320 HYDRAULICS

MODEL	HYDRAULICS CODE	PRICE € HYDRAULICS	ELECTRICAL DATA		HYDRAULIC DATA														DNM	WEIGHT KG	H mm	MOTOR ACC.
			P2 NOMINAL REQUIRED		Q=m³h	0	120	150	180	210	240	270	300	330	360	390	420					
			KW	HP	Q=l/min	0	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000					
SMN10 320/10	60177746	15.877	22	30	H (m)	34	27.5	26.5	25.5	24.5	23.5	22	20	16.5	12.5	-	-	6"	64.5	703	6"	
SMN10 320/1M	60177747	15.877	26	35		36	29.5	28.5	27.5	27	26	25	22.5	19.5	16	12.5	-	6"	64.5	703	6"	
SMN10 320/1F	60177748	15.877	30	40		40	32.5	31	30	29.5	28.5	27.5	26	23	19.5	15.5	10.5	6"	64.5	703	6"	
SMN10 320/1D	60177749	15.877	37	50		43.5	34.5	33	32	31.5	31	30.5	29	26	22.5	18.5	14	6"	64.5	703	6"	
SMN10 320/1B	60177750	15.877	37	50		46	37	35	34.5	33.5	33	32.5	31	28.5	25	21	16.5	6"	65.5	703	6"	
SMN10 320/2P	60177751	20.597	45	60		62	52	50.5	49	47	44	40.5	35.5	29	22	-	-	6"	91	898	8"	
SMN10 320/2N	60177752	20.597	45	60		67.5	57.5	55.5	53.5	51.5	49	45.5	41.5	36	29.5	22.5	14	6"	91	898	8"	
SMN10 320/2M	60177753	20.597	55	75		71	61	59	57.5	55.5	53.5	50.5	46.5	41	34	27	19.5	6"	91	898	8"	
SMN10 320/2H	60177754	20.597	55	75		72	64	61.5	60	58.5	56.5	54	50.5	45.5	38.5	31	21	6"	91	898	8"	
SMN10 320/2D	60177755	20.597	63	85		77	67	65	63.5	62	60.5	58	54.5	49.5	43	35.5	27	6"	91	898	8"	
SMN10 320/3I	60177756	25.311	75	100		106	93.5	90.5	88	85.5	82	77.5	71.5	63	53.5	42.5	31.5	6"	116	1177	8"	
SMN10 320/3C	60177757	25.311	92	125		117.5	104.5	102	99	96	94	91	86	79.5	70	57	41	6"	116	1177	8"	
SMN10 320/4G	60177758	34.105	110	150		150	134.5	130	126.5	123	119	113.5	106.5	96.5	84.5	71	56	6"	160	1372	8"	
SMN10 320/4B	60177759	34.105	132	180		162	147	142.5	138.5	135	130.5	125.5	118.5	108.5	96.5	84.5	69.5	6"	160	1372	10"	
SMN10 320/5L	60177760	38.827	132	180		181	162	157	152.5	148	142.5	136	127	114.5	99	81.5	63	6"	185.5	1568	10"	
SMN10 320/5E	60177761	38.827	150	200		196	177.5	172	167	162.5	157	150.5	141.5	129	114.5	98	79.5	6"	185.5	1568	10"	
SMN10 320/6G	60177762	43.542	170	230		225	201.5	195.5	190	184.5	178	170	160	145	127	106	83.5	6"	211	1763	10"	
SMN10 320/7L	60177763	48.263	190	260		253.5	227	219.5	213.5	207	199.5	190	178	160	138.5	114.5	88.5	6"	236.5	1959	10"	

TR 10

10" SUBMERSIBLE MOTOR



10" Rewindable asynchronous submersible motor.
Designed for pressurization, groundwater from pits and for using water in agricultural irrigation systems.
Liner in AISI 316 stainless steel.
Rewindable stator available with PVC or PE2+PA windings allowing the motor to be used in special applications and/or with variable frequency drives.
Rotor mounted on a Mitchell self-centring thrust bearing unit capable of withstanding high axial loads.
Cooling and lubrication through a mixture of water and glycol. Versions with direct or star/delta starting, two- or four-pole, supplied with 8 m single-core cables directly connected to the winding and earthing cable.
ACS, WRAS certified cables.
Only available in three-phase version with provision for installation of PT100 or PTC temperature sensor.
Available in AISI 316 stainless steel (TR 10 N version) and AISI 904 stainless steel (TR 10 R version).
Motors to be coupled to a pump body.

Flanging 10".
Protection degree IP68.
Cooling flow speed 0.5 m/s.
Supply tolerance +6% / -10%.
Maximum no. of starts 8/h.
Max operating depth 300 m.
Maximum working pressure 60 bar.
Horizontal operation 100 HP - 230 HP.



DIRECT STARTING

MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	POWER SUPPLY 50 Hz	IN (A)	Is/In	N (min ⁻¹)	CABLE	
	PE2 + PA		PE2 + PA								Ø mm²	LC (m)
	CODE	PRICE €	CODE	PRICE €								
TR10100 - 75 KW	60146838	16.899	60146852	22.475	100	75	3x400V ~	148	5.4	2910	4x50	8
TR10125 - 92 KW	60146839	19.148	60146853	25.364	125	92	3x400V ~	185	5.6	2910	4x50	8
TR10150 - 110 KW	60146840	19.857	60146854	26.129	150	110	3x400V ~	217	5.7	2910	4x50	8
TR10180 - 132 KW	60146841	21.187	60146855	27.682	180	132	3x400V ~	257	5.7	2910	4x50	8
TR10200 - 147 KW	60146842	22.732	60146856	29.515	200	147	3x400V ~	300	6.2	2920	4x50	8
TR10230 - 170 KW	60146843	27.648	60146857	35.801	230	170	3x400V ~	348	6	2920	4x50	8
TR10260 - 190 KW	60146844	29.493	60146858	37.943	260	190	3x400V ~	405	5.9	2930	4x50	8

Supplied with 1 cable.

STAR/DELTA STARTING

MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	POWER SUPPLY 50Hz	IN (A)	Is/In	N (min ⁻¹)	CABLE	
	PE2 + PA		PE2 + PA								Ø mm²	LC (m)
	CODE	PRICE €	CODE	PRICE €								
TR10100 - 75 KW	60146845	17.810	60146859	23.382	100	75	3x400V ~	148	5.4	2910	4x35	8
TR10125 - 92 KW	60146846	20.053	60146860	26.276	125	92	3x400V ~	185	5.6	2910	4x35	8
TR10150 - 110 KW	60146847	20.766	60146861	27.038	150	110	3x400V ~	217	5.7	2910	4x35	8
TR10180 - 132 KW	60146848	22.097	60146862	28.589	180	132	3x400V ~	257	5.7	2910	4x35	8
TR10200 - 147 KW	60146849	23.642	60146863	30.424	200	147	3x400V ~	300	6.2	2920	4x35	8
TR10230 - 170 KW	60146850	28.555	60146864	36.710	230	170	3x400V ~	348	6	2920	4x35	8
TR10260 - 190 KW	60146851	30.401	60146865	38.854	260	190	3x400V ~	405	5.9	2930	4x35	8

Supplied with 2 cables.

SMC 12

12" SUBMERSIBLE ELECTRIC PUMPS



Submersible semi-axial multistage electric pumps for 12" or larger pits, capable of generating a wide range of flow rates and heads. Designed for lifting, distribution and pressurization in industrial water systems, autoclave and cistern feeding, firefighting systems, irrigation systems.

Application in clean, non-aggressive water free of solids or abrasives.

Pump design features

Cataphoresis-treated cast iron pump body and AISI 316 stainless steel precision cast impellers dynamically balanced and keyed to the shaft. Shaft guided by coaxial bush bearings and fully protected by bushings.

Pump equipped with a low pressure drop non-return valve. Flanged delivery port and supplied with counterflange kit, bolts and seals.

For the electrical characteristics of the submersible motors and variable frequency drive operation specifications, please refer to the specific model data sheets.

Operating range Up to 540 m³/h with head up to 320 m.

Pumped liquid clean, free of solids or abrasive substances, chemically neutral close to the characteristics of water.

Starts/hour refer to the coupled motor.

Cooling flow refer to the coupled motor.

Maximum permitted quantity of sand 40 gr/m³.

Ambient temperature +30°C.

Recommended minimum suction level m 2.5

Installation horizontal or vertical.

Coupled with 8", 10" or 12" motors depending on the power required by the hydraulics and available in both standard and entirely stainless steel version.

TR 8: 8" rewindable submersible motor.

TR 10: 10" rewindable submersible motor.

TR 12: 12" rewindable submersible motor.

SMC 12 360 HYDRAULICS

MODEL	HYDRAULICS CODE	PRICE € HYDRAULICS	MOTOR ACC.	ELECTRICAL DATA		HYDRAULIC DATA																DNM	WEIGHT KG	H mm
				P2 NOMINAL REQUIRED		Q=m³/h	0	180	210	240	270	285	300	315	330	360	390	420	450					
				KW	HP	Q=l/min	0	3000	3500	4000	4500	4750	5000	5250	5500	6000	6500	7000	7500					
SMC12 360/1A	60177520	11.773	8"	45	60	H (m)	55.5	46	44.5	43	41.5	40.5	39.5	38	36.5	33.5	29.5	25	20	7"	136	899		
SMC12 360/1B	60177521	11.773	8"	55	75		63	51	49.5	48	46.5	46	45	44	42.5	39	35.5	31	26	7"	136	899		
SMC12 360/1C	60177522	11.773	8"	75	100		65.5	54.5	53.5	52	50.5	49.5	49	48	46.5	44	40.5	37	33	7"	136	899		
SMC12 360/2A	60177523	17.055	8"	75	100		100.5	85	82.5	79	75	72.5	69.5	66.5	62.5	53.5	43.5	33	-	7"	174	1099		
SMC12 360/2B	60177524	17.055	8"	92	125		117.5	97.5	95	92	88.5	86.5	84	81	77.5	68.5	58.5	47	-	7"	174	1099		
SMC12 360/2C	60177525	17.055	8"	110	150		130.5	107.5	105	102.5	99.5	98	96.5	94.5	91.5	85.5	77.5	68.5	57.5	7"	178	1124		
SMC12 360/3A	60177526	22.339	10"	132	180		168.5	139	134	129.5	125	122	119.5	116.5	112	101.5	86.5	65	-	7"	217	1324		
SMC12 360/3B	60177527	22.339	10"	147	200		185	153.5	149	144	139.5	137	134	131	127	117.5	104.5	87	61.5	7"	217	1324		
SMC12 360/4A	60177528	27.612	10"	190	260		224.5	193	188	182.5	176	171.5	167	162	155.5	140	122.5	102	-	7"	255	1524		
SMC12 360/5A	60177529	33.038	12"	220	300		295.5	237.5	230	221.5	213.5	207.5	201.5	193	183.5	163.5	138	105	-	7"	294	1724		
SMC12 360/5B	60177530	33.038	12"	250	340		319.5	259	252	244.5	236	231	224.5	217.5	208	187.5	166.5	137.5	100	7"	294	1724		

SMC 12 420 HYDRAULICS

MODEL	HYDRAULICS CODE	PRICE € HYDRAULICS	MOTOR ACC.	ELECTRICAL DATA		HYDRAULIC DATA																DNM	WEIGHT KG	H mm
				P2NOMINAL REQUIRED	Q=m³h	0	210	240	270	300	330	360	390	420	450	480	510	540						
																			KW	HP	Q=l/min			
SMC12 420/1A	60177531	12.287	8"	45	60	H (m)	52	39.5	38	36.5	35	34	32.5	30.5	28.5	26	22.5	19	14	7"	134	899		
SMC12 420/1B	60177532	12.287	8"	55	75		58.5	44.5	43	41.5	40	39	38	36.5	35	32.5	30	26.5	22	7"	134	899		
SMC12 420/2A	60177533	17.613	8"	92	125		101.5	80.5	78	75.5	73	70.5	67.5	64.5	60.5	56	51.5	46	40.5	7"	170	1099		
SMC12 420/2B	60177534	17.613	8"	110	150		114.5	90.5	88	85.5	83	80.5	77.5	74.5	71	66	61	54	46	7"	174	1124		
SMC12 420/3A	60177535	22.949	10"	132	180		134	111	107.5	104	100.5	96.5	92.5	88	82	75.5	68	59.5	50.5	7"	211	1324		
SMC12 420/3B	60177536	22.949	10"	147	200		156.5	124	120.5	117	114	110	106.5	102.5	97	90.5	83.5	75.5	66.5	7"	211	1324		
SMC12 420/4A	60177537	28.285	10"	190	260		196	154	149.5	145	140.5	135.5	130	124	116.5	107.5	97	85.5	72	7"	247	1524		
SMC12 420/4B	60177538	28.419	12"	220	300		221	173.5	169	165	161	156.5	152	147	139.5	131	121.5	110.5	96	7"	247	1524		
SMC12 420/5A	60177539	33.746	12"	250	340		260.5	204	198	192.5	187	182	176.5	170.5	162	152	139	121.5	100	7"	284	1724		

SMN 12

12" SUBMERSIBLE ELECTRIC PUMPS



12" Semi-axial multi-impeller submersible pump in AISI 316 stainless steel for clean water.

Designed to increase the pressure of water taken from pits (at least 12" in diameter), cisterns or tanks.

Different impeller types are available to ensure the best efficiency at different flow rates and models with up to 5 impellers are available to cover a wide range of heads.

Impellers made entirely in precision cast AISI 316 stainless steel.

Equipped with a low pressure drop non-return valve.

The pump complies with DM174 for use with water for human consumption.

The package contains the two cable covers to be used according to the type of starter (direct or star/delta).

Operating range Up to 540 m³/h with head up to 315 m.

Pumped liquid Clean, free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral. AISI 316 stainless steel version also suitable for aggressive solutions and/or salt water.

Starts/hour refer to the coupled motor.

Cooling flow Refer to the coupled motor.

Maximum permitted quantity of sand 100 g/m³.

Ambient temperature 30 °C.

Recommended minimum suction level 2.5 m.

Installation horizontal and vertical.

Coupled with 8" to 12" motors depending on the power required by the hydraulics:

TR 8: 8" rewindable submersible motor in AISI 316 or DUPLEX version

TR 10: 10" rewindable submersible motor in AISI 316 or DUPLEX version

TR 12: 12" rewindable submersible motor in AISI 316 or DUPLEX version

For variable frequency drive operation please refer to the specifications of the coupled motor.

ACCESSORIES
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SMN 12 360 HYDRAULICS

MODEL	HYDRAULICS CODE	PRICE € HYDRAULICS	ELECTRICAL DATA		HYDRAULIC DATA														DNM	WEIGHT KG	H mm	MOTOR ACC.
			P2 NOMINAL REQUIRED		Q=m³/h	0	180	210	240	270	285	300	315	330	360	390	420	450				
			kW	HP																		
SMN12360/1A	60177764	29.206	45	60	H (m)	56.5	46	45	43.5	41.5	40.5	39.5	38.5	37	33.5	29.5	25.5	20.5	7"	136	899	8"
SMN12360/1B	60177765	29.206	55	75		63	51	49.5	48	46.5	46	45	44	42.5	39	35.5	31	26	7"	136	899	8"
SMN12360/1C	60177766	29.206	75	100		67	52.5	53.5	52	50.5	49.5	49	48	46.5	44	40.5	37	33	7"	136	899	8"
SMN12360/2A	60177767	38.559	75	100		102	88	85.5	82	78.5	76	73.5	71	67	59	49.5	39	-	7"	174	1099	8"
SMN12360/2B	60177768	38.559	92	125		116.5	99.5	97	94	91	89	86.5	84	81	73.5	65	55.5	44	7"	174	1099	8"
SMN12360/2C	60177769	38.559	110	150		130.5	111	109	106.5	103.5	102	100	98	95	88.5	80.5	71.5	61	7"	178	1124	8"
SMN12360/3A	60177770	47.905	132	180		171.5	147	143	138	132	128.5	125	120.5	116	105.5	93	78.5	61	7"	217	1324	10"
SMN12360/3B	60177771	47.905	147	200		182	158	155	151	147	144	141	137.5	133	122	109.5	95	78.5	7"	217	1324	10"
SMN12360/4A	60177772	57.257	190	260		230	202.5	196.5	189.5	181	176	170.5	164.5	158.5	143.5	126.5	106.5	83	7"	255	1524	10"
SMN12360/5A	60177773	67.049	220	300		279.5	246	238.5	229.5	218.5	212	205.5	198	189.5	171	148.5	123	93	7"	294	1724	12"
SMN12360/5B	60177774	67.049	250	340	315.5	267	259	251.5	242.5	237	231	224.5	217.5	200.5	180.5	156	127.5	7"	294	1724	12"	

SMN 12 420 HYDRAULICS

MODEL	HYDRAULICS CODE	PRICE € HYDRAULICS	ELECTRICAL DATA		HYDRAULIC DATA															DNM	WEIGHT KG	H mm	MOTOR ACC.
			P2 NOMINAL REQUIRED		Q=m³/h	0	210	240	270	300	330	360	390	420	450	480	510	540					
			kW	HP															Q=l/min				
SMN12 420/1A	60177775	29.653	45	60	H(m)	53.5	40.5	39	37.5	36	34	32	30	27.5	25	21.5	18.5	14.5	7"	134	899	8"	
SMN12 420/1B	60177776	29.653	55	75		60	45	44	42.5	41	39.5	38	36	33.5	31	28	24.5	21	7"	134	899	8"	
SMN12 420/2A	60177777	39.154	92	125		104	82	79	76.5	74	70.5	68	64.5	60	55.5	50.5	45	39.5	7"	170	1099	8"	
SMN12 420/2B	60177778	39.154	110	150		118	92.5	90	87.5	85.5	83	80	77	73	69	64	59	53	7"	174	1124	8"	
SMN12 420/3A	60177779	48.656	132	180		145.5	118	114.5	111	107.5	103.5	99	94	87.5	80.5	73	65	55.5	7"	211	1324	10"	
SMN12 420/3B	60177780	48.656	147	200		160	129.5	126	122	118.5	114.5	110	105.5	99.5	93	86	78.5	70.5	7"	211	1324	10"	
SMN12 420/4A	60177781	58.160	190	260		199	163	158.5	153.5	149	143.5	137.5	131	123	114.5	105	95	83.5	7"	247	1524	10"	
SMN12 420/4B	60177782	58.606	220	300		222	182	177	172	167.5	162	156.5	151	144	136.5	128	118.5	106	7"	247	1524	12"	
SMN12 420/5A	60177783	68.108	250	340		258	213	207.5	201.5	195	188.5	181.5	174	165.5	156	145.5	133	117	7"	284	1724	12"	

TR 12

12" SUBMERSIBLE MOTORS



12" Rewindable asynchronous submersible motor.
Designed for pressurization, groundwater from pits and for using water in agricultural irrigation systems.
Liner in AISI 316 stainless steel.
Rewindable stator available with PE2+PA windings allowing the motor to be used in special applications and/or with variable frequency drives.
Rotor mounted on a Mitchell self-centring thrust bearing unit capable of withstanding high axial loads.
Cooling and lubrication through a mixture of water and glycol.
Versions with direct or star/delta starting, two- or four-pole, supplied with 8 m single-core cables directly connected to the winding and earthing cable.
ACS, WRAS certified cables.
Only available in three-phase version with provision for installation of PT100 or PTC temperature sensor.
Available in AISI 316 stainless steel (TR 12 N version) and AISI 904 stainless steel (TR 12 R version).
Motors to be coupled to a pump body.

Flanging 12".
Protection degree IP68.
Cooling flow speed 0.5 m/s.
Supply tolerance +6% / -10%.
Maximum no. of starts 5/h.
Maximum working pressure 60 bar.
Max operating depth 300 m.
Horizontal operation 180 HP - 260 HP.
Direction of rotation to be specified when ordering, the standard version is anti-clockwise.



DIRECT STARTING

MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	POWER SUPPLY 50 Hz	IN (A)	Is/In	N (min ⁻¹)	CABLE	
	PE2 + PA		PE2 + PA								Ø mm²	LC (m)
	CODE	PRICE €	CODE	PRICE €								
TR12180 - 132 KW	60146896	35.010	60146910	46.847	180	132	3x400 V~	266	5.0	2930	3x70	8
TR12200 - 147 KW	60146897	41.342	60146911	55.178	200	147	3x400 V~	290	6.2	2930	3x70	8
TR12230 - 170 KW	60146898	42.393	60146912	56.191	230	170	3x400 V~	329	6.1	2920	3x70	8
TR12260 - 190 KW	60146899	45.673	60146913	60.194	260	190	3x400 V~	371	6.2	2930	3x70	8
TR12300 - 220 KW	60146900	49.996	60146914	65.457	300	220	3x400 V~	424	6.1	2920	3x70	8
TR12340 - 250 KW	60146901	53.238	60146915	69.284	340	250	3x400 V~	481	5.9	2920	3x70	8

Supplied with 1 cable.

STAR/DELTA STARTING

MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	POWER SUPPLY 50 Hz	IN (A)	Is/In	N (min ⁻¹)	CABLE	
	PE2 + PA		PE2 + PA								Ø mm²	LC (m)
	CODE	PRICE €	CODE	PRICE €								
TR12180 - 132 KW	60146903	35.988	60146917	47.824	180	132	3x400 V~	266	5.0	2930	6x50	8
TR12200 - 147 KW	60146904	42.323	60146918	56.153	200	147	3x400 V~	290	6.2	2930	6x50	8
TR12230 - 170 KW	60146905	43.368	60146919	57.169	230	170	3x400 V~	329	6.1	2920	6x50	8
TR12260 - 190 KW	60146906	46.650	60146920	61.171	260	190	3x400 V~	371	6.2	2930	6x50	8
TR12300 - 220 KW	60146907	50.999	60146921	66.466	300	220	3x400 V~	424	6.1	2920	6x50	8
TR12340 - 250 KW	60146908	54.246	60146922	70.289	340	250	3x400 V~	481	5.9	2920	6x50	8

Supplied with 2 cables.

NOTES

ACCESSORIES GROUNDWATER AND IRRIGATION

GROUNDWATER AND IRRIGATION ACCESSORIES

SHIELDED CABLES	DESCRIPTION	CODE	PRICE €	MICRA	S4	SS+6GF	SMC+6GF
	FOUR-CORE SHIELDED CABLE 4 X 1.5 MM² PER METRE	60149594	11	•	•		
	FOUR-CORE SHIELDED CABLE 4 X 2.5 MM² PER METRE	60149595	14	•	•		
	FOUR-CORE SHIELDED CABLE 4 X 4 MM² PER METRE	60149596	28	•	•	•	•

Recommended for variable frequency drive applications.

FOUR-CORE CABLES	DESCRIPTION	CODE	PRICE €	MICRA	S4	SS+6GF	SMC+6GF
	FOUR-CORE CABLE 4 X 1.5 MM² PER METRE	002730041	5	•	•	•	
	FOUR-CORE CABLE 4 X 2.5 MM² PER METRE	002730051	8	•	•	•	
	FOUR-CORE CABLE 4 X 4 MM² PER METRE	002730061	12	•	•	•	•
	FOUR-CORE CABLE 4 X 6 MM² PER METRE	002730080	21	•	•	•	•
	FOUR-CORE CABLE 4 X 10 MM² PER METRE	002730085	41	•	•	•	•
	FOUR-CORE CABLE 4 X 16 MM² PER METRE	002730090	62	•	•	•	•
	FOUR-CORE CABLE 4 X 25 MM² PER METRE	002730096	80	•	•	•	•

PROBES	DESCRIPTION	CODE	PRICE €	MICRA	S4	SS+6GF	SMC+6GF
	ELECTRODE PROBE Suitable for conductive liquids with a maximum temperature of +40°C. To be connected with 1.5 mm² cable - 550 V insulation. Sensitivity: ≤ 53 kOhm.	002775000	39		•	•	•
	CABLE FOR ELECTRODE PROBES 1 X 1.5 MM² PER METRE	002730038	3		•	•	•

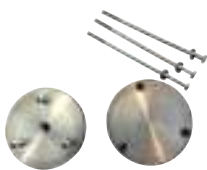
Accessories that can only be connected to ES panels.

JOINTS	DESCRIPTION	CODE	PRICE €	MICRA	S4	SS+6GF	SMC+6GF
	CABLE JOINT KIT (FOR 4 X 1.5/2.5/4/6 MM² CABLES)	547120020	39	•	•	•	•
	CABLE JOINT KIT (FOR 4 X 10/16/25 MM² CABLES)	547120030	68		•	•	•
	CABLE JOINT TO ELECTRIC PUMP	AAGCA	80		•	•	•

GROUNDWATER AND IRRIGATION ACCESSORIES

SHIELDED CABLE EXTENSION KIT	DESCRIPTION	CODE	PRICE €
	SHIELDED CABLE EXTENSION KIT 4G1.5 FOR MICRA HS - 30M	60180969	346
	SHIELDED CABLE EXTENSION KIT 4G1.5 FOR MICRA HS - 60M	60180970	640
	SHIELDED CABLE EXTENSION KIT 4G1.5 FOR MICRA HS - 90M	60180971	1.248

MOTOR CABLE KIT	DESCRIPTION	CODE	PRICE €	4GG	4TW	4OL	6GF
	CABLE KIT 4GX1.5 MM2 - LENGTH 20 M. WITH CONNECTOR FOR 4GG/4OL MOTORS	60153539	160	•		•	
	CABLE KIT 4GX1.5 MM2 - LENGTH 40 M. WITH CONNECTOR FOR 4GG/4OL MOTORS	60153541	296	•		•	
	CABLE KIT 4GX1.5 MM2 - LENGTH 60 M. WITH CONNECTOR FOR 4GG/4OL MOTORS	60153543	521	•		•	
	CABLE KIT 4GX1.5 MM2 - LENGTH 80 M. WITH CONNECTOR FOR 4GG/4OL MOTORS	60153544	685	•		•	
	CABLE KIT 4GX1.5 MM2 - LENGTH 100 M. WITH CONNECTOR FOR 4GG/4OL MOTORS	60185874	854	•		•	
	CABLE KIT 4GX2.5 MM2 - LENGTH 20 M. WITH CONNECTOR FOR 4GG/4OL MOTORS	60153547	246	•		•	
	CABLE KIT 4GX2.5 MM2 - LENGTH 40 M. WITH CONNECTOR FOR 4GG/4OL MOTORS	60153614	466	•		•	
	CABLE KIT 4GX2.5 MM2 - LENGTH 60 M. WITH CONNECTOR FOR 4GG/4OL MOTORS	60185875	734	•		•	
	CABLE KIT 4GX2.5 MM2 - LENGTH 80 M. WITH CONNECTOR FOR 4GG/4OL MOTORS	60185876	968	•		•	
	CABLE KIT 4GX2.5 MM2 - LENGTH 100 M. WITH CONNECTOR FOR 4GG/4OL MOTORS	60153550	1.209	•		•	
	CABLE KIT 3GX1.5 MM2 - LENGTH 30 M. WITH CONNECTOR FOR 4TW MOTORS	60153537	192		•		
	CABLE KIT 4GX4 MM2 - LENGTH 20 M. WITH CONNECTOR FOR 6GF MOTORS	60172853	332				•
	CABLE KIT 4GX4 MM2 - LENGTH 40 M. WITH CONNECTOR FOR 6GF MOTORS	60185877	642				•
	CABLE KIT 4GX4 MM2 - LENGTH 60 M. WITH CONNECTOR FOR 6GF MOTORS	60185878	948				•
	CABLE KIT 4GX4 MM2 - LENGTH 80 M. WITH CONNECTOR FOR 6GF MOTORS	60185879	1.255				•
	CABLE KIT 4GX4 MM2 - LENGTH 100 M. WITH CONNECTOR FOR 6GF MOTORS	60185880	1.559				•
	CABLE KIT 4GX6 MM2 - LENGTH 20 M. WITH CONNECTOR FOR 6GF MOTORS	60185881	403				•
	CABLE KIT 4GX6 MM2 - LENGTH 40 M. WITH CONNECTOR FOR 6GF MOTORS	60178067	781				•
	CABLE KIT 4GX6 MM2 - LENGTH 60 M. WITH CONNECTOR FOR 6GF MOTORS	60185882	1.162				•
	CABLE KIT 4GX6 MM2 - LENGTH 80 M. WITH CONNECTOR FOR 6GF MOTORS	60185883	1.537				•
	CABLE KIT 4GX6 MM2 - LENGTH 100 M. WITH CONNECTOR FOR 6GF MOTORS	60185884	1.917				•
	CABLE KIT 4GX10 MM2 - LENGTH 20 M. WITH CONNECTOR FOR 6GF MOTORS	60185885	787				•
	CABLE KIT 4GX10 MM2 - LENGTH 40 M. WITH CONNECTOR FOR 6GF MOTORS	60185886	1.553				•
	CABLE KIT 4GX10 MM2 - LENGTH 60 M. WITH CONNECTOR FOR 6GF MOTORS	60185887	2.314				•
	CABLE KIT 4GX10 MM2 - LENGTH 80 M. WITH CONNECTOR FOR 6GF MOTORS	60185888	3.081				•
	CABLE KIT 4GX10 MM2 - LENGTH 100 M. WITH CONNECTOR FOR 6GF MOTORS	60185889	3.842				•

CORROSION PROTECTION KIT	DESCRIPTION	CODE	PRICE €
	ANTI-CORROSION KIT X GG200/300 KG (4" WATER-FILLED MOTOR)	60123038	84
	ANTI-CORROSION KIT X GG 600 KG (4" WATER-FILLED MOTOR)	60123039	98
	ANTI-CORROSION KIT X OL (4" OIL-FILLED MOTOR)	60151299	108

GROUNDWATER AND IRRIGATION ACCESSORIES

KIT PT100	DESCRIPTION	CODE	PRICE €	TR6/TR8	TR10 / TR12 Cast iron and AISI 316	TR10 / TR12 AISI 904
	KIT, PT100 6"-8" STD/N/R - CABLE 10MT - 33FT	60199218	245	•		
	KIT, PT100 6"-8" STD/N/R - CABLE 20MT - 66FT	60199219	379	•		
	KIT, PT100 6"-8" STD/N/R - CABLE 40MT - 131FT	60199220	647	•		
	KIT, PT100 6"-8" STD/N/R - CABLE 60MT - 197FT	60199221	917	•		
	KIT, PT100 6"-8" STD/N/R - CABLE 80MT - 262FT	60199222	1.183	•		
	KIT, PT100 6"-8" STD/N/R - CABLE 100MT - 328FT	60199223	1.452	•		
	KIT, PT100 6"-8" STD/N/R - CABLE 150MT - 492FT	60199224	1.930	•		
	KIT, PT100 6"-8" STD/N/R - CABLE 200MT - 656FT	60199225	2.807	•		
	KIT, PT100 6"-8" STD/N/R - CABLE 250MT - 820FT	60199226	3.476	•		
	KIT, PT100 6"-8" STD/N/R - CABLE 300MT - 984FT	60199227	4.378	•		
	KIT, PT100 6"-8" STD/N/R - CABLE 400MT - 1312FT	60199228	5.493	•		
	KIT, PT100 10"-12"-14" STD/N - CABLE 10M - 33FT	60199229	540		•	
	KIT, PT100 10"-12"-14" STD/N - CABLE 20M - 66FT	60199230	677		•	
	KIT, PT100 10"-12"-14" STD/N - CABLE 40M - 131FT	60199231	945		•	
	KIT, PT100 10"-12"-14" STD/N - CABLE 60M - 197FT	60199232	1.213		•	
	KIT, PT100 10"-12"-14" STD/N - CABLE 80M - 262FT	60199233	1.482		•	
	KIT, PT100 10"-12"-14" STD/N - CABLE 100M - 328FT	60199234	1.749		•	
	KIT, PT100 10"-12"-14" STD/N - CABLE 150M - 492FT	60199235	2.226		•	
	KIT, PT100 10"-12"-14" STD/N - CABLE 200M - 656FT	60199236	3.104		•	
	KIT, PT100 10"-12"-14" STD/N - CABLE 250M - 820FT	60199237	3.776		•	
	KIT, PT100 10"-12"-14" STD/N - CABLE 400M - 1312FT	60199238	5.792		•	
	KIT, PT100 10"-12"-14" R - CABLE 8M - 26FT	60199239	1.564			•
	KIT, PT100 10"-12"-14" R - CABLE 30M - 98FT	60199240	1.868			•

GROUNDWATER AND IRRIGATION ACCESSORIES

CB - CONTROL PANELS MANDATORY FOR SINGLE-PHASE PUMPS

- Shockproof thermoplastic housing with two cable glands
- Two-pole luminous main switch (live voltage)
- Protection degree: IP43
- Starting capacitor
- Thermal protection with external manual reset

	DESCRIPTION	CODE	PRICE €	POWER SUPPLY 50 Hz	P2 NOMINAL		PROTECTION	PRECISION CAST CAPACITOR	DIMENSIONS mm	GROSS WEIGHT Kg	MICRA
					KW	HP					
	CB 16/5	60149564	116	1x230 V ~	0,55	0,75	5 A	16	85 x 170 x 65	0,65	
	CB 20/6	60149565	116	1x230 V ~	0,75	1	6 A	20	85 x 170 x 65	0,65	
	CB 30/9	60149566	116	1x230 V ~	1,1	1,5	9 A	30	85 x 170 x 65	0,65	
	CB 35/12	60148895	116	1x230 V ~	1,5	2	12 A	35	85 x 170 x 65	0,65	
	CBS 05/12	60140961	105	1x230 V~	0,37	0,5	5 A	12	85 x 170 x 65	0,65	MICRA 50 M
	CBS 06/16	60140962	111	1x230 V~	0,55	0,75	6 A	16	85 x 170 x 65	0,65	MICRA 75 M
	CBS 07/20	60140963	111	1x230 V~	0,75	1	7 A	20	85 x 170 x 65	0,65	MICRA 100 M

ESC PLUS

Electronic panel for protection, monitoring and control of single/three-phase motor/pump with direct starting.

Dual panel calibration mode: automatic / manual

Motor/pump protection against dry-running is not by means of a level probe but by measuring the cos of the motor.

Shockproof and self-extinguishing thermoplastic housing with two cable glands.

Main switch.

Power supply: single-phase 230 V +10% - 20%, three-phase 400 V +10% - 20%.

Four models available for power ratings from 0.5 HP to 15 HP.

Digital display with status indicators.

Protection degree IP54.

Starting capacitor for single-phase version (to be ordered separately)

Opto-isolated auxiliary input for control by probes, pressure switch or float

ON-OFF switch.

Functional characteristics:

Overload protection.

Phase failure protection (three-phase version).

Surge protection.

Short-circuit protection.

Dry run protection.

	DESCRIPTION	CODE	PRICE €	POWER SUPPLY 50-60 Hz	RANGE HP	MAX CURRENT A	PANEL DIMENSIONS			WEIGHT kg.
							A	B	H	
	ESC PLUS 3M 220-240 V	60149590	421	1x230V,	0,5 - 3	<18	175	175	80	0,9
	ESC PLUS 4T 3X400V	60149591	485	3x400V,	0,5 - 4	<9	245	195	95	1
	ESC PLUS 10T 3X400V	60149592	710	3x400V,	5,5 - 10	<20	215	170	75	1,4
	ESC PLUS 15T 3X400V	60149593	784	3x400V,	12,5 - 15	<30	215	170	75	1,6

GROUNDWATER AND IRRIGATION ACCESSORIES

CONTROL BOX 4"

Electrical control panel for operating single-phase submersible electric pumps, containing manual reset thermal protection, capacitor and terminal board for electrical connections and possible pressure switch/float connection.

Complete with 1.5 m cable with SCHUKO CEE 7- VII plug - UNEL 47166-168 Wall-mounting box made of self-extinguishing thermoplastic material.

	SINGLE-PHASE MODEL	CODE	PRICE €	MOTOR POWER kW	AMPER. PROTECTION AMP	CAPACITOR μ F	WEIGHT kg.
	CONTROL BOX 4" 0.5	108003210	105	0,37	4	16	1,7
	CONTROL BOX 4" 0.75	108003220	116	0,55	5	20	1,7
	CONTROL BOX 4" 1	108003270	116	0,75	7	25	1,7
	CONTROL BOX 4" 1.5	108003280	135	1,1	10	35	1,7
	CONTROL BOX 4" 2	108003290	135	1,5	13	40	1,7
	CONTROL BOX 4" 3	108003300	181	2,2	16	60	1,7

4" CONTROL BOOSTER BOX

4" Control Booster Box

Control panel for increasing the starting torque of the single-phase electric pumps with capacities ranging from 0.37 to 3.7 kW single-phase containing the microdisgiuntore for overload protection with manual reset, the starting condenser and run condenser and terminal block for electrical connections.

Plug not included.

Degree of protection: IP54.

Ambient operating temperature: -10 °C + 40 °C.

Wall mounting box in self-extinguishing thermoplastic material.

	MODEL	CODE	PRICE €	POWER SUPPLY 50 Hz	MOTOR POWER kW	MAX CURRENT A	CAPACITOR μ F	STARTING CAPACITOR μ F	WEIGHT Kg
	CBB 05/15 (0,37 KW)	4616050	193	1 x 230 V	0,37	5	16	53-64	0,85
	CBB 06/20 (0,55KW)	4620060	193	1 x 230 V	0,55	6	20	53-64	0,85
	CBB 09/25 (0,75 KW)	4625090	206	1 x 230 V	0,75	9	25	100-130	1,5
	CBB 12/35 (1,1 KW)	4635120	209	1 x 230 V	1,1	12	35	100-130	1,1
	CBB 15/40 (1,5KW)	4640150	218	1 x 230 V	1,5	15	40	189-250	1,1
	CBB 20/60 (2,2 KW)	49050200	289	1 x 230 V	2,2	20	60	189-250	1,5
	CBB 32/90 (3,7 KW)	49090320	306	1 x 230 V	3,7	32	90	315-400	1,5

GROUNDWATER AND IRRIGATION ACCESSORIES

ES 1 M - ES 3 M

Electrical control panel for dry run protection of single-phase submersible electric pumps (see table). The panel is protected and protects the electric pump from overloads, short circuits and manual reset. Can be operated with 1, 2 or 3 probes depending on the application.

Protection degree IP55. Operating range: -10°C to +40°C.
Supplied as standard with one electrode probe and wall mounting brackets.
Wall-mounting box made of self-extinguishing thermoplastic material.

	DESCRIPTION	CODE	PRICE €	POWER SUPPLY 50-60 Hz	POWER kW p2 MOT.	Max system power rating (kW)	MAX CURRENT A	PANEL DIMENSIONS			WEIGHT kg.
								A	B	H	
	ES 1 M	108000130	982	1x220-240 V,	0,37-0,55-0,75	1,85	10	270	300	190	5,6
	ES 3 M	108000140	1.056	1x220-240 V,	1,1-1,5-2,2	2,2	16	270	300	190	5,6

ES 0.75 T - 1 T - 1.5 T - 3 T - 4 T - 7.5 T

Electrical control panel for dry run protection of three-phase submersible electric pumps (see table).
The panel is protected and protects the electric pump from overloads, short circuits and manual reset.
Can be operated with 1, 2 or 3 probes depending on the application.

Protection degree IP55.
Operating range: -10°C to +40°C.
Supplied as standard with one electrode probe and wall mounting brackets.
Wall-mounting box made of self-extinguishing thermoplastic material.

	DESCRIPTION	CODE	PRICE €	POWER SUPPLY 50-60 Hz	POWER kW p2 MOT.	Max system power rating (kW)	MAX CURRENT A	PANEL DIMENSIONS			WEIGHT kg.
								A	B	H	
	ES 0.75 T	108000240	1.135	3x400 V	0,37-0,55	0,88	1,6	270	300	190	5,6
	ES 1 T	108000250	1.135	3x400 V	0,75	1,38	2,5	270	300	190	5,6
	ES 1.5 T	108000260	1.135	3x400 V	1,1	2,2	4	270	300	190	5,6
	ES 3 T	108000270	1.135	3x400 V	1,5 - 2,2	3,5	6,3	270	300	190	5,6
	ES 4 T	108000280	1.182	3x400 V	3	5,5	10	270	300	190	5,6
	ES 7.5 T	108000290	1.207	3x400 V	4 - 5,5	7,5	14	270	300	190	5,6

CONTROL UNIT - ES

Electrical control panels for the protection and automatic operation via float(s) of three-phase submersible pumps in single installation.

Available for both direct and star-delta starting.

Wall-mounting box made of self-extinguishing thermoplastic material.

The panel is self-protected and protects the electric pump from overloads, short circuits, phase failure and manual reset.

Complete with:

- Power line disconnect device with padlockable port locking handle;
- Self-protected transformer for 24 V external control power supply;

- Terminals for connecting the electric pump and minimum/maximum control floats;
- Probe module for monitoring dry running;
- Terminals for connecting an alarm control and remote installation of an audible or visual alarm (potential-free)
- Front panel switch for manual - 0 - automatic pump operation;
- Degree of protection: IP55
- Panels constructed in compliance with EN 60204-1 and EN 60439-1
- Supplied as standard with one electrode probe

	SINGLE-PHASE MODEL	CODE	PRICE €	POWER SUPPLY 50-60 Hz	P2 NOMINAL kW	MAX CURRENT A	WEIGHT kg.
	ES 7.5 T	108000290	1.207	3 x 400 V	4 - 5,5	14	5,6
	ES 10 T	108000600	1.505	3 x 400 V	7,5	18	5,6
	ES 12.5 T	108000610	1.579	3 x 400 V	9,2	23	5,9
	ES 15 T	108000620	1.579	3 x 400 V	11	25	8
	ES 20 T	108000630	1.924	3 x 400 V	15	32	8,1
	ES 25 T	108000640	2.346	3 x 400 V	18,5	40	8,3
	ES 30 T	108000650	2.429	3 x 400 V	22	63	8,5
	ES 40 T	108000660	3.261	3 x 400 V	30	80	8,2
	ES 50 T	108000670	4.266	3 x 400 V	37	90	9
	ES 60 T	108000680	4.490	3 x 400 V	45	100	9
	ES 10 T S/D	108000700	1.917	3 x 400 V	7,5	18	5,6
	ES 12.5 T S/D	108000710	1.952	3 x 400 V	9,2	25	5,9
	ES 15 T S/D	108000720	2.141	3 x 400 V	11	25	8
	ES 20 T S/D	108000730	2.395	3 x 400 V	15	32	8,1
	ES 25 T S/D	108000740	2.603	3 x 400 V	18,5	40	8,3
	ES 30 T S/D	108000750	3.145	3 x 400 V	22	63	8,5
	ES 40 T S/D	108000760	3.922	3 x 400 V	30	80	8,2
	ES 50 T S/D	108000770	5.335	3 x 400 V	37	90	9
	ES 60 T S/D	108000780	5.573	3 x 400 V	45	100	9

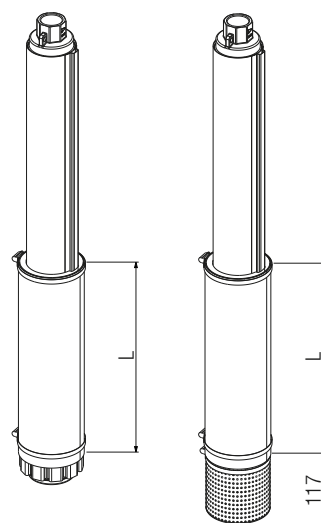
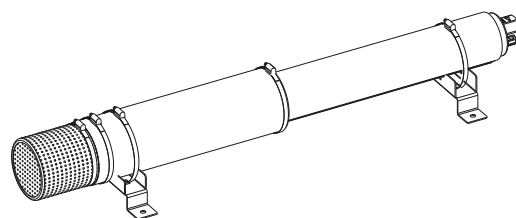
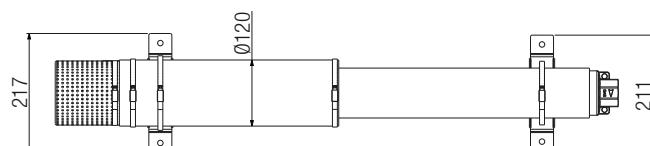
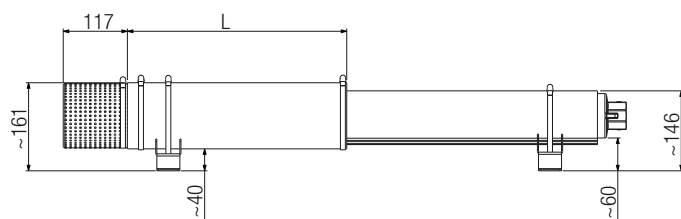
COOLING LINERS FOR 4" SUBMERSIBLE PUMP

Cooling liner kits of different lengths, which can be used to allow perfect cooling of the 4" motor in case of installation in tanks or cisterns or where a minimum cooling flow to the motor itself is not ensured.

The choice of pipe length should be made according to the power and type of motor as shown in the table below.

	MOTOR POWER		FREQUENCY	MOTOR TYPE		
	HP	KW		4 GG	4 OL	4 GG 2W
SINGLE-PHASE	0,5	0,37	50	KIT 400	KIT 400	KIT 400
	0,75	0,55			KIT 400	KIT 525
	1	0,75		KIT 525	KIT 525	
	1,5	1,1			KIT 525	KIT 885
	2	1,5		KIT 885	KIT 885	
	3	2,2			KIT 885	
	4	3				
	5	3,7				
	5,5	4				
	0,5	0,37	60	KIT 400	KIT 400	KIT 525
	0,75	0,55		KIT 525	KIT 400	KIT 885
	1	0,75			KIT 525	
	1,5	1,1		KIT 525		
	2	1,5		KIT 885	KIT 885	
3	2,2					
5	3,7					
5,5	4					

THREE-PHASE	0,5	0,37	50	KIT 400	KIT 400
	0,75	0,55			KIT 400
	1	0,75		KIT 525	KIT 525
	1,5	1,1			KIT 525
	2	1,5		KIT 885	KIT 885
	3	2,2			KIT 885
	4	3			KIT 885
	5,5	4			
	7,5	5,5			
	10	7,5			
	0,5	0,37	60	KIT 400	KIT 400
	0,75	0,55		KIT 525	KIT 400
	1	0,75			KIT 525
	1,5	1,1		KIT 885	KIT 525
	2	1,5			KIT 885
	3	2,2			KIT 885
	4	3			
	5,5	4			
7,5	5,5				
10	7,5				



Data on TESLA/DAB motors

	DESCRIPTION	CODE	PRICE €
	COOLING TUBE KIT L400	60125178	304
	COOLING TUBE KIT L525	60125179	352
	COOLING TUBE KIT L885	60125180	411
	COOLING HORIZONTAL SUPPORTS KIT	60125181	210
	COOLING FILTER KIT	60125182	235

COOLING LINERS FOR 6" SUBMERSIBLE PUMP

Cooling liner kits of different lengths, which can be used to allow perfect cooling of the 6" motor in case of installation in tanks or cisterns or where a minimum cooling flow to the motor itself is not ensured.

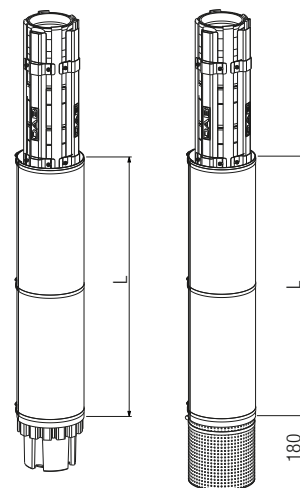
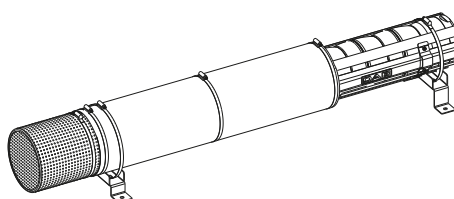
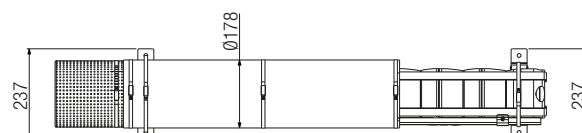
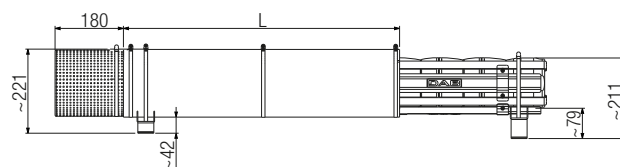
The choice of pipe length should be made according to the power and type of motor as shown in the table below.

USABLE WITH S6, SR6 AND SM6 ELECTRIC PUMPS COMBINED WITH 6" MOTOR.

		MOTOR POWER		FREQUENCY	MOTOR TYPE			
		HP	KW		6GF - GX	TR6	6GF HEAVY DUTY	
SINGLE-PHASE	5	3,7	50-60	KIT L960				
	7,5	5,5						
	10	7,5						
	15	11						
THREE-PHASE	5,5	4		KIT 725	KIT 960			
	7,5	5,5						
	10	7,5		KIT 960				
	12,5	9,2						
	15	11			KIT 1220			
	17,5	13						
	20	15		KIT 960				
	25	18,5						
	30	22		KIT 1220	KIT 1220			
	35	26						
	40	30		KIT 1490	KIT 1490	KIT 1490		
	50	37						
	60	57						

	MOTOR POWER		FREQUENCY	MOTOR 4GG+SS6
	HP	kW		
SINGLE-PHASE	0,5	0,37	50-60	KIT 725
	0,75	0,55		
	1	0,75		
	1,5	1,1		
	2	1,5		
	3	2,2		
	4	3		
	5	3,7		KIT 960
THREE-PHASE	5,5	4		
	0,5	0,37		KIT 725
	0,75	0,55		
	1	0,75		
	1,5	1,1		
	2	1,5		
	3	2,2		
	4	3		
	5,5	4		KIT 960
	7,5	5,5		
	10	7,5		KIT 1220

Data on TESLA/DAB motors



	DESCRIPTION	CODE	PRICE €
	COOLING TUBE KIT L725	60144213	665
	COOLING TUBE KIT L960	60144217	809
	COOLING TUBE KIT L1220	60144218	952
	COOLING TUBE KIT L1490	60146397	1.092
	COOLING HORIZONTAL SUPPORTS KIT	60146398	355
	COOLING FILTER KIT	60146399	261

In order to determine the cooling flow speed v [m/s] along the motor liner, the following formula can be used:

$$v = \frac{Q}{\pi \cdot \left(\frac{D^2}{4} - \frac{d^2}{4} \right)}$$

Q [m³/s] = flow at the point of operation of the electric pump
 v [m/s] = cooling flow speed

On the other hand, in order to determine the correct diameter of the cooling liner, to ensure that the minimum required cooling flow condition is met at a certain pump flow level, the following formula can be used:

$$D = \sqrt{4 \cdot \left(\frac{Q}{v \cdot \pi} + \frac{d^2}{4} \right)}$$

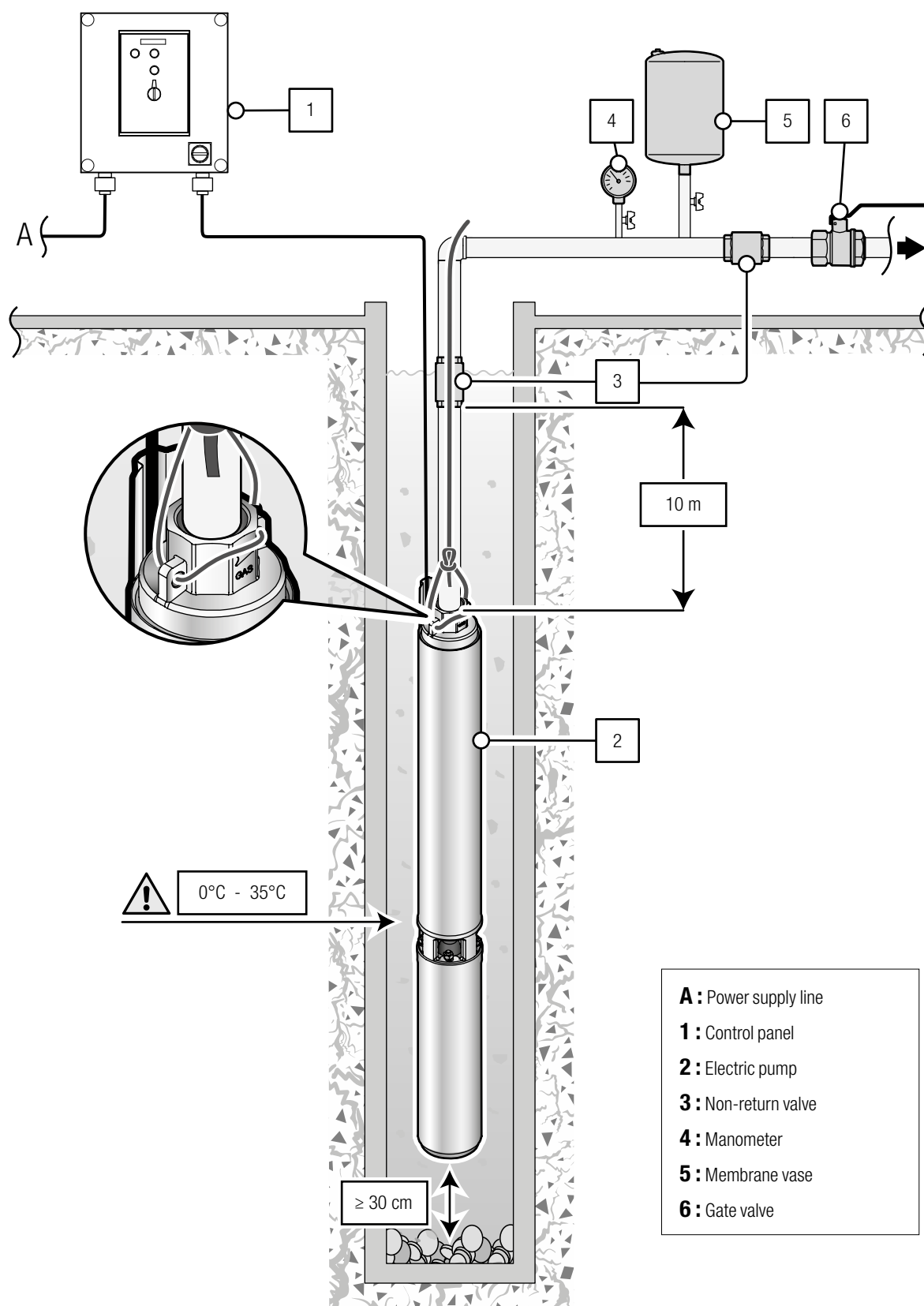
D [m] = well diameter
 d [m] = motor diameter

TECHNICAL APPENDIX

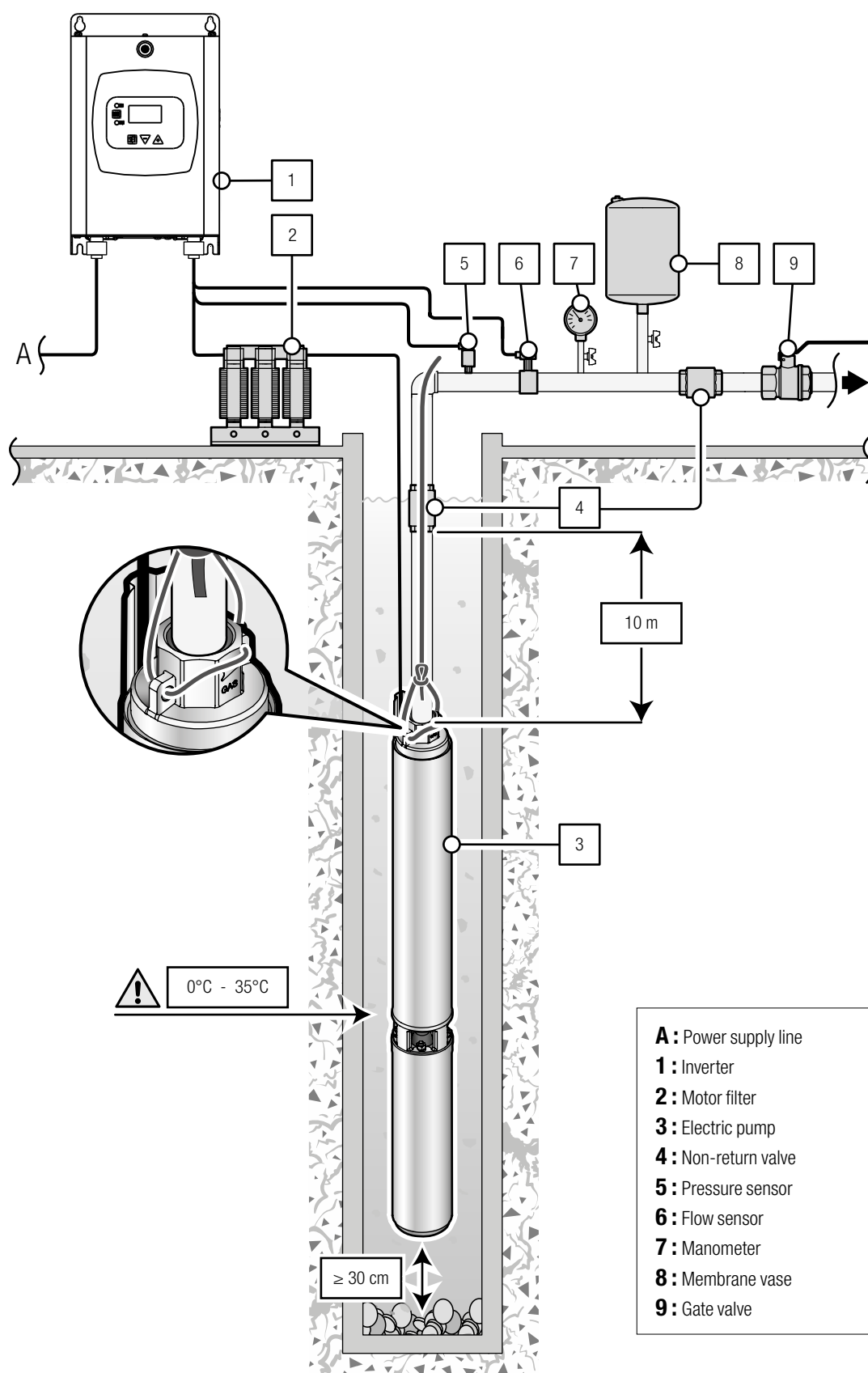
TECHNICAL APPENDIX

GROUNDWATER AND IRRIGATION

EXAMPLE OF INSTALLATION OF A SUBMERSIBLE ELECTRIC PUMP



EXAMPLE OF INSTALLATION OF A SUBMERSIBLE ELECTRIC PUMP CONTROLLED BY INVERTER



TECHNICAL APPENDIX

GROUNDWATER AND IRRIGATION

DETERMINATION OF THE CROSS SECTION OF THE POWER CABLE

SINGLE-PHASE 4" MOTOR (4GG)

CABLE SIZING TAKING INTO ACCOUNT A 3% VOLTAGE DROP; FLAT CABLE LAID IN WATER AT A TEMPERATURE OF 30°C

MOTOR TYPE	NOMINAL POWER		NOMINAL VOLTAGE V	MOTOR NOMINAL CURRENT In (A)	Cos φ	Cable section: 4x ...mm ²								
						mm ²	1,5	2,5	4	6	10	16	25	
	H max	19				25	34	43	60	80	101			
	Maximum length in metres (m)													
4"	0,37	0,5	1x230	3,3	0,97		81	134	215	321	534			
4"	0,55	0,75	1x230	4,6	0,94		60	99	159	237	393			
4"	0,75	1	1x230	6,2	0,92		45	75	120	180	297	472		
4"	1,1	1,5	1x230	8,6	0,9		33	55	88	132	219	346	533	
4"	1,5	2	1x230	11	0,91		26	43	68	102	169	268	413	
4"	2,2	3	1x230	15	0,89		19	32	51	77	127	200	308	
4"	3	4	1x230	23,5	0,9			20	32	48	80	127	195	
4"	3,7	5	1x230	25	0,95			18	29	43	72	114	176	
4"	4	5,5	1x230	27	0,96					26	40	66	105	162

THREE-PHASE 4" MOTOR (4GG)

CABLE SIZING TAKING INTO ACCOUNT A 3% VOLTAGE DROP; FLAT CABLE LAID IN WATER AT A TEMPERATURE OF 30°C

MOTOR TYPE	NOMINAL POWER		NOMINAL VOLTAGE V	MOTOR NOMINAL CURRENT In (A)	Cos φ	Cable section: 4x ...mm ²							
						mm ²	1,5	2,5	4	6	10	16	25
	kW	HP				H max	19	25	34	43	60	80	101
Maximum length in metres (m)													
4"	0,37	0,5	3x400	1,4	0,66		557						
4"	0,55	0,75	3x400	1,9	0,72		377						
4"	0,75	1	3x400	2,4	0,72		298	496					
4"	1,1	1,5	3x400	3,4	0,76		200	332	528				
4"	1,5	2	3x400	4,4	0,72		163	270	430				
4"	2,2	3	3x400	5,9	0,78		112	186	297	443			
4"	3	4	3x400	8,3	0,71		88	145	231	344	566		
4"	4	5,5	3x400	10	0,79		65	109	173	258	425		
4"	5,5	7,5	3x400	14	0,74		50	83	132	196	323	507	
4"	7,5	10	3x400	17,4	0,8		37	62	98	147	242	381	581

For 230V three-phase divide the maximum length by 1.73

TECHNICAL APPENDIX

GROUNDWATER AND IRRIGATION

DETERMINATION OF THE CROSS SECTION OF THE POWER CABLE

SINGLE-PHASE 4" MOTOR (40L)

CABLE SIZING TAKING INTO ACCOUNT A 3% VOLTAGE DROP; FLAT CABLE LAID IN WATER AT A TEMPERATURE OF 30°C

MOTOR TYPE	NOMINAL POWER		NOMINAL VOLTAGE V	MOTOR NOMINAL CURRENT In (A)	Cos φ	Cable section: 4x ...mm ²							
						mm ²	1,5	2,5	4	6	10	16	25
	H max	19				25	34	43	60	80	101		
	Maximum length in metres (m)												
4"	0,37	0,5	1x230	3,5	0,9		82	136	217	325	537		
4"	0,55	0,75	1x230	4,5	0,92		62	104	165	247	410		
4"	0,75	1	1x230	6,3	0,88		46	77	123	184	305	482	
4"	1,1	1,5	1x230	8,5	0,91		33	55	88	132	219	347	534
4"	1,5	2	1x230	10,8	0,87		27	46	73	109	180	284	436
4"	2,2	3	1x230	15	0,87		20	33	52	78	129	204	314
4"	3	4	1x230	23,5	0,9			20	32	48	80	127	195
4"	3,7	5	1x230	25,4	0,95				28	43	71	112	173
4"	4	5,5	1x230	27	0,96					26	40	66	105

THREE-PHASE 4" MOTOR (40L)

CABLE SIZING TAKING INTO ACCOUNT A 3% VOLTAGE DROP; FLAT CABLE LAID IN WATER AT A TEMPERATURE OF 30°C

MOTOR TYPE	NOMINAL POWER		NOMINAL VOLTAGE V	MOTOR NOMINAL CURRENT In (A)	Cos φ	Cable section: 4x ...mm²							
						mm²	1,5	2,5	4	6	10	16	25
	H max	19				25	34	43	60	80	101		
	Maximum length in metres (m)												
4"	0,37	0,5	3x400	1,2	0,77		559						
4"	0,55	0,75	3x400	2,2	0,64		366	606					
4"	0,75	1	3x400	2,6	0,68		291	484					
4"	1,1	1,5	3x400	3,6	0,68		211	349	555				
4"	1,5	2	3x400	4,6	0,68		165	273	435	647			
4"	2,2	3	3x400	6	0,71		121	201	320	476			
4"	3	4	3x400	7,5	0,77		89	148	236	352	581		
4"	4	5,5	3x400	9,6	0,79		68	113	180	269	443	698	
4"	5,5	7,5	3x400	13,1	0,8		49	82	130	195	321	506	
4"	7,5	10	3x400	16,9	0,81		38	63	100	149	246	388	592

For 230V three-phase divide the maximum length by 1.73

TECHNICAL APPENDIX

GROUNDWATER AND IRRIGATION

DETERMINATION OF THE CROSS SECTION OF THE POWER CABLE

THREE-PHASE 6" ENCAPSULATED MOTOR (6GF, 6GX)

CABLE SIZING TAKING INTO ACCOUNT A 3% VOLTAGE DROP; FLAT CABLE LAID IN WATER AT A TEMPERATURE OF 30°C

MOTOR TYPE	NOMINAL POWER		NOMINAL VOLTAGE V	MOTOR NOMINAL CURRENT In (A)	Cos φ	Cable section: 4x ...mm ²								
						mm ²	4	6	10	16	25	35	50	70
	H max	34				43	60	80	101	126	153	196		
	Maximum length in metres (m)													
6"	3,7	5	1x230	25	0,98		28	42	70	111	173	240	339	469
6"	5,5	7,5	1x230	33,5	0,98		21	31	52	83	129	179	253	350
6"	7,5	10	1x230	44	0,99				39	63	98	136	193	268
6"	11	15	1x230	65	0,99					43	66	92	131	181

THREE-PHASE 6" ENCAPSULATED MOTOR (6GF, 6GX)

CABLE SIZING TAKING INTO ACCOUNT A 3% VOLTAGE DROP; FLAT CABLE LAID IN WATER AT A TEMPERATURE OF 30°C - DIRECT START-UP

MOTOR TYPE	NOMINAL POWER		NOMINAL VOLTAGE V	MOTOR NOMINAL CURRENT In (A)	Cos φ	Cable section: 4x ...mm²								
						mm²	4	6	10	16	25	35	50	70
	H max	34				43	60	80	101	126	153	196		
	Maximum length in metres (m)													
6"	4	5,5	3x400	10,6	0,75		172	256	421					
6"	5,5	7,5	3x400	14	0,75		130	194	319	501				
6"	7,5	10	3x400	18	0,78		97	145	239	376	573			
6"	9,3	12,5	3x400	22	0,8		78	116	191	301	459			
6"	11	15	3x400	25,5	0,82		65	98	161	254	388	532		
6"	15	20	3x400	33,4	0,8		51	76	126	198	303	414	570	
6"	18,5	25	3x400	41	0,8			62	103	162	246	337	464	
6"	22	30	3x400	47	0,84				86	135	207	283	392	528
6"	26	35	3x400	57	0,83				71	113	172	236	326	438
6"	30	40	3x400	61,5	0,85					102	156	215	298	401
6"	37	50	3x400	79,3	0,84					80	122	168	233	313
6"	45	60	3x400	95	0,83						103	141	196	263

THREE-PHASE 6" ENCAPSULATED MOTOR (6GF, 6GX)

CABLE SIZING TAKING INTO ACCOUNT A 3% VOLTAGE DROP; FLAT CABLE LAID IN WATER AT A TEMPERATURE OF 30°C - STAR/DELTA START-UP

MOTOR TYPE	NOMINAL POWER		NOMINAL VOLTAGE V	MOTOR NOMINAL CURRENT In (A)	Cos φ	Cable section: 4x ...mm²								
						mm²	4	6	10	16	25	35	50	70
	H max	59				74	104	139	175	218	265	339		
	Maximum length in metres (m)													
6"	4	5,5	3x400	10,6	0,75		257	384						
6"	5,5	7,5	3x400	14	0,75		195	290	478					
6"	7,5	10	3x400	18	0,78		146	218	359	565				
6"	9,3	12,5	3x400	22	0,8		117	174	287	452				
6"	11	15	3x400	25,5	0,82		98	146	242	381	583			
6"	15	20	3x400	33,4	0,8		77	114	189	298	454			
6"	18,5	25	3x400	41	0,8		63	93	154	242	370	505		
6"	22	30	3x400	47	0,84		52	78	128	203	310	425	589	
6"	26	35	3x400	57	0,83		43	65	107	169	258	354	489	
6"	30	40	3x400	61,5	0,85			59	97	153	235	322	447	
6"	37	50	3x400	79,3	0,84				76	120	184	252	349	470
6"	45	60	3x400	95	0,83				64	101	155	212	294	394

For 230V three-phase divide the maximum length by 1.73. Multiply the absorbed current by 1.73 and only consider the section smaller than the I max maximum permissible current

TECHNICAL APPENDIX

GROUNDWATER AND IRRIGATION

DETERMINATION OF THE CROSS SECTION OF THE POWER CABLE

THREE-PHASE 6" WINDING MOTORS (TR 6, TR 12)

CABLE SIZING TAKING INTO ACCOUNT A 3 % VOLTAGE DROP - DIRECT START-UP

MOTOR TYPE	NOMINAL POWER		NOMINAL VOLTAGE V	MOTOR NOMINAL CURRENT In (A)	Cos φ	Cable section: 1x ...mm ²							
						mm ²	6	10	16	25	35	50	70
						H max	43	60	80	101	126	153	196
						Maximum length in metres (m)							
6"	5,5	7,5	3x400	13	0,81		192	317	498	757			
6"	7,5	10	3x400	18	0,8		141	231	363	552	753		
6"	9,3	12,5	3x400	21	0,81		119	196	308	469	640	878	
6"	11	15	3x400	25	0,82		99	163	256	390	533	732	976
6"	13	17,5	3x400	29	0,82		85	140	221	336	459	631	841
6"	15	20	3x400	32	0,83		76	126	198	302	413	568	758
6"	18,5	25	3x400	39	0,83		63	103	163	248	339	466	622
6"	22	30	3x400	49	0,79			86	135	205	279	382	507
6"	26	35	3x400	58	0,79			73	114	173	236	323	428
6"	30	40	3x400	65	0,81				100	151	207	284	377
6"	37	50	3x400	80	0,81				81	123	168	231	307
6"	45	60	3x400	93,1	0,85					102	140	193	258

Free air installation at maximum temperature of 35 °C

THREE-PHASE 6" WINDING MOTORS (TR 6, TR 12)

CABLE SIZING TAKING INTO ACCOUNT A 3 % VOLTAGE DROP - STAR/DELTA START-UP

MOTOR TYPE	NOMINAL POWER		NOMINAL VOLTAGE V	MOTOR NOMINAL CURRENT In (A)	Cos φ	Cable section: 1x ...mm ²							
						mm ²	6	10	16	25	35	50	70
						H max	74	104	139	175	218	265	339
						Maximum length in metres (m)							
6"	5,5	7,5	3x400	13	0,81		289	475	747				
6"	7,5	10	3x400	18	0,8		211	347	545	828			
6"	9,3	12,5	3x400	21	0,81		179	294	462	703	960		
6"	11	15	3x400	25	0,82		148	244	384	585	799		
6"	13	17,5	3x400	29	0,82		128	211	331	504	689	947	
6"	15	20	3x400	32	0,83		115	189	297	453	619	852	
6"	18,5	25	3x400	39	0,83		94	155	244	372	508	699	933
6"	22	30	3x400	49	0,79		78	129	202	307	419	573	760
6"	26	35	3x400	58	0,79		66	109	171	260	354	484	642
6"	30	40	3x400	65	0,81		58	95	149	227	310	426	566
6"	37	50	3x400	80	0,81			77	121	185	252	346	460
6"	45	60	3x400	93,1	0,85			64	100	153	209	289	387

Free air installation at maximum temperature of 35 °C

TECHNICAL APPENDIX

GROUNDWATER AND IRRIGATION

DETERMINATION OF THE CROSS SECTION OF THE POWER CABLE

THREE-PHASE 8" WINDING MOTORS (TR 6, TR 12)

CABLE SIZING TAKING INTO ACCOUNT A 3 % VOLTAGE DROP - DIRECT START-UP

2P

MOTOR TYPE	NOMINAL POWER		NOMINAL VOLTAGE V	MOTOR NOMINAL CURRENT In (A)	Cos φ	Cable section: 1x ...mm²														
						mm²	6	10	16	25	35	50	70	95	120	150	185	240	300	
	H max	43				60	80	101	126	153	196	238	276	319	364	430	497			
	Maximum length in metres (m)																			
8"	22	30	3x400	45	0,84			89	139	213	291	401	536	691	830	977				
8"	26	35	3x400	54	0,85			73	115	176	241	332	444	573	690	814	946			
8"	30	40	3x400	61	0,85				102	156	213	294	393	508	611	721	837			
8"	37	50	3x400	75	0,85				83	127	173	239	320	413	497	586	681	814	940	
8"	45	60	3x400	92	0,82					106	145	199	265	340	408	478	553	657	754	
8"	55	75	3x400	109	0,85						119	165	220	284	342	403	469	560	647	
8"	63	85	3x400	126	0,83						105	144	192	248	297	349	404	481	553	
8"	75	100	3x400	145	0,86							123	165	213	257	303	353	423	489	
8"	92	125	3x400	177	0,86								135	174	210	248	289	346	401	
8"	110	150	3x400	213	0,87									145	174	207	241	289	335	

4P

8"	11	15	3x400	25,9	0,77		101	166	261	395	538	735	971						
8"	15	20	3x400	33,7	0,81		74	122	192	292	399	547	728	933					
8"	18,5	25	3x400	41,4	0,81		60	99	156	238	325	446	592	759	908				
8"	22	30	3x400	49,7	0,8		51	84	132	200	273	374	496	635	759	888			
8"	26	35	3x400	58	0,8		44	72	113	171	234	320	425	544	650	761	876		
8"	30	40	3x400	64,8	0,83		38	62	98	149	204	281	374	481	577	679	786	935	
8"	37	50	3x400	81,8	0,8		31	51	80	122	166	227	302	386	461	539	621	735	841

THREE-PHASE 8" WINDING MOTORS (TR 6, TR 12)

CABLE SIZING TAKING INTO ACCOUNT A 3 % VOLTAGE DROP - STAR/DELTA START-UP

2P

MOTOR TYPE	NOMINAL POWER		NOMINAL VOLTAGE V	MOTOR NOMINAL CURRENT In (A)	Cos φ	Cable section: 1x ...mm²														
						mm²	6	10	16	25	35	50	70	95	120	150	185	240	300	
	H max	74				104	139	175	218	265	339	412	478	553	630	745	861			
	Maximum length in metres (m)																			
8"	22	30	3x400	45	0,84		81	133	209	319	437	602	804							
8"	26	35	3x400	54	0,85		66	110	173	264	361	498	667	860						
8"	30	40	3x400	61	0,85		59	97	153	233	320	441	590	761	916					
8"	37	50	3x400	75	0,85			79	124	190	260	359	480	619	745	879				
8"	45	60	3x400	92	0,82			66	104	159	217	299	398	510	611	718	830	985		
8"	55	75	3x400	109	0,85				86	131	179	247	330	426	513	605	703	840	970	
8"	63	85	3x400	126	0,83				75	115	157	216	289	371	445	524	606	721	830	
8"	75	100	3x400	145	0,86					97	133	184	247	319	385	455	530	634	734	
8"	92	125	3x400	177	0,86						109	151	202	262	315	373	434	520	601	
8"	110	150	3x400	213	0,87						90	125	167	217	262	310	361	434	503	

4P

8"	11	15	3x400	25,9	0,77		152	250	391	593	807								
8"	15	20	3x400	33,7	0,81		111	183	288	438	598	821							
8"	18,5	25	3x400	41,4	0,81		91	149	234	357	487	668	889						
8"	22	30	3x400	49,7	0,8		76	126	197	300	409	561	745	953					
8"	26	35	3x400	58	0,8		65	108	169	257	351	481	638	817	975				
8"	30	40	3x400	64,8	0,83		57	93	147	224	306	421	561	722	866				
8"	37	50	3x400	81,8	0,8			76	120	182	249	341	452	579	691	809	932		

TECHNICAL APPENDIX

GROUNDWATER AND IRRIGATION

DETERMINATION OF THE CROSS SECTION OF THE POWER CABLE

THREE-PHASE 10" WINDING MOTORS (TR 6, TR 12)

CABLE SIZING TAKING INTO ACCOUNT A 3 % VOLTAGE DROP - DIRECT START-UP

2P

MOTOR TYPE	NOMINAL POWER		NOMINAL VOLTAGE V	MOTOR NOMINAL CURRENT In (A)	Cos φ	Cable section: 1x ...mm ²											
						mm ²	6	10	16	25	35	50	70	95	120	150	185
						H max	43	60	80	101	126	153	196	238	276	319	364
						Maximum length in metres (m)											
10"	75	100	3x400	148	0,84						122	163	210	252	297	345	411
10"	92	125	3x400	185	0,82							132	169	203	238	275	327
10"	110	150	3x400	217	0,84								143	172	203	235	280
10"	132	180	3x400	257	0,84									145	171	198	237
10"	147	200	3x400	300	0,81										147	170	201
10"	170	230	3x400	348	0,81											146	173
10"	190	260	3x400	405	0,79												148

4P

10"	30	40	3x400	63	0,8				104	158	215	295	392	501	599	700	807
10"	37	50	3x400	78	0,8				84	127	174	238	316	405	483	566	652
10"	45	60	3x400	91	0,83					106	145	200	267	343	411	483	560
10"	55	75	3x400	110	0,82						121	166	222	285	341	400	463
10"	75	100	3x400	153	0,81							121	160	205	246	288	332
10"	92	125	3x400	185	0,82								132	169	203	238	275
10"	110	150	3x400	221	0,83												
														141	169	199	230
																	274
																	315

THREE-PHASE 10" WINDING MOTORS (TR 6, TR 12)

CABLE SIZING TAKING INTO ACCOUNT A 3 % VOLTAGE DROP - STAR/DELTA START-UP

2P

MOTOR TYPE	NOMINAL POWER		NOMINAL VOLTAGE V	MOTOR NOMINAL CURRENT In (A)	Cos φ	Cable section: 1x ...mm ²											
						mm ²	6	10	16	25	35	50	70	95	120	150	185
						H max	74	104	139	175	218	265	339	412	478	553	630
						Maximum length in metres (m)											
10"	75	100	3x400	148	0,84					97	133	183	244	315	378	446	517
10"	92	125	3x400	185	0,82						108	148	198	254	304	357	413
10"	110	150	3x400	217	0,84						91	125	167	215	258	304	353
10"	132	180	3x400	257	0,84							105	141	181	218	257	298
10"	147	200	3x400	300	0,81								123	157	188	220	254
10"	170	230	3x400	348	0,81									136	162	190	219
10"	190	260	3x400	405	0,79										117	140	164

4P

10"	30	40	3x400	63	0,8		60	99	156	237	323	442	588	752	898		
10"	37	50	3x400	78	0,8			80	126	191	261	357	475	607	725	848	978
10"	45	60	3x400	91	0,83			66	105	159	218	300	400	514	617	725	840
10"	55	75	3x400	110	0,82				87	133	182	250	333	427	511	600	694
10"	75	100	3x400	153	0,81					97	132	181	240	308	369	432	499
10"	92	125	3x400	185	0,82						108	148	198	254	304	357	413
10"	110	150	3x400	221	0,83							123	165	212	254	299	346

TECHNICAL APPENDIX

GROUNDWATER AND IRRIGATION

DETERMINATION OF THE CROSS SECTION OF THE POWER CABLE

THREE-PHASE 12" WINDING MOTORS (TR 6, TR 12)

CABLE SIZING TAKING INTO ACCOUNT A 3 % VOLTAGE DROP - DIRECT START-UP

2P

MOTOR TYPE	NOMINAL POWER		NOMINAL VOLTAGE V	MOTOR NOMINAL CURRENT In (A)	Cos φ	Cable section: 1x ...mm²													
						mm²	10	16	25	35	50	70	95	120	150	185	240	300	
	H max	60				80	101	126	153	196	238	276	319	364	430	497			
	Maximum length in metres (m)																		
12"	132	180	3x400	267	0,82								140	165	191	226	260		
12"	147	200	3x400	300	0,82									147	170	201	231		
12"	170	230	3x400	345	0,85										148	177	204		
12"	190	260	3x400	372	0,84											163	188		
12"	220	300	3x400	425	0,84											143	165		
12"	250	340	3x400	481	0,85												147		
12"	300	400	3x400	575	0,87														

4P

12"	75	100	3x400	144	0,86						124	166	214	258	305	356	426	493
12"	92	125	3x400	185	0,81							133	170	203	238	275	326	373
12"	110	150	3x400	216	0,84								144	173	204	236	281	324
12"	132	180	3x400	256	0,84									146	172	199	238	274
12"	147	200	3x400	278	0,87										158	185	222	257

THREE-PHASE 12" WINDING MOTORS (TR 6, TR 12)

CABLE SIZING TAKING INTO ACCOUNT A 3 % VOLTAGE DROP - STAR/DELTA START-UP

2P

MOTOR TYPE	NOMINAL POWER		NOMINAL VOLTAGE V	MOTOR NOMINAL CURRENT In (A)	Cos φ	Cable section: 1x ...mm²													
						mm²	10	16	25	35	50	70	95	120	150	185	240	300	
	H max	60				80	101	126	153	196	238	276	319	364	430	497			
	Maximum length in metres (m)																		
12"	132	180	3x400	267	0,82						137	176	211	247	286	339	390		
12"	147	200	3x400	300	0,82						122	157	188	220	254	302	347		
12"	170	230	3x400	345	0,85							135	162	191	222	265	306		
12"	190	260	3x400	372	0,84							125	151	177	206	245	283		
12"	220	300	3x400	425	0,84								132	155	180	215	247		
12"	250	340	3x400	481	0,85									137	159	190	220		
12"	300	400	3x400	575	0,87										134	161	186		

4P

12"	75	100	3x400	144	0,86				98	134	186	249	322	388	458	533	639	739
12"	92	125	3x400	185	0,81					109	150	199	255	305	357	412	488	560
12"	110	150	3x400	216	0,84					91	125	168	216	259	305	354	422	487
12"	132	180	3x400	256	0,84						106	141	182	219	258	299	356	411
12"	147	200	3x400	278	0,87							128	166	201	237	277	332	386

TECHNICAL APPENDIX

GROUNDWATER AND IRRIGATION

DETERMINATION OF THE CROSS SECTION OF THE POWER CABLE

THREE-PHASE 14" WINDING MOTORS (TR 6, TR 12)

CABLE SIZING TAKING INTO ACCOUNT A 3 % VOLTAGE DROP - DIRECT START-UP

2P

MOTOR TYPE	NOMINAL POWER		NOMINAL VOLTAGE V	MOTOR NOMINAL CURRENT In (A)	Cos φ	Cable section: 1x ...mm ²									
						mm ²	35	50	70	95	120	150	185	240	300
	H max	126				153	196	238	276	319	364	430	497		
	Maximum length in metres (m)														
14"	220	300	3x400	448	0,8										154
14"	260	350	3x400	505	0,8										
14"	300	400	3x400	595	0,82										
14"	330	450	3x400	651	0,82										
14"	370	500	3x400	745	0,8										
14"	400	550	3x400	746	0,86										

4P

14"	170	230	3x400	350	0,79								145	171	196
14"	190	260	3x400	387	0,8									155	178
14"	220	300	3x400	441	0,81										157
14"	260	350	3x400	537	0,83										
14"	300	400	3x400	604	0,81										

THREE-PHASE 14" WINDING MOTORS (TR 6, TR 12)

CABLE SIZING TAKING INTO ACCOUNT A 3 % VOLTAGE DROP - STAR/DELTA START-UP

2P

MOTOR TYPE	NOMINAL POWER		NOMINAL VOLTAGE V	MOTOR NOMINAL CURRENT In (A)	Cos φ	Cable section: 1x ...mm²									
						mm²	35	50	70	95	120	150	185	240	300
	H max	218				265	339	412	478	553	630	745	861		
	Maximum length in metres (m)														
14"	220	300	3x400	448	0,8					126	148	170	201	230	
14"	260	350	3x400	505	0,8						131	151	179	204	
14"	300	400	3x400	595	0,82							128	152	175	
14"	330	450	3x400	651	0,82								139	160	
14"	370	500	3x400	745	0,8									138	
14"	400	550	3x400	746	0,86									143	

4P

14"	170	230	3x400	350	0,79					136	162	189	218	257	294
14"	190	260	3x400	387	0,8					122	146	171	197	233	267
14"	220	300	3x400	441	0,81						128	150	173	205	235
14"	260	350	3x400	537	0,83							123	142	169	195
14"	300	400	3x400	604	0,81								126	150	171

TECHNICAL APPENDIX

GROUNDWATER AND IRRIGATION

COOLING LINERS FOR 4" SUBMERSIBLE PUMP

Kit of cooling liners of different lengths, used to ensure perfect cooling of the 4" motor in case of installation inside tanks or containers, or in any location where a minimum cooling flow on the motor cannot be guaranteed.

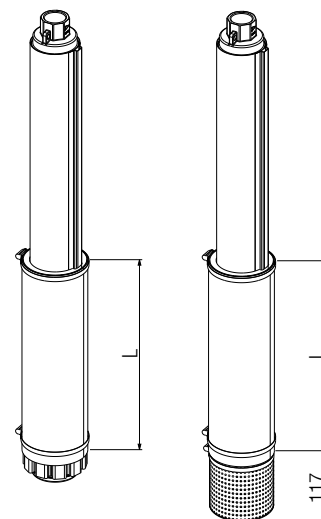
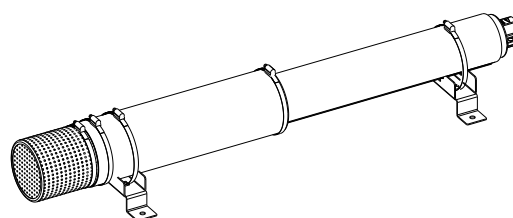
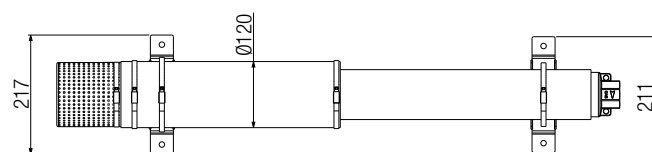
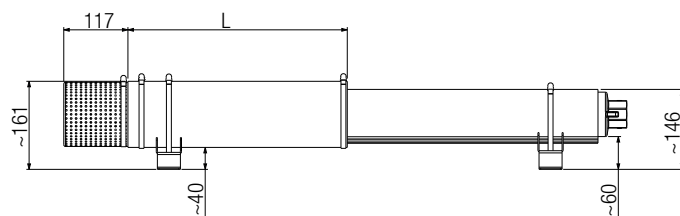
The length of the pipe must be selected based on the type of motor and its power, as indicated in the following table.

	MOTOR POWER		FREQUENCY	MOTOR TYPE		
	HP	KW		4 GG	4 OL	4 GG 2W
SINGLE-PHASE	0,5	0,37	50	KIT 400	KIT 400	KIT 400
	0,75	0,55				KIT 525
	1	0,75				
	1,5	1,1				
	2	1,5				
	3	2,2				
	4	3				
	5	3,7				
	5,5	4				
	0,5	0,37	60	KIT 400	KIT 400	KIT 525
	0,75	0,55				
	1	0,75		KIT 525	KIT 525	KIT 885
	1,5	1,1				
	2	1,5				
	3	2,2		KIT 885	KIT 885	
	5	3,7				
	5,5	4				

THREE-PHASE	0,5	0,37	50	KIT 400	KIT 400	
	0,75	0,55				
	1	0,75		KIT 525	KIT 525	
	1,5	1,1				
	2	1,5				
	3	2,2		KIT 885	KIT 885	
	4	3				
	5,5	4	60	KIT 400	KIT 400	
	7,5	5,5				
	10	7,5		KIT 525	KIT 525	
	0,5	0,37				
	0,75	0,55				
	1	0,75		KIT 885	KIT 885	
	1,5	1,1				
	2	1,5				
	3	2,2	60	KIT 885	KIT 885	
	4	3				
	5,5	4		KIT 885	KIT 885	
	7,5	5,5				
	10	7,5		KIT 885	KIT 885	

TESLA/DAB motor data

CODE	DESCRIPTION
60125178	COOLING SLEEVE KIT L400
60125179	COOLING SLEEVE KIT L525
60125180	COOLING SLEEVE KIT L885
60125181	HORIZONTAL POSITIONING KIT (2 PIECES)
60125182	COOLING FILTER KIT



DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETS

END SUCTION AND
VERTICAL MULTISTAGE PUMPS

DRAINAGE
AND SEWAGE

GROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

TECHNICAL APPENDIX

GROUNDWATER AND IRRIGATION

COOLING LINERS FOR 6" SUBMERSIBLE PUMP

Kit of cooling liners of different lengths, used to ensure perfect cooling of the 6" motor in case of installation inside tanks or containers, or in any location where a minimum cooling flow on the motor cannot be guaranteed.

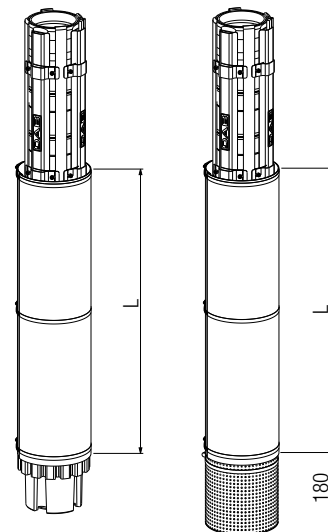
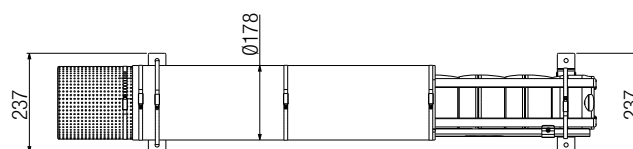
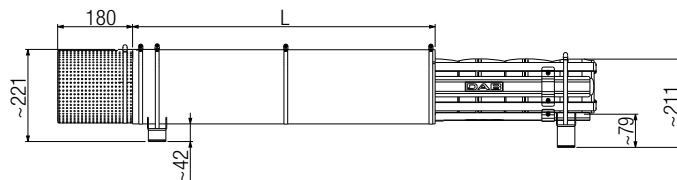
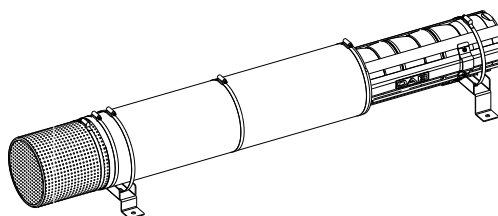
The length of the pipe must be selected based on the type of motor and its power, as indicated in the following table.

SUITABLE FOR USE ON S6, SR6 E SM6 ELECTRIC PUMPS COUPLED WITH 6" MOTOR.

	MOTOR POWER		FREQUENCY	MOTOR TYPE		
	HP	kW		6GF - GX	TR6	6GF HEAVY DUTY
SINGLE-PHASE	5	3,7	50-60	KIT L960		
	7,5	5,5				
	10	7,5				
	15	11				
THREE-PHASE	5,5	4		KIT 725	KIT 960	
	7,5	5,5				
	10	7,5		KIT 960	KIT 960	
	12,5	9,2				
	15	11				
	17,5	13				
	20	15		KIT 960	KIT 1220	
	25	18,5				
	30	22		KIT 1220		KIT 1220
	35	26				
	40	30				
	50	37		KIT 1490	KIT 1490	KIT 1490
	60	57				

	MOTOR POWER		FREQUENCY	MOTOR 4GG+SS6
	HP	kW		
SINGLE-PHASE	0,5	0,37	50-60	KIT 725
	0,75	0,55		
	1	0,75		
	1,5	1,1		
	2	1,5		
	3	2,2		
	4	3		
	5	3,7		
THREE-PHASE	5,5	4		KIT 960
	0,5	0,37		
	0,75	0,55		KIT 725
	1	0,75		
	1,5	1,1		
	2	1,5		
	3	2,2		
	4	3		
	5,5	4		KIT 960
	7,5	5,5		
	10	7,5		KIT 1220

TESLA/DAB motor data



CODE	DESCRIPTION
60144213	COOLING SLEEVE KIT L. 725
60144217	COOLING SLEEVE KIT L. 960
60144218	COOLING SLEEVE KIT L. 1.220
60146397	COOLING SLEEVE KIT L. 1.490
60146398	HORIZONTAL POSITIONING KIT (2 PIECES)
60146399	FILTER KIT

In order to determine the cooling flow speed v [m/s] along the motor liner, the following formula can be used:

$$v = \frac{\frac{Q}{2}}{\pi \cdot \left(\frac{D^2}{4} - \frac{d^2}{4} \right)}$$

Q [m³/s] = flow at the point of operation of the electric pump
 v [m/s] = cooling flow speed

On the other hand, in order to determine the correct diameter of the cooling liner, to ensure that the minimum required cooling flow condition is met at a certain pump flow level, the following formula can be used:

$$D = \sqrt{4 \cdot \left(\frac{Q}{v \cdot \pi} + \frac{d^2}{4} \right)}$$

D [m] = well diameter
 d [m] = motor diameter

TECHNICAL APPENDIX

GROUNDWATER AND IRRIGATION

INDICATIVE CHOICE OF THE ELECTRIC GENERATOR CAPABLE OF POWERING THE SUBMERSIBLE MOTOR

P2 - MOTOR POWER		GENERATOR			
		DOL (DIRECT START-UP)		SD (STAR-DELTA START-UP)	
kW	Hp	kW	kVA	kW	KVA
2,2	3	6	7,5	-	-
4	5,5	10	12,5	8	10
5,5	7,5	12,5	15,6	11	13,8
7,5	10	15	18,8	14	17,5
9,2	12,5	19	24	17	21
11	15	22,5	28	21	26
13	17,5	26,5	33	24	30
15	20	30	38	28	35
18,5	25	37	46	34	42,5
22	30	45	56	41	51
26	35	52	65	45	57
30	40	60	75	52	65
37	50	75	94	64	81
45	60	90	112	78	97
55	75	110	138	95	119
63	85	135	169	114	142
75	100	150	190	128	160
92	125	185	230	158	198
110	150	210	260	190	237
132	180	260	325	225	281
147	200	300	375	260	325
170	230	340	425	295	369
190	260	380	475	329	411
220	300	440	550	381	476
250	340	500	625	433	541

WINDING RESISTANCE TABLES

In case of single-phase motors, both the running (Rm) and the start-up (Ra) winding resistance are indicated.

SINGLE-PHASE MOTORS

MODEL	P2		V	Rm	Ra
	HP	kW	V	Ω	Ω
3GF - 3GS	0,5	0,37	230	11,25	31,5
	0,75	0,55	230	9,15	28
	1	0,75	230	6,85	17,35

THREE-PHASE MOTORS

MODEL	P2		V	R
	HP	kW	V	Ω
3GF - 3GS	0,5	0,37	400	60,3
	0,75	0,55	400	44,5
	1	0,75	400	32,2

SINGLE-PHASE MOTORS

MODEL	P2		V	Rm	Ra
	HP	kW	V	Ω	Ω
4GG - 4GX	0,5	0,37	230	8,8	18,8
	0,75	0,55	230	5,6	13,5
	1	0,75	230	3,5	6,7
	1,5	1,1	230	2,5	5,4
	2	1,5	230	1,9	5,0
	3	2,2	230	1,6	3,7
	5	3,7	230	0,9	1,7

THREE-PHASE MOTORS

MODEL	P2		V	R
	HP	kW	V	Ω
4GG - 4GX	0,5	0,37	230	11,7
	0,5	0,37	400	35,0
	0,75	0,55	230	8,5
	0,75	0,55	400	25,6
	1	0,75	230	5,8
	1	0,75	400	17,3
	1,5	1,1	230	4,3
	1,5	1,1	400	13,0
	2	1,5	230	3,0
	2	1,5	400	8,9
	3	2,2	230	2,0
	3	2,2	400	6,0
	4	3	230	1,4
	4	3	400	4,2
	5,5	4	230	1,1
	5,5	4	400	3,3
	7,5	5,5	230	0,8
	7,5	5,5	400	2,4
	10	7,5	400	2,0

TECHNICAL APPENDIX

GROUNDWATER AND IRRIGATION

SINGLE-PHASE MOTORS

MODEL	P2		V	R _m	R _a
	HP	kW	V	Ω	Ω
40L	0,5	0,37	230	9,3	20,3
	0,75	0,55	230	6,5	13,7
	1	0,75	230	4,0	8,6
	1,5	1,1	230	3,0	6,1
	2	1,5	230	2,3	5,0
	3	2,2	230	1,6	3,7

THREE-PHASE MOTORS

MODEL	P2		V	R
	HP	kW	V	Ω
40L	0,5	0,37	230	14,2
	0,5	0,37	400	42,5
	0,75	0,55	230	8,5
	0,75	0,55	400	25,5
	1	0,75	230	6,3
	1	0,75	400	18,0
	1,5	1,1	230	3,8
	1,5	1,1	400	11,7
	2	1,5	230	2,7
	2	1,5	400	8,3
	3	2,2	230	2
	3	2,2	400	6,2
	4	3	230	1,6
	4	3	400	4,7
	5,5	4	230	1
	5,5	4	400	3
	7,5	5,5	230	0,9
	7,5	5,5	400	2,6
	10	7,5	400	1,9

THREE-PHASE MOTORS

MODEL	P2		V	R
	HP	kW	V	Ω
6GF - 6GS - 6GX	5,5	4	230	0,97
	5,5	4	400	3,00
	5,5	4	400/690	3,00
	7,5	5,5	230	0,64
	7,5	5,5	400	2,00
	7,5	5,5	400/690	2,00
	10	7,5	230	0,51
	10	7,5	400	1,60
	10	7,5	400/690	1,60
	12,5	9,2	230	0,40
	12,5	9,2	400	1,25
	12,5	9,2	400/690	1,25
	15	11	230	0,29
	15	11	400	0,92
	15	11	400/690	0,92
	20	15	230	0,24
	20	15	400	0,65
	20	15	400/690	0,65
	25	18,5	230	0,18
	25	18,5	400	0,55
	25	18,5	400/690	0,55
	30	22	230	0,15
	30	22	400	0,46
	30	22	400/690	0,46
	40	30	400	0,31
	40	30	400/690	0,31
	50	37	400	0,25
	50	37	400/690	0,25

NOTES

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MULTI 4 SW

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STANDARDISED END SUCTION PUMPS WITH CAST IRON PREFILTERS

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ESWIM

ELECTRONIC SWIMMING POOL PUMPS



Variable speed electronic pumps for filtration in swimming pools or fish farms, even with salt water.

Equipped with integrated inspectable prefilter and variable frequency drive. The 150 versions are designed for use in domestic and residential installations, the 300 models for civil and commercial installations.

All models have a display with a button panel that allows you to easily set the operating mode according to the time, day of the week and season. Operation with speed or flow control for greater adaptability to different systems.

Energy savings are achieved thanks to the variable frequency drive. The permanent magnet motor is cooled by the pumped liquid. Supplied with connector for remote control.

Bayonet lid closure.

The 12 pin control board of ESwim 150, ESwim 150 SVRS, ESwim 300 and ESwim 300 SVRS makes them compatible with any control panel, whether analogue (0 - 10 V and 4-20 mA) or digital.

Minimum and maximum flow rate

150 versions: 32 m³/h

300 versions: 42.6 m³/h

-IR Head-

150 versions: 16 m

300 versions: 26 m

Type of liquid pumped clean or slightly dirty water with suspended solids, long fibres; particularly aggressive water with high percentages of chlorine/bromine and PHMB (Polyhexamethylene Biguanide) or water treated with chlorine electrolysis

Ph supported 6.5 - 8.4

Max liquid temperature +40°C

Maximum ambient temperature +50°C

Maximum working pressure bar / kPa

150 versions: 2.5 bar

300 versions: 2.8 bar

Motor protection degree

150 versions: IP55

300 versions: IP56

Thermal classification of motor insulation

F

Impeller construction material

technopolymer

ESWIM



Certified to
NSF/ANSI Standard 50

40 dB

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ESWIM 150

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA								DNA GAS	DNM GAS	WEIGHT KG	QTY PER PALLET	
			POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOMINAL		In A	Q=m³/h	0	6	12	18	21	24	27					30
					KW	HP		Q=l/min	0	100	200	300	350	400	450					500
ESWIM 150	60194426	2.343	230V	1.25	1.1	1.5	5.6	H(m)	15.9	15.7	14.4	12.2	10.9	9.4	7.9	6.3	2"	2"	19	8

ESWIM 300

MODEL	CODE	PRICE€	ELECTRICAL DATA						HYDRAULIC DATA												DNA GAS	DNM GAS	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³h	0	5	10	15	20	25	30	35	40	42.6						
					kW	HP		Q=l/min	0	83	166	250	333	416	500	583	666	710						
ESWIM 300	60174704	2.712	230V	2.25	1.9	2.6	10	H (m)	26	25.4	24.8	23.2	20.6	17.4	14.4	11.5	7.8	6	2"	2"	21.3	6		

SVRS VERSION



The SVRS (Safety Vacuum Release Systems) software disables the pump's suction capacity so that a body or object trapped against the suction outlet is released, thus guaranteeing peace of mind and comfort of use.

MODEL	CODE	PRICE €
ESWIM 150 SVRS	60194427	2.506
ESWIM 300 SVRS	60220045	2.852

EUROSWIM

CENTRIFUGAL SWIMMING POOL PUMPS



DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING



High-efficiency self-priming centrifugal pumps with built-in **high-capacity** prefilter. **Motor completely insulated from the water.** Extremely **quiet** and **highly reliable**, developed for circulating and filtering water in domestic and residential swimming pools. Also suitable for special applications where aggressive liquids need to be pumped, in fish farms, agriculture and industry.

Pump body and prefilter ring nut in glass fibre-reinforced technopolymer. Prefilter cover in transparent anti-oxidant polycarbonate to ensure long-term clarity. Nylon filter. Impeller in glass fibre-reinforced technopolymer, designed to ensure total coverage and insulation of the motor shaft from the pumped liquid. Reinforced technopolymer diffuser. Mechanical seal in carbon/alumina/NBR/AISI 316.

NBR pump body O-ring, AISI 304 steel screws and reinforcement ring nuts. Butterfly type filling and draining plugs that do not require the use of tools for removal and repositioning.

Motor and terminal board protection
degree IP55

Insulation class F.

Standard voltage

single-phase 220/240V - 50 Hz.

three-phase 230/400V - 50 Hz.

Operating range

up to 42 m³/h with head up to 22 m.

Pumped liquid clean or slightly dirty water with suspended solids, long fibres; particularly aggressive water with high percentages of chlorine/bromine and PHMB (Polyhexamethylene Biguanide) or water treated with chlorine electrolysis.

Liquid temperature range

up to 60° C.

Maximum ambient temperature +50°C.

Maximum working pressure 2.5 bar.

Installation

fixed or portable in a horizontal position

Special designs on request

other frequencies and/or voltages.

Connectors on request kit 2"/50 - 63

(two connectors+O-ring - see "Accessories").

Reference standard IEC - 60364.

THREE-PHASE MOTORS	P2	< 0.75 kW	IE2	SINGLE-PHASE MOTORS	P2	≥ 120 W	IE2
		≥ 0.75 kW < 75 kW	IE3				
		≥ 75 kW	IE4				

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MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA													DNA	DNM	NOISE LEVEL MAX dB (A)	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX W	P2 NOMINAL		In A	Q=m³h	0	3	6	9	12	18	21	24	30	36	42						
					Q=l/min	0		50	100	150	200	300	350	400	500	600	700								
EUROSWIM 50 M	60213225	672	1x230 V	0.71	0.55	0.75	3.3	H(m)	12	11.7	11.2	10.5	9.3	5.3	-	-	-	-	-	2°F	2°F	53	16	8	
EUROSWIM 75 M	60212422	689	1x230 V	0.87	0.75	1	3.8		13.8	13.5	13.1	12.4	11.1	7.5	5	-	-	-	-	2°F	2°F	56	16.5	8	
EUROSWIM 75 T	60179393	718	3x230-400 V ~	870	0.5	0.75	3.1/1.8		13.8	13.5	13.1	12.4	11.1	7.5	5	-	-	-	-	2°F	2°F	56	16.5	8	
EUROSWIM 100 M	60212423	725	1x230 V	1.08	0.85	1.15	4.8		15.4	15.4	15	14.2	13.1	10	7.8	5.6	-	-	-	2°F	2°F	57	17	8	
EUROSWIM 100 T	60179412	755	3x230-400 V ~	1100	0.75	1	3.8/2.2		15.4	15.4	15	14.2	13.1	10	7.8	5.6	-	-	-	2°F	2°F	57	17	8	
EUROSWIM 150 M	60211578	810	1x230 V	1.43	1.1	1.5	6.4		16.2	15.9	15.4	14.9	14.2	12.4	11.1	9.3	5.3	-	-	2°F	2°F	59	22	6	
EUROSWIM 150 T	60179850	834	3x230-400 V ~	1500	1.1	1.5	5.4/3.1		16.2	15.6	15.2	14.6	13.9	12.4	11.1	9.3	5.3	-	-	2°F	2°F	59	22	6	
EUROSWIM 200 M	60211827	907	1x230 V	1.84	1.4	1.9	8.3		18.6	18.2	17.7	17.1	16.5	15	14.1	12.8	9	4	-	2°F	2°F	62	24	6	
EUROSWIM 200 T	60179849	931	3x230-400 V ~	1800	1.5	2	5.9/3.4		18.6	18.2	17.7	17.1	16.5	15	14.1	12.8	9	4	-	2°F	2°F	62	22	6	
EUROSWIM 300 M	60211881	992	1x230 V	2.65	1.8	2.45	11.8		22	21.9	21.7	21.3	20.8	19.6	18.9	18.1	15.9	12.5	8.6	2°F	2°F	64	24.5	6	
EUROSWIM 300 T	60179851	1.024	3x230-400 V ~	2500	2.2	3	7.8/4.5		22	21.9	21.7	21.3	20.8	19.6	18.9	18.1	15.9	12.5	8.6	2°F	2°F	64	25	6	

EUROPRO HIGH FLOW

CENTRIFUGAL SWIMMING POOL PUMPS



High-performing self-priming centrifugal pumps with built-in high-capacity prefilter. 2 or 4 pole motor completely insulated from the water. Extremely quiet and highly reliable, developed for circulating and filtering in large filtration systems for swimming pools. Also suitable for special applications where **sea water** needs to be pumped, thanks to the mechanical seal in AISI 316.

Prefilter body, pump body, volute, counter-volute and pump body cover made of glass fibre-reinforced polypropylene, resistant to swimming pool chemicals. Polyethylene prefilter basket. Transparent polycarbonate prefilter cover with four-knob closing system. Enclosed asynchronous motor with external ventilation, 2 or 4 pole depending on model, with a wide range of powers from 3 to 15 Hp. Protection degree of terminal board box IP55.

Operating range up to 190 m³/h with head up to 22 m

Standard voltage
3 x 230-400V 50 Hz up to 4 kW 3 x 400-690V 50 Hz over 4 kW

Insulation class F

Liquid temperature range
up to 40° C

Pumped liquid clean or slightly dirty water with suspended solids, long fibres; particularly aggressive water with high percentages of chlorine/bromine and PHMB (Polyhexamethylene Biguanide) or water treated with chlorine electrolysis.

Maximum ambient temperature 40 °C

Installation in horizontal position

Special designs on request
other frequencies and/or voltages

THREE-PHASE MOTORS	P2	< 0.75 kW	IE2
		≥ 0.75 kW < 75 kW	IE3
		≥ 75 kW	IE4

ACCESSORIES
PAGE 419

MODEL	CODE	PRICE €	ELECTRICAL DATA								HYDRAULIC DATA																DNA	DNM	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX W	P2 NOM.		No. rpm	In A			Q=m³h	0	20	60	80	90	120	140	160	170	180	190	195							
					kW	HP		230	400	690	Q=l/min	0	333	1000	1333	1500	2000	2333	2666	2833	3000	3166	3250							
EUROPRO 350 T	60169120	2.448	3x230-400V	2.97	2.2	3	1450	9.4	5.3	-	H(m)	14.7	13	6.3	2.1	-	-	-	-	-	-	-	-	-	110	110	42.5	3		
EUROPRO 400 T	60169121	2.502	3x230-400V	3.83	3	4	1450	12.5	6.9	-		16.5	14.9	8.5	4	1.6	-	-	-	-	-	-	-	-	110	110	44.5	3		
EUROPRO 550 T	60169123	2.800	3x230-400V	5.54	4	5.5	1450	15.3	8.8	-		14	13.5	11.8	10.4	9.5	6.3	4.1	-	-	-	-	-	-	110	110	53.5	2		
EUROPRO 550 T - BR *	60169143	3.579	3x230-400V	5.54	4	5.5	1450	15.3	8.8	-		14	13.5	11.8	10.4	9.5	6.3	4.1	-	-	-	-	-	-	110	110	53.5	2		
EUROPRO 750 T	60169124	3.791	3x400-690V	6.85	5.5	7.5	1450	-	12	7		16.2	15.6	13.8	12.4	11.5	8.65	6.47	3.5	-	-	-	-	-	110	110	66	2		
EUROPRO 750 T - BR *	60169144	4.500	3x400-690V	6.85	5.5	7.5	1450	-	12	7		16.2	15.6	13.8	12.4	11.5	8.65	6.47	3.5	-	-	-	-	-	110	110	66	2		
EUROPRO 1000 T	60169139	3.901	3x400-690V	8.26	7.5	10	1450	-	16.2	9.6		17.6	17	15.4	14.2	13.5	10.8	8.6	6.1	4.7	-	-	-	-	110	110	76	2		
EUROPRO 1000 T - BR *	60169145	4.587	3x400-690V	8.26	7.5	10	1450	-	16.2	9.6		17.6	17	15.4	14.2	13.5	10.8	8.6	6.1	4.7	-	-	-	-	110	110	76	2		
EUROPRO 1250 T *	60169140	4.917	3x400-690V	13.74	9.2	12.5	2850	-	17.9	10.1		22.4	21.5	19.4	18.1	17.4	14.7	12.6	10.3	9	7.6	5.5	-	110	110	84.5	2			
EUROPRO 1500 T *	60169142	4.975	3x400-690V	15.73	11	15	2850	-	19.9	11		25.5	24.5	22.4	21.3	20.6	17.4	14.8	12.1	10.6	9.1	7.4	6	110	110	85.5	2			

* versions with bronze impeller.

CAST IRON PREFILTERS RANGE

STANDARDISED END SUCTION PUMPS WITH CAST IRON PREFILTERS



DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETSEND SUCTION AND
VERTICAL MULTISTAGE PUMPSDRAINAGE
AND SEWAGEGROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

New range of cast iron prefilters conforming to DIN 2501, with connections from DN 65 to DN 200. They are equipped with 3 or 4 closing knobs depending on the model to ensure a perfectly sealed cap. Cast iron prefilter vessel and cap, AISI 316 stainless steel basket.

The new range of prefilters allows the use of standardised end suction centrifugal pumps in the NKM-G and NKP-G series, from DN 40 to DN 150, for water circulation in large filtration systems. The same filters can be used in combination with standardised coupling base pumps (KDN) or with MCE variable frequency drives.



PREFILTER



PREFILTER + PUMP

End suction centrifugal pumps with a coupling to which a suction prefilter has been applied to make them ideal for circulating water in large filtration systems. **The pump and the prefilter are sold separately.**

Cast iron single-stage spiral body to DIN-EN 733 (formerly DIN 2455), cast iron support, flanges to DIN 2533. Cast iron impeller, closed and dynamically balanced with axial thrust compensation via balancing holes. Pump shaft in AISI 304 stainless steel, **carbon/silicon carbide mechanical seal with Viton O-rings**. Asynchronous, enclosed, externally-ventilated motor, B3/B5 mounting position, two-pole for NKP and four-pole for NKM.

Cast iron prefilter vessel and cap, AISI 316 stainless steel basket.

Rotation speed 1450-2900 1/min

Operating range

1 to 440 m³/h with head up to 24 metres.

Type of liquid pumped clean or slightly dirty or slightly aggressive water, provided that in this case the compatibility of the pump's construction materials is proven and that the power of the installed motor is adequate for the specific weight and viscosity of the liquid.

Liquid temperature range

-10 °C to +140 °C

Installation in horizontal position

Maximum ambient temperature +40°C

Top version

cataphoresis-treated bronze impeller

THREE-PHASE MOTORS	P2	< 0.75 kW	IE2
		≥ 0.75 kW < 75 kW	IE3
		≥ 75 kW	IE4

PREFILTERS

MODEL	CODE	PRICE €	DN	Kg	Volume L
PREFILTER 65/65	60164699	1.455	65	38.5	18
PREFILTER 80/80	60164700	1.455	80	39	18
PREFILTER 100/100	60164701	1.672	100	40.5	18
PREFILTER 125/125	60164702	1.672	125	41	18
PREFILTER 150/150	60164703	3.836	150	71	42
PREFILTER 200/200	60164704	3.886	200	72	42

NOTE: PUMP AND PREFILTER ARE SOLD SEPARATELY.
Contact our sales network for more information.

PREFILTER FIXING KIT

MODEL	CODE	PRICE €
PREFILTER FIXING KIT DN 65	60166309	93
PREFILTER FIXING KIT DN 80-100-125	60166312	150
PREFILTER FIXING KIT DN 150-200	60166313	217

CAST IRON PREFILTERS RANGE

STANDARDISED END SUCTION PUMPS WITH CAST IRON PREFILTERS



NKM-G - 4 POLE - CAST IRON END SUCTION PUMPS FOR SWIMMING POOL - BASIC VERSION

Cast iron impeller and Viton mechanical seal

MODEL*	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA															DNA	DNM	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMIN.		In (A)		Q=m³/h	0	6	12	18	24	30	36	42	48	54	60	66	72	78			
				kW	HP	230V	400V	Q=l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300			
NKM-G 40-200/200/A/BAQV/1.1/4	1D2317B4W	1.831	3x230-400V~	1.1	1.5	4.68	2.7	H (m)	12.5	12.5	12.3	11.2	9.7	7.7	-	-	-	-	-	-	-	-	65	40	54
NKM-G 40-200/219/A/BAQV/1.5/4	1D2317B5W	1.942	3x230-400V~	1.5	2	6.24	3.6		15.6	15.6	15.3	14.7	13.4	11.8	9.8	-	-	-	-	-	-	-	65	40	54
NKM-G 40-250/245/A/BAQV/2.2/4	1D2417B6W	2.443	3x230-400V~	2.2	3	8.75	5.05		20.6	20.5	20.1	19.2	17.8	16	-	-	-	-	-	-	-	-	65	40	75
NKM-G 50-160/177/A/BAQV/1.5/4	1D3217B5W	1.905	3x230-400V~	1.5	2	6.24	3.6		10.7	-	10.7	10.7	10.5	10.2	9.8	9.2	8.3	-	-	-	-	-	65	50	46
NKM-G 50-200/210/A/BAQV/2.2/4	1D3317B6W	2.346	3x230-400V~	2.2	3	8.75	5.05		15.3	-	15.3	15.2	14.8	14	13.3	12.1	10.8	9.4	-	-	-	-	65	50	69
NKM-G 50-200/219/A/BAQV/3/4	1D3317B7X	2.582	3x400V~	3	4	-	6.25		16.8	-	16.8	16.5	16.1	15.5	14.6	13.6	12.4	10.9	-	-	-	-	65	50	65
NKM-G 50-250/263/A/BAQV/4/4	1D3417B8X	2.939	3x400V~	4	5.5	-	7.95		23.8	-	23.8	23.8	23.4	22.7	21.6	20.4	19	17.1	-	-	-	-	65	50	79
NKM-G 65-200/210/A/BAQV/3/4	1D4317B7X	2.930	3x400V~	3	4	-	6.25		15.3	-	-	-	15.2	15.2	15.1	14.6	14.1	13.5	12.9	12.2	11.3	-	80	65	72
NKM-G 65-200/219/A/BAQV/4/4	1D4317B8X	3.232	3x400V~	4	5.5	-	7.95		17	-	-	-	17	16.9	16.8	16.4	16.2	15.8	15.2	14.3	13.8	12.6	80	65	77
NKM-G 65-250/263/A/BAQV/5.5/4	1D4417B9X	4.451	3x400V~	5.5	7.5	-	10.6		24.1	-	-	-	23.8	23.6	23.3	22.8	22.3	21.5	20.8	19.7	18.6	17.3	80	65	165

MODEL*	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA														DNA	DNM	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMIN.		In (A)		Q=m³/h	0	42	48	54	60	66	72	78	84	90	102	114	120			
				kW	HP	230V	400V	Q=l/min	0	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000			
NKM-G 80-200/200/A/BAQV/4/4	1D5317B8X	3.637	3x400V ~	4	5.5	-	7.95	H (m)	13.2	13	12.9	12.8	12.7	12.4	12	11.7	11.3	10.4	9.3	8.7	8.7	100	80	99
NKM-G 80-200/222/A/BAQV/5.5/4	1D5317B9X	4.252	3x400V ~	5.5	7.5	-	10.6		16.6	16.5	16.4	16.2	16.1	16	15.7	15.4	15	14.3	13.3	12.7	12.7	100	80	153
NKM-G 80-250/240/A/BAQV/7.5/4	1D5417BAX	5.260	3x400V ~	7.5	10	-	14.6		20.4	20.3	20.2	20.1	20	19.9	19.8	19.5	19	18	16.7	16	16	100	80	153
NKM-G 80-250/270/A/BAQV/11/4	1D5417BBX	6.153	3x400V ~	11	15	-	20.5		25.6	25.5	25.4	25.1	25	24.8	24.6	24.2	24	23	21.5	21	21	100	80	205

MODEL*	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA														DNA	DNM	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMIN.		In (A)		Q=m³h	0	60	66	72	78	84	90	102	114	120	150	180	210			
				kW	HP	230V	400V	Q=l/min	0	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500			
NKM-G 100-200/200/A/BAQV/5.5/4	1D6317B9X	4.702	3x400V~	5.5	7.5	-	10.6	H (m)	12.7	12.6	12.6	12.5	12.5	12.4	12.3	12	11.5	11.4	10.1	8.5	-	125	100	166
NKM-G 100-200/214/A/BAQV/7.5/4	1D6317BAX	5.172	3x400V~	7.5	10	-	14.6		15.6	15.4	15.4	15.3	15.2	15.1	15	14.7	14.5	14.3	13.3	11.6	9.8	125	100	149
NKM-G 100-250/250/A/BAQV/11/4	1D6417BBX	6.508	3x400V~	11	15	-	20.5		21.1	21	21	21	21	21	21	20.9	20	19.8	18	16	-	125	100	213

MODEL*	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA															DNA	DNM	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMIN.		In (A)		Q=m³h	0	102	114	120	150	180	210	240	270	300	330	360	390	420			
				kW	HP	230V	400V	Q=l/min	0	1700	1900	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000			
NKM-G 125-250/243/A/BAQV/15/4	1D7417BCX	7.805	3x400V ~	15	20	-	28	H(m)	19.5	19.3	19.3	19.2	19.2	18.7	17.8	16.8	15.5	14.1	12.5	10.9	-	-	150	125	274
NKM-G 125-250/256/A/BAQV/18.5/4	1D7417BDX	8.339	3x400V ~	18.5	25	-	34		21.9	21.8	21.8	21.7	21.6	21.3	20.5	19.5	18.5	17.2	15.6	14	12	-	150	125	290
NKM-G 150-200/218/A/BAQV/11/4	1D8317BBX	9.087	3x400V ~	11	15	-	20.5		13.2	13.1	13	13	12.8	12.5	12.1	11.5	11	10.4	9.7	9	8	7	150	125	280

* To be coupled to prefilters and fastening kit

CAST IRON PREFILTERS RANGE

STANDARDISED END SUCTION PUMPS WITH CAST IRON PREFILTERS



NKP-G - 2 POLE - CAST IRON END SUCTION PUMPS FOR SWIMMING POOL - BASIC VERSION

Cast iron impeller and Viton mechanical seal

MODEL*	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA															DNA	DNM	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMIN.		In (A)		Q=m³h	0	6	12	18	24	30	36	42	48	54	60	66	72			
				kW	HP	230V	400V	Q=l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200			
NKP-G 40-125/107/A/BAQV/1.5/2	1D2117B5U	1.432	3x230-400V~	1.5	2	5.8	3.35	H(m)	14.7	14.5	14.3	13.8	13	11.8	10.5	8.6	7	-	-	-	-	65	40	49
NKP-G 40-125/120/A/BAQV/2.2/2	1D2117B6U	1.531	3x230-400V~	2.2	3	8.23	4.75		19	18.7	18.4	17.8	17	15.9	14.6	13	11	-	-	-	-	65	40	60
NKP-G 40-125/130/A/BAQV/3/2	1D2117B7V	1.665	3x400V~	3	4	-	5.95		22.8	22.5	22.3	22	21.2	20.2	19	17.4	15.5	13.5	-	-	-	65	40	67

MODEL*	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA															DNA	DNM	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMIN.		In (A)		Q=m³h	0	24	30	36	42	48	54	60	66	72	78	84	90	102			
				kW	HP	230V	400V	Q=l/min	0	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700			
NKP-G50-125/115/A/BAQV/3/2	1D3117B7V	1.821	3x400 V~	3	4	-	5.95	H(m)	17	16.5	16	15.5	15	14.5	13.7	13	12	11	10	9	-	-	65	50	69
NKP-G50-125/125/A/BAQV/4/2	1D3117B8V	2.070	3x400 V~	4	5.5	-	8.05		20.5	20	19.5	19.1	18.5	18	17.5	16.5	15.8	14.8	14	12.5	11.5	-	65	50	89
NKP-G50-125/135/A/BAQV/5.5/2	1D3117B9V	2.264	3x400 V~	5.5	7.5	-	10.4		24	23.6	23.5	23.2	22.8	22.2	21.5	21	20	19.1	18.5	17.5	16.5	13.4	65	50	84

MODEL*	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA															DNA	DNM	WEIGHT KG	
			POWER SUPPLY 50 Hz	P2 NOMIN.		In (A)		Q=m³/h	0	36	42	48	54	60	66	72	78	84	90	102	114	120				150
				kW	HP	230V	400V	Q=l/min	0	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000				2500
NKP-G 65-125/120-110/A/BAQV/4/2	1D4117B8V	2.954	3x400 V~	4	5.5	-	8.05	H (m)	16	15	14.6	14.2	13.7	13.3	12.8	12.3	12	11.4	10	8.5	8	-	-	80	65	80
NKP-G 65-125/127/A/BAQV/5.5/2	1D4117B9V	3.435	3x400 V~	5.5	7.5	-	10.4		19.5	19	18.9	18.7	18.4	18.1	17.5	17.2	16.9	16.5	15.8	14.5	13	12	-	80	65	82
NKP-G 65-125/137/A/BAQV/7.5/2	1D4117BAV	3.689	3x400 V~	7.5	10	-	13.4		23.5	23.1	23	22.8	22.6	22.5	22	21.6	21.1	20.7	20.2	19	17.5	14.8	12	80	65	94

MODEL*	CODE	PRICE €	ELECTRICAL DATA						HYDRAULIC DATA										DNA	DNM	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMIN.		In (A)		Q=m³h	0	90	102	114	120	150	180	210	240				
				kW	HP	230V	400V	Q=l/min	0	1500	1700	1900	2000	2500	3000	3500	4000				
NKP-G 80-160/147-127/A/BAQV/11/2	1D5217BBV	4.832	3x400 V ~	11	15	-	19.4	H (m)	24	22	21.4	20.4	20	17.4	16.8	12	-	100	80	179	

* To be coupled to prefilters and fastening kit.

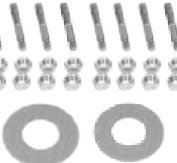
CAST IRON PREFILTERS RANGE

STANDARDISED END SUCTION PUMPS WITH CAST IRON PREFILTERS



DIAGRAM FOR SELECTING PUMP/FILTER/FASTENING KIT - BASIC VERSION

Cast iron impeller and Viton mechanical seal

POLES		PUMP TYPE			PREFILTER				FILTER-PUMP FIXING KIT			
2	4	MODEL	CODE	PRICE	PHOTO	MODEL	CODE	PRICE	PHOTO	MODEL	CODE	PRICE
		• NKM-G 40-200/200/A/BAQV/1.1/4	1D2317B4W	1.831		PREFILTER 65/65	60164699	1.455		PREFILTER FIXING KIT DN 65	60166309	93
		• NKM-G 40-200/219/A/BAQV/1.5/4	1D2317B5W	1.942								
		• NKM-G 40-250/245/A/BAQV/2.2/4	1D2417B6W	2.443								
		• NKM-G 50-160/177/A/BAQV/1.5/4	1D3217B5W	1.905								
		• NKM-G 50-200/210/A/BAQV/2.2/4	1D3317B6W	2.346								
		• NKM-G 50-200/219/A/BAQV/3/4	1D3317B7X	2.582								
		• NKM-G 50-250/263/A/BAQV/4/4	1D3417B8X	2.939								
		• NKP-G 40-125/107/A/BAQV/1.5/2	1D2117B5U	1.432								
		• NKP-G 40-125/120/A/BAQV/2.2/2	1D2117B6U	1.531								
		• NKP-G 40-125/130/A/BAQV/3/2	1D2117B7V	1.665								
		• NKP-G 50-125/115/A/BAQV/3/2	1D3117B7V	1.821								
		• NKP-G 50-125/125/A/BAQV/4/2	1D3117B8V	2.070								
		• NKP-G 50-125/135/A/BAQV/5.5/2	1D3117B9V	2.264								
		• NKM-G 65-200/210/A/BAQV/3/4	1D4317B7X	2.930								
		• NKM-G 65-200/219/A/BAQV/4/4	1D4317B8X	3.232								
		• NKM-G 65-250/263/A/BAQV/5.5 /4	1D4417B9X	4.451								
		• NKP-G 65-125/120-110/A/BAQV/4/2	1D4117B8V	2.954								
		• NKP-G 65-125/127/A/BAQV/5.5/2	1D4117B9V	3.435								
		• NKP-G 65-125/137/A/BAQV/7.5/2	1D4117BAV	3.689								
		• NKM-G 80-200/200/A/BAQV/4/4	1D5317B8X	3.637								
		• NKM-G 80-200/222/A/BAQV/5.5/4	1D5317B9X	4.252								
		• NKM-G 80-250/240/A/BAQV/7.5/4	1D5417BAX	5.260								
		• NKM-G 80-250/270/A/BAQV/11/4	1D5417BBX	6.153								
		• NKP-G 80-160/147-127/A/BAQV/11/2	1D5217BBV	4.832								
		• NKM-G 100-200/200/A/BAQV/5.5/4	1D6317B9X	4.702								
		• NKM-G 100-200/214/A/BAQV/7.5/4	1D6317BAX	5.172								
		• NKM-G 100-250/250/A/BAQV/11/4	1D6417BBX	6.508								
		• NKM-G 125-250/243/A/BAQV/15/4	1D7417BCX	7.805								
		• NKM-G 125-250/256/A/BAQV/18.5/4	1D7417BDX	8.339								
		• NKM-G 150-200/218/A/BAQV/11/4	1D8317BBX	9.087			PREFILTER 200/200	60164704	3.886		PREFILTER FIXING KIT DN150-200	60166313

CAST IRON PREFILTERS RANGE

STANDARDISED END SUCTION PUMPS WITH CAST IRON PREFILTERS



NKM-G - 4 POLE - CAST IRON END SUCTION PUMPS FOR SWIMMING POOL - TOP VERSION

Bronze impeller, Viton mechanical seal, cataphoresis-treated body

MODEL*	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA																DNA	DNM	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMIN.		In (A)		Q=m³/h	0	6	12	18	24	30	36	42	48	54	60	66	72	78			
				kW	HP	230V	400V	Q=l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300			
NKM-G 40-200/200/B/BAQV/1.1/4	60180148	2.443	3x230-400V~	1.1	1.5	4.68	2.7	H (m)	12.5	12.5	12.3	11.2	9.7	7.7	-	-	-	-	-	-	-	-	65	40	54
NKM-G 40-200/219/B/BAQV/1.5/4	60180149	2.549	3x230-400V~	1.5	2	6.24	3.6		15.6	15.6	15.3	14.7	13.4	11.8	9.8	-	-	-	-	-	-	-	65	40	54
NKM-G 40-250/245/B/BAQV/2.2/4	60180150	3.207	3x230-400V~	2.2	3	8.75	5.05		20.6	20.5	20.1	19.2	17.8	16	-	-	-	-	-	-	-	-	65	40	75
NKM-G 50-160/177/B/BAQV/1.5/4	60180151	2.478	3x230-400V~	1.5	2	6.24	3.6		10.7	-	10.7	10.7	10.5	10.2	9.8	9.2	8.3	-	-	-	-	-	65	50	46
NKM-G 50-200/210/B/BAQV/2.2/4	60180152	2.992	3x230-400V~	2.2	3	8.75	5.05		15.3	-	15.3	15.2	14.8	14	13.3	12.1	10.8	9.4	-	-	-	-	65	50	69
NKM-G 50-200/219/B/BAQV/3/4	60180153	3.226	3x400V~	3	4	-	6.25		16.8	-	16.8	16.5	16.1	15.5	14.6	13.6	12.4	10.9	-	-	-	-	65	50	65
NKM-G 50-250/263/B/BAQV/4/4	60180154	3.715	3x400V~	4	5.5	-	7.95		23.8	-	23.8	23.8	23.4	22.7	21.6	20.4	19	17.1	-	-	-	-	65	50	79
NKM-G 65-200/210/B/BAQV/3/4	60180155	3.688	3x400V~	3	4	-	6.25		15.3	-	-	-	15.2	15.2	15.1	14.6	14.1	13.5	12.9	12.2	11.3	-	80	65	72
NKM-G 65-200/219/B/BAQV/4/4	60180156	3.995	3x400V~	4	5.5	-	7.95		17	-	-	-	17	16.9	16.8	16.4	16.2	15.8	15.2	14.3	13.8	12.6	80	65	77
NKM-G 65-250/263/B/BAQV/5.5/4	60180157	5.486	3x400V~	5.5	7.5	-	10.6		24.1	-	-	-	23.8	23.6	23.3	22.8	22.3	21.5	20.8	19.7	18.6	17.3	80	65	165

MODEL*	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA														DNA	DNM	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMIN.		In (A)		Q=m³/h	0	42	48	54	60	66	72	78	84	90	102	114	120			
				kW	HP	230V	400V	Q=l/min	0	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000			
NKM-G 80-200/200/B/BAQV/4/4	60180158	4.479	3x400V~	4	5.5	-	7.95	H (m)	13.2	13.1	13	12.9	12.8	12.7	12.4	12	11.7	11.3	10.4	9.3	8.7	100	80	99
NKM-G 80-200/222/B/BAQV/5.5/4	60180159	4.933	3x400V~	5.5	7.5	-	10.6		16.6	16.5	16.5	16.4	16.2	16.1	16	15.7	15.4	15	14.3	13.3	12.7	100	80	153
NKM-G 80-250/240/B/BAQV/7.5/4	60168350	6.775	3x400V~	7.5	10	-	14.6		20.4	20.3	20.3	20.2	20.1	20	19.9	19.8	19.5	19	18	16.7	16	100	80	153
NKM-G 80-250/270/B/BAQV/11/4	60168351	7.258	3x400V~	11	15	-	20.5		25.6	25.5	25.5	25.4	25.1	25	24.8	24.6	24.2	24	23	21.5	21	100	80	205

MODEL*	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA														DNA	DNM	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMIN.		In (A)		Q=m³/h	0	60	66	72	78	84	90	102	114	120	150	180	210			
				kW	HP	230V	400V	Q=l/min	0	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500			
NKM-G 100-200/200/B/BAQV/5.5/4	60180160	5.701	3x400V~	5.5	7.5	-	10.6	H (m)	12.7	12.6	12.6	12.5	12.5	12.4	12.3	12	11.5	11.4	10.1	8.5	-	125	100	166
NKM-G 100-200/214/B/BAQV/7.5/4	60168353	6.159	3x400V~	7.5	10	-	14.6		15.6	15.4	15.4	15.3	15.2	15.1	15	14.7	14.5	14.3	13.3	11.6	9.8	125	100	149
NKM-G 100-250/250/B/BAQV/11/4	60168369	7.727	3x400V~	11	15	-	20.5		21.1	21	21	21	21	21	21	20.9	20	19.8	18	16	-	125	100	213

MODEL*	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA																DNA	DNM	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMIN.		In (A)		Q=m³/h	0	102	114	120	150	180	210	240	270	300	330	360	390	420			
				kW	HP	230V	400V	Q=l/min	0	1700	1900	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000			
NKM-G 125-250/243/B/BAQV/15/4	60168370	9.123	3x400V~	15	20	-	28	H (m)	19.5	19.3	19.3	19.2	19.2	18.7	17.8	16.8	15.5	14.1	12.5	10.9	-	-	150	125	274
NKM-G 125-250/256/B/BAQV/18.5/4	60168371	9.662	3x400V~	18.5	25	-	34		21.9	21.8	21.8	21.7	21.6	21.3	20.5	19.5	18.5	17.2	15.6	14	12	-	150	125	290
NKM-G 150-250/218/B/BAQV/11/4	60168376	10.179	3x400V~	11	15	-	20.5		13.2	13.1	13	13	12.8	12.5	12.1	11.5	11	10.4	9.7	9	8	7	150	125	280

* To be coupled to prefilters and fastening kit.

CAST IRON PREFILTERS RANGE

STANDARDISED END SUCTION PUMPS WITH CAST IRON PREFILTERS



NKP-G - 2 POLE - CAST IRON END SUCTION PUMPS FOR SWIMMING POOL - TOP VERSION

Bronze impeller, Viton mechanical seal, cataphoresis-treated body

MODEL*	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA														DNA	DNM	WEIGH KG
			POWER SUPPLY 50 Hz	P2 NOMIN.		In (A)		Q=m³/h	0	6	12	18	24	30	36	42	48	54	60	66	72			
				kW	HP	230V	400V	Q=l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200			
NKP-G 40-125/107/B/BAQV/1.5/2	60180161	1.886	3x230-400V~	1.5	2	5.8	3.35	H(m)	14.7	14.5	14.3	13.8	13	11.8	10.5	8.6	7	-	-	-	-	65	40	49
NKP-G 40-125/120/B/BAQV/2.2/2	60180162	1.981	3x230-400V~	2.2	3	8.23	4.75		19	18.7	18.4	17.8	17	15.9	14.6	13	11	-	-	-	-	65	40	60
NKP-G 40-125/130/B/BAQV/3/2	60180163	2.106	3x400V~	3	4	-	5.95		22.8	22.5	22.3	22	21.2	20.2	19	17.4	15.5	13.5	-	-	-	65	40	67

MODEL*	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA																DNA	DNM	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMIN.		In (A)		Q=m³/h	0	24	30	36	42	48	54	60	66	72	78	84	90	102			
				kW	HP	230V	400V	Q=l/min	0	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700			
NKP-G 50-125/115/B/BAQV/3/2	60180164	2.274	3x400V~	3	4	-	5.95	H(m)	17	16.5	16	15.5	15	14.5	13.7	13	12	11	10	9	-	-	65	50	69
NKP-G 50-125/125/B/BAQV/4/2	60180165	2.522	3x400V~	4	5.5	-	8.05		20.5	20	19.5	19.1	18.5	18	17.5	16.5	15.8	14.8	14	12.5	11.5	-	65	50	89
NKP-G 50-125/135/B/BAQV/5.5/2	60180166	2.721	3x400V~	5.5	7.5	-	10.4		24	23.6	23.5	23.2	22.8	22.2	21.5	21	20	19.1	18.5	17.5	16.5	13.4	65	50	84

MODEL*	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA															DNA	DNM	WEIGH KG	
			POWER SUPPLY 50 Hz	P2 NOMIN.		In (A)		Q=m³h	0	36	42	48	54	60	66	72	78	84	90	102	114	120				150
				kW	HP	230V	400V	Q=l/min	0	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000				2500
NKP-G65-125/120-110/B/BAQV/4/2	60180167	3.506	3x400V ~	4	5.5	-	8.05	H(m)	16	15	14.6	14.2	13.7	13.3	12.8	12.3	12	11.4	10	8.5	8	-	-	80	65	80
NKP-G65-125/127/B/BAQV/5.5/2	60180168	3.994	3x400V ~	5.5	7.5	-	10.4		19.5	19	18.9	18.7	18.4	18.1	17.5	17.2	16.9	16.5	15.8	14.5	13	12	-	80	65	82
NKP-G65-125/137/B/BAQV/7.5/2	60168378	4.248	3x400V ~	7.5	10	-	13.4		23.5	23.1	23	22.8	22.6	22.5	22	21.6	21.1	20.7	20.2	19	17.5	14.8	12	80	65	94

MODEL*	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA										DNA	DNM	WEIGHT KG
			POWER SUPPLY 50 Hz	P2 NOMIN.		In (A)		Q=m³/h	0	90	102	114	120	150	180	210	240			
				kW	HP	230V	400V	Q=l/min	0	1500	1700	1900	2000	2500	3000	3500	4000			
NKP-G80-160/147-127/B/BAQV/11/2	60168379	5.597	3x400V ~	11	15	-	19.4	H (m)	24	22	21.4	20.4	20	17.4	16.8	12	-	100	80	179

* To be coupled to prefilters and fastening kit.

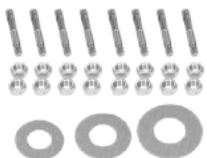
CAST IRON PREFILTERS RANGE

STANDARDISED END SUCTION PUMPS WITH CAST IRON PREFILTERS



DIAGRAM FOR SELECTING PUMP/FILTER/FASTENING KIT - TOP VERSION

Bronze impeller, Viton mechanical seal, cataphoresis-treated body

POLES		PUMP TYPE			PREFILTER				FILTER-PUMP FIXING KIT																
2	4	MODEL	CODE	PRICE	PHOTO	MODEL	CODE	PRICE	PHOTO	MODEL	CODE	PRICE													
		• NKM-G 40-200/200/B/BAQV/1.1/4	60180148	2.443		PREFILTER 65/65	60164699	1.455		PREFILTER FIXING KIT DN 65	60166309	93													
		• NKM-G 40-200/219/B/BAQV/1.5/4	60180149	2.549																					
		• NKM-G 40-250/245/B/BAQV/2.2/4	60180150	3.207																					
		• NKM-G 50-160/177/B/BAQV/1.5/4	60180151	2.478																					
		• NKM-G 50-200/210/B/BAQV/2.2/4	60180152	2.992																					
		• NKM-G 50-200/219/B/BAQV/3/4	60180153	3.226																					
		• NKM-G 50-250/263/B/BAQV/4/4	60180154	3.715																					
		• NKP-G 40-125/107/B/BAQV/1.5/2	60180161	1.886																					
		• NKP-G 40-125/120/B/BAQV/2.2/2	60180162	1.981																					
		• NKP-G 40-125/130/B/BAQV/3/2	60180163	2.106																					
		• NKP-G 50-125/115/B/BAQV/3/2	60180164	2.274																					
		• NKP-G 50-125/125/B/BAQV/4/2	60180165	2.522																					
		• NKP-G 50-125/135/B/BAQV/5.5/2	60180166	2.721																					
		• NKM-G 65-200/210/B/BAQV/3/4	60180155	3.688		PREFILTER 80/80	60164700	1.455		PREFILTER FIXING KIT DN 80- 100-125	60166312	150													
		• NKM-G 65-200/219/B/BAQV/4/4	60180156	3.995																					
		• NKM-G 65-250/263/B/BAQV/5.5/4	60180157	5.486																					
		• NKP-G 65-125/120-110/B/BAQV/4/2	60180167	3.506																					
		• NKP-G 65-125/127/B/BAQV/5.5/2	60180168	3.994																					
		• NKP-G 65-125/137/B/BAQV/7.5/2	60168378	4.248																					
		• NKM-G 80-200/200/B/BAQV/4/4	60180158	4.479									PREFILTER 100/100	60164701	1.672										
		• NKM-G 80-200/222/B/BAQV/5.5/4	60180159	4.933																					
		• NKM-G 80-250/240/B/BAQV/7.5/4	60168350	6.775																					
		• NKM-G 80-250/270/B/BAQV/11/4	60168351	7.258																					
		• NKP-G 80-160/147-127/B/BAQV/11/2	60168379	5.597																					
		• NKM-G 100-200/200/B/BAQV/5.5/4	60180160	5.701	PREFILTER 125/125															60164702	1.672				
		• NKM-G 100-200/214/B/BAQV/7.5/4	60168353	6.159																					
		• NKM-G 100-250/250/B/BAQV/11/4	60168369	7.727																					
		• NKM-G 125-250/243/B/BAQV/15/4	60168370	9.123	PREFILTER 150/150															60164703	3.836				
		• NKM-G 125-250/256/B/BAQV/18.5/4	60168371	9.662																					
		• NKM-G 150-200/218/B/BAQV/11/4	60168376	10.179																					

EUROCOVER

SUBMERSIBLE SWIMMING POOL PUMPS



Fully automatic submersible pump, with a large support base designed to increase its stability and allow it to operate even when not exactly perpendicular to the ground.
Suitable for use during the winter period above swimming pool covers, to remove rainwater and prevent the cover from breaking due to the excessive weight of the accumulated water.
Pump in tough thermoplastic material.
Stainless steel motor, shaft and screws.
Triple ring seal with oil pre-chamber in between.
Built-in float for automatic operation.
Submersible, continuous-duty asynchronous.
Stator in stainless steel enclosure covered by wiring and capacitor cap.

Protection degree IP68.

Insulation class F.

Supply voltage

230V - 50 Hz single-phase.

Supplied with 10 metres of cable and Schuko plug / 10 metres of cord for positioning on covers.
Multi rubber connector with clapet valve.

Operating range

0.5 to 6 m³/h with head up to 6.5 m.

Liquid temperature range

0 °C to +35 °C (EN60335-2-41).

Installation fixed or portable in a vertical position (max slope 10°).

Passage granulometry 5 mm.

Automatic start / stop
start 55mm - stop 35mm.

MODEL	CODE	PRICE €	ELECTRICAL DATA				HYDRAULIC DATA							WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		Q=m³h	0	1.2	2.4	3.6	4.8	6		
					kW	HP									
EUROCOVER	60115704.	383	230V ~	0.25	0.22	0.3	H (m)	6.5	5.1	4	3	1.9	0.5	4.6	36

GROUPING: B9 - B8

JET COM SP, EURO COM SP

CENTRIFUGAL SWIMMING POOL PUMPS



Self-priming centrifugal (Jet Com) or multistage (Euro Com) pump with excellent suction capacity even in the presence of air bubbles.
Suitable for use with water containing small quantities of sandy impurities. Particularly suitable for water supply in domestic systems: handling aggressive water generally containing chlorine (swimming pool water). Technopolymer pump body.

AISI 316 STAINLESS STEEL support, seal holder.

Carbon/ceramic mechanical seal.

AISI 316 STAINLESS STEEL rotor shaft.

Technopolymer impellers, diffuser, venturi tube and sand guard.

Stainless steel shim rings.

Continuous-duty asynchronous motor.

Built-in thermo-amperometric protection and permanently inserted capacitor for the single-phase version.

In the three-phase version, protection is the responsibility of the user.

Protection degree IP44.

Terminal board protection degree IP55.

Insulation class F.

Standard voltage

single-phase 220/240V - 50 Hz.

three-phase 230/400V - 50 Hz.

Operating range 10 to 80 L/min with head up to 58 m depending on model.

Pumped liquid clean, free of solids or abrasive substances, water from swimming pools (containing chlorine).

Liquid temperature range

0°C to +35°C for domestic use (EN 60335-2-41), 0°C to +40°C for other uses.

Maximum ambient temperature +40°C.

Maximum working pressure 6 bar (600 kPa).

Installation

fixed or portable in a horizontal position.

THREE-PHASE MOTORS	P2	< 0.75 kW	IE2	SINGLE-PHASE MOTORS	P2	≥ 120 W	IE2
		≥ 0.75 kW < 75 kW	IE3				
		≥ 75 kW	IE4				

MODEL	CODE	PRICE €	ELECTRICAL DATA						HYDRAULIC DATA										DNA GAS	DNM GAS	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8					
					KW	HP		Q=l/min	0	10	20	30	40	50	60	70	80					
JETCOM 82 SP M	60213239H	350	1x230 V	0.8	0.55	0.75	3.9	H (m)	47	40	34	30	26.2	23.5	20	-	-	1"	1"	7.7	28	
JETCOM 102 SP M	60212478H	403	1x230 V	1.02	0.75	1	4.5		53.8	47	41	36.3	32.4	28.8	25.8	-	-	1"	1"	9.5	28	
JETCOM 102 SP T	60181157H	405	3X230-400V~	1.04	0.75	1	3.4-2		53.8	47	41	36.3	32.4	28.8	25.8	-	-	1"	1"	9.5	28	
EUROCOM SP 30/50 M	60213206H	521	1x230 V	0.88	0.45	0.6	4		42.2	40.2	38.2	36.2	33.8	30	24.8	19.5	14	1"	1"	8.8	28	
EUROCOM SP 40/50 M	60212481H	603	1x230 V	1.11	0.85	1.15	4.8		57.7	55.3	52.8	50.1	47.1	42.7	35.8	28	19.2	1"	1"	11	28	
EUROCOM SP 40/50 T	60179420H	621	3x230-400 V ~	1.07	0.75	1	3.6-2.1		57.7	55.3	52.8	50.1	47.1	42.7	35.8	28	19.2	1"	1"	11.3	28	

MULTI 4 SW

HORIZONTAL MULTISTAGE SELF-PRIMING ELECTRIC PUMPS



Multi-impeller self-priming pumps ideal for water supply in domestic and garden applications. High-performance and extremely low noise. Available with 4 **Noryl impellers**. Anti-corrosion and anti-oxidation materials. Motor with thermal overheating protection. Double insulation system between motor and hydraulics. Excellent resistance to low temperatures. Equipped with power cable plus plug.

Operating range

flow rate up to 90 L/min; head up to 46 m.

Liquid temperature range

0°C to +35°C for domestic use.

0°C to +40°C for other uses.

Pumped liquid Designed specifically for pumping salt water.

Maximum suction depth 8 metres.

Maximum ambient temperature +40°C.

Protection degree IPX4.

Insulation class F.

Installation fixed or portable in a horizontal position.

Special versions available on request other voltages and/or frequencies.

SINGLE-PHASE MOTORS	P2	≥120 W	IE2

MODEL	CODE	PRICE €	ELECTRICAL DATA						HYDRAULIC DATA										N° IMPELLERS	DNA GAS	DNM GAS	WEIGHT KG	QTY PER PALLET
			POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4					
					kW	HP		Q=l/min	0	10	20	30	40	50	60	70	80	90					
MULTI 4 SW M	60212401	663	1x230V	0.93	0.63	0.85	4.2	H(m)	46	45	43	40	38	33	28	22	16	9	4	1"	1"	10.6	21

GROUPING: A7

NOVA SALT W

SUBMERSIBLE PUMPS



The Nova Salt W M-A is a multi-use submersible pump specially constructed for pumping **salt water**.

Anti-corrosion and anti-oxidation materials. Motor casing, motor shaft and nuts and bolts in AISI 316 stainless steel. Cable with tinned conductors. Motor with thermal overheating protection. Wear-resistant motor shaft and impeller.

Excellent motor cooling, allowing the pump to run even when only partially submerged. Automatic version with float switch for automatic pump start and stop and manual version. Equipped with power cable with plug and self-sealing connector.

Operating range

1 to 7.5 m³/h with head up to 6 metres.

Liquid temperature range

0°C to +35°C for domestic use.

Pumped liquid turbid water without fibres, including salt water.

Maximum immersion 7 metres.

MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA									DNM GAS	CABLE	WEIGHT KG	QTY PER PALLET	
			POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³/h	0	1	2	3	4.5	5	6	7					7.5
					kW	HP		Q=l/min	0	16.6	33.3	50	75	83.3	100	116.6					125
NOVA SALT W M-A	60122652	296	1X230V~	0.28	0.2	0.28	1.3	H(m)	6	5.4	4.7	3.9	2.8	2.5	1.7	1	0.5	1"¼	10m.	3.9	48

NOVAPOND

SUBMERSIBLE PUMPS



The models NovaPond are submersible pumps specially designed for the recirculation of water in garden ponds, to create waterfalls or other water features. They are designed to pump clean water containing solid particles with a maximum diameter of 10 mm. Suitable for continuous operation. Designed for horizontal or vertical installation. Environmentally safe. Materials resistant to corrosion and oxidation. Motor with thermal overload protection. Adjustable suction filter to enable transit of solid particles with a diameter from 5 mm to 10 mm. Supplied with power cable and plug, and self-sealing coupling.

Operating range

From 1 to 14 m³/h with head up to 9.4 metres. Suitable for continuous operation.

Liquid temperature range

From 0°C to +35°C.

Pumped liquid

Clean water, without fibres and with particles with maximum diam. 10 mm.

Maximum immersion depth 7 metres.

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MODEL	CODE	PRICE €	ELECTRICAL DATA					HYDRAULIC DATA														DNM GAS	CABLE	WEIGHT KG	Q.TY x PALLET
			VOLTAGE 50 Hz	P1 MAX W	P2 NOMINAL		In A	Q=m³/h	0	1	2	3	4.5	6	7.5	9	10.5	12	14						
					kW	HP		Q=l/min	0	17	33	50	75	100	125	150	175	200	233						
NOVAPOND 200 M	60122681	261	1X230 V~	280	0.2	0.28	1.3	H (m)	6.98	6.35	5.55	4.75	3.6	2.2	0.65	-	-	-	-	1"¼	10 m.	4.3	48		
NOVAPOND 550 M	60122684	435	1X230 V~	750	0.55	0.75	3.3		9.4	9.15	8.95	8.58	7.86	6.9	5.9	4.8	3.53	2.1	0.44	1"¼	10 m.	6.2	48		

ACCESSORIES

SWIMMING POOL PUMPS

ACCESSORIES

SWIMMING POOL, LAKE AND SALT WATER PUMPS

CONNECTION CABLE KIT	DESCRIPTION	CODE	PRICE €
	CONNECTION CABLE KIT 12 PIN ESWIM (16 METRE KIT)	60194430	155

UNION KIT	DESCRIPTION	CODE	PRICE €
	2 2" GAS/63MM INLETS, 2 SLEEVES FOR DN50 PIPES, FOR EUROSWM, ESWIM	60120005	62

FLANGE KIT	DESCRIPTION	CODE	PRICE €
	SUCTION+DELIVERY FLANGE KIT FOR EUROPRO HIGH FLOW	60165456	209

WATER FEATURES FOR NOVAPOND	DESCRIPTION	CODE	PRICE €
	TELESCOPIC TUBE	LP050001	71
	3 LEVELS	LP050003	46
	FOAM	LP050004	46
	FLOWER	LP050005	46
	WATER FEATURE BELL	LP050006	46

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1 KDN COMPACT EN 12845

FIREFIGHTING SETS TO UNI EN 12845 STANDARDS WITH ELECTRIC PUMP AND DIESEL PUMP



Firefighting sets with diesel engine and electric motor ideal for automatic sprinkler and/or hydrant systems in commercial buildings. Designed to be coupled with each other, in order to obtain all the versions and meet all the requirements of standards UNI EN 12845 and UNI 10779.

The pump is coupled by means of an elastic spacer coupling to an electric or diesel motor, capable of supplying the power absorbed by the pump under any pump load condition, from zero flow rate to the flow rate corresponding to a NPSH of 16m (as set out in point 10.1 of standard UNI EN 12845).

Modularity:

UNI EN 12845 DAB firefighting pump sets are supplied in a modular version. This design allows easy transport and installation of DAB fire-fighting sets in pump rooms, even with narrow access doors. Using a coupling kit (supplied as an accessory), all compositions envisaged by the standard (one-two-three pumps, electric or diesel, with or without jockey pump) can be assembled.

Operating range 10 to 650 m³/h

Pumped liquid clean, free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral close to the characteristics of water.

Liquid temperature range

0 to 40°C

Maximum ambient temperature

+40°C.

Maximum working pressure

16 bar (1600 kPa) PN16.

Special designs on request

Diesel version with water/water heat exchanger, Bronze impeller.

UNI EN 12845



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CHARACTERISTICS



COLLECTION CISTERN

Cistern for containing any fuel spillage from the diesel tank, including up to 11kW, as required by UNI 11292.



TANK

All motor pumps are equipped with a fuel tank sized for 6 hours of operation, as required for the highest hazard classes by EN 12845 - 10.9.6.



CLAPET VALVE

An inspectable non-return valve is mounted on the delivery port of each main pump to simplify maintenance.



FRAME

Compact steel frame painted RAL 3000 red for pump support, complete with anti-vibration devices to dampen vibrations transmitted to the system.



CONTROL PANELS

All firefighting sets include an electrical control panel according to EN 12845 / UNI 10779 for each main pump and an electrical control panel for the jockey pump, already connected to the main components (motor, pressure switches, sensor, batteries, etc.).



MOTORS

The motors of all main pumps are sized in accordance with EN 12845 - 10.1 to provide the power absorbed by the pump under any load condition up to NPSH of 16 m.w.c.



ALARM REMOTE CONTROL UNIT

Alarm signalling and remote control unit suitable for sets of 1 to 3 pumps.



HIGH QUALITY

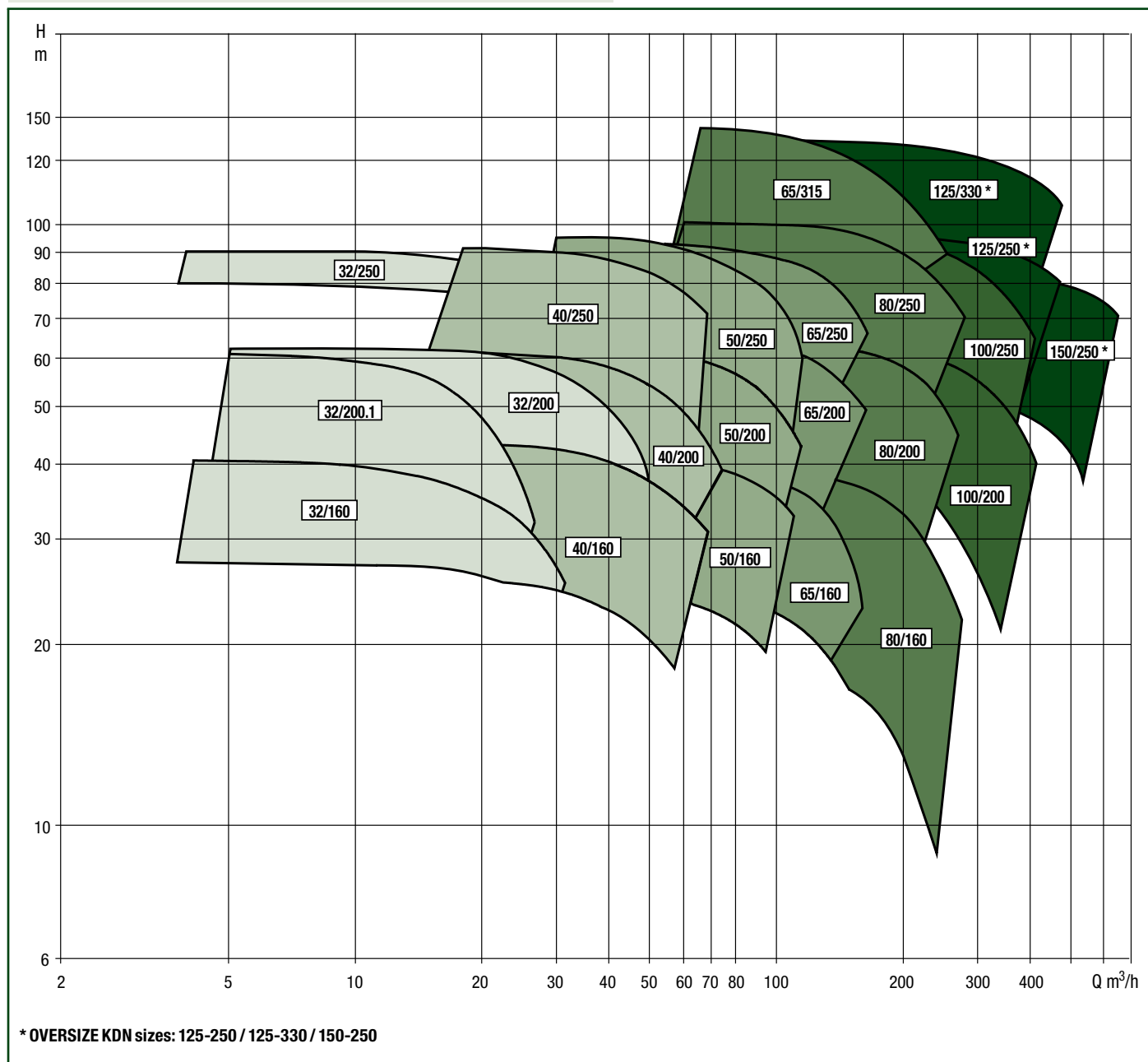
Firefighting sets designed and manufactured with components that guarantee a high quality standard.

1 KDN COMPACT EN 12845

FIREFIGHTING SETS TO UNI EN 12845 STANDARDS WITH ELECTRIC PUMP AND DIESEL PUMP



PERFORMANCE 1 KDN COMPACT EN 12845



RANGE WITH OVERSIZE KDN	RANGE WITH STANDARDISED KDN
FLOW RATE: UP TO 650 m³/h	FLOW RATE: UP TO 400 m³/h
HEAD: UP TO 130 m.	HEAD: UP TO 120 m.

1 KDN COMPACT EN 12845

FIREFIGHTING SETS TO UNI EN 12845 STANDARDS WITH ELECTRIC PUMP AND DIESEL PUMP



TECHNICAL DATA - 1 KDN COMPACT EN 12845 ELECTRIC

1 KDN COMPACT EN 12845

MODEL	CODE	P2 (kW)	PRICE €
1KDN 32-160.1/161 3 T 400/50 EN 12845	60174386	3	11.057
1KDN 32-160.1/169 4 T 400/50 EN 12845	60174387	4	11.392
1KDN 32-160.1/177 5,5 T 400/50 EN 12845	60174388	5.5	11.835
1KDN 32-160/177 5,5 T 400/50 EN 12845	60174389	5.5	11.835
1KDN 32-200.1/190 5,5 T 400/50 EN 12845	60174390	5.5	11.885
1KDN 32-200.1/200 5,5 T 400/50 EN 12845	60174391	5.5	11.885
1KDN 32-200.1/207 7,5 T 400/50 EN 12845	60174392	7.5	12.689
1KDN 32-200/180 5,5 T 400/50 EN 12845	60174393	5.5	11.885
1KDN 32-200/190 7,5 T 400/50 EN 12845	60174394	7.5	12.417
1KDN 32-200/200 7,5 T 400/50 EN 12845	60174395	7.5	12.417
1KDN 32-200/210 11 T 400/50 EN 12845	60174396	11	13.413
1KDN 32-200/219 11 T 400/50 EN 12845	60174397	11	13.413
1KDN 32-250/257 15 T 400/50 EN 12845	60176404	15	16.617
1KDN 40-160/161 7,5 T 400/50 EN 12845	60174398	7.5	12.585
1KDN 40-160/177 11 T 400/50 EN 12845	60174399	11	13.561
1KDN 40-200/200 11 T 400/50 EN 12845	60174400	11	14.486
1KDN 40-200/219 15 T 400/50 EN 12845	60176405	15	15.110
1KDN 40-250/230 15 T 400/50 EN 12845	60176406	15	15.255
1KDN 40-250/240 18,5 T 400/50 EN 12845	60176407	18.5	15.694
1KDN 40-250/260 30 T 400/50 EN 12845	60176408	30	17.839
1KDN 50-160/161 11 T 400/50 EN 12845	60176409	11	13.972
1KDN 50-160/177 15 T 400/50 EN 12845	60176410	15	15.094
1KDN 50-200/190 15 400/50 EN 12845	60176411	15	15.278
1KDN 50-200/210 18,5 T 400/50 EN 12845	60176412	18.5	15.857
1KDN 50-200/219 22 T 400/50 EN 12845	60176413	22	16.797
1KDN 50-250/230 22 T 400/50 EN 12845	60176414	22	17.026
1KDN 50-250/250 30 T 400/50 EN 12845	60176415	30	18.409
1KDN 50-250/263 37 T 400/50 EN 12845	60176416	37	20.539
1KDN 65-160/153 11 T 400/50 EN 12845	60176417	11	14.164
1KDN 65-200/190 18,5 T 400/50 EN 12845	60176418	18.5	16.508
1KDN 65-200/200 22 T 400/50 EN 12845	60176419	22	17.371
1KDN 65-250/230 30 T 400/50 EN 12845	60176420	30	19.665
1KDN 65-250/250 37 T 400/50 EN 12845	60176421	37	21.859
1KDN 65-250/263 45 T 400/50 EN 12845	60176422	45	24.513
1KDN 65-315/275 55 T 400/50 EN 12845	60176423	55	27.903
1KDN 65-315/290 75 T 400/50 EN 12845	60176424	75	35.760
1KDN 65-315/305 90 T 400/50 EN 12845	60176425	90	41.928
1KDN 65-315/320 110 T 400/50 EN 12845	60176426	110	51.665
1KDN 80-160/177 30 T 400/50 EN 12845	60176427	30	21.702
1KDN 80-200/200 37 T 400/50 EN 12845	60176428	37	23.328
1KDN 80-200/222 45 T 400/50 EN 12845	60197223	45	25.984
1KDN 80-250/240 55 T 400/50 EN 12845	60176429	55	27.903
1KDN 80-250/260 75 T 400/50 EN 12845	60176430	75	35.905
1KDN 80-250/270 90 T 400/50 EN 12845	60176431	90	41.340
1KDN 80-315/290 110 T 400/50 EN 12845	60187462	110	57.582
1KDN 100-200/200 55 T 400/50 EN 12845	60176432	55	29.871
1KDN 100-200/219 75 T 400/50 EN 12845	60176433	75	36.911
1KDN 100-250/240 90 T 400/50 EN 12845	60176434	90	40.983
1KDN 100-250/260 110 T 400/50 EN 12845	60176435	110	51.100
1KDN 125-250/264 160 T 400/50 EN 12845	60189108	160	83.359
1KDN 125-330/300 160 T 400/50 EN 12845	60198505	160	88.758
1KDN 150-250/264 160 T 400/50 EN 12845	60198469	160	88.843

1 KDN COMPACT EN 12845 + JOCKEY PUMP

MODEL	CODE	P2 (kW)	PRICE €
1KDN 32-160.1/161 3 T 400/50 EN 12845 JET	60174529	3	13.605
1KDN 32-160.1/169 4 T 400/50 EN 12845 JET	60174530	4	13.936
1KDN 32-160.1/177 5,5 T 400/50 EN 12845 JET	60174531	5.5	14.381
1KDN 32-160/177 5,5 T 400/50 EN 12845 JET	60174532	5.5	14.381
1KDN 32-200.1/190 5,5 T 400/50 EN 12845 JET	60174533	5.5	14.442
1KDN 32-200.1/200 5,5 T 400/50 EN 12845 JET	60174537	5.5	14.442
1KDN 32-200.1/207 7,5 T 400/50 EN 12845 JET	60174536	7.5	15.237
1KDN 32-200/180 5,5 T 400/50 EN 12845 JET	60174538	5.5	14.442
1KDN 32-200/190 7,5 T 400/50 EN 12845 JET	60174534	7.5	14.965
1KDN 32-200/200 7,5 T 400/50 EN 12845 JET	60174535	7.5	14.965
1KDN 32-200/210 11 T 400/50 EN 12845 JET	60174541	11	15.988
1KDN 32-200/219 11 T 400/50 EN 12845 JET	60174539	11	15.988
1KDN 32-250/257 15 T400/50 EN KVCX 85-120	60210980	15	19.600
1KDN 40-160/161 7,5 T 400/50 EN 12845 JET	60174543	7.5	15.134
1KDN 40-160/177 11 T 400/50 EN 12845 JET	60174542	11	16.278
1KDN 40-200/200 11 T 400/50 EN 12845 JET	60174540	11	16.773
1KDN 40-200/219 15 T 400/50 EN 12845 JET	60176470	15	17.712
1KDN 40-250/230 15 T 400/50 EN 12845 JET	60176471	15	17.869
1KDN 40-250/240 18,5 T 400/50 EN 12845 JET	60176472	18.5	18.286
1KDN 40-250/260 30 T400/50 EN12845 KVCX 85-120	60210856	30	20.436
1KDN 50-160/161 11 T 400/50 EN 12845 JET	60176474	11	16.569
1KDN 50-160/177 15 T 400/50 EN 12845 JET	60176475	15	17.708
1KDN 50-200/190 15 T 400/50 EN 12845 JET	60176476	15	17.898
1KDN 50-200/210 18,5 T 400/50 EN 12845 JET	60176477	18.5	18.472
1KDN 50-200/219 22 T 400/50 EN 12845 JET	60176478	22	19.436
1KDN 50-250/230 22 T 400/50 EN 12845 JET	60176479	22	19.634
1KDN 50-250/250 30 T 400/50 EN 12845 JET	60176480	30	21.032
1KDN 50-250/263 37 T 400/50 EN 12845 KV	60176481	37	26.273
1KDN 65-160/153 11 T 400/50 EN 12845 JET	60176482	11	16.761
1KDN 65-200/190 18,5 T 400/50 EN 12845 JET	60176483	18.5	18.599
1KDN 65-200/200 22 T 400/50 EN 12845 JET	60176484	22	19.436
1KDN 65-250/230 30 T 400/50 EN 12845 JET	60176485	30	22.370
1KDN 65-250/250 37 T 400/50 EN 12845 KVCX	60176486	37	25.129
1KDN 65-250/263 45 T400/50 EN12845 KVCX 85-120	60210826	45	27.790
1KDN 65-315/275 55 T 400/50 EN 12845 KV 3/15	60176488	55	31.070
1KDN 65-315/290 75 T 400/50 EN 12845 KV 3/15	60176489	75	39.007
1KDN 65-315/305 90 T 400/50 EN 12845 KV 3/18	60176490	90	45.164
1KDN 65-315/320 110 T 400/50 EN 12845 KV 3/18	60176491	110	53.689
1KDN 80-160/177 30 T 400/50 EN 12845 KVCX 65-80	60176492	30	22.545
1KDN 80-200/200 37 T 400/50 EN 12845 KVCX 65-80	60176493	37	25.755
1KDN 80-200/222 45 T 400/50 EN 12845 KVCX 65-80	60192430	45	28.418
1KDN 80-250/240 55 T 400/50 EN 12845 KVCX 65-80	60176494	55	31.070
1KDN 80-250/260 75 T400/50 EN12845 KVCX 85-120	60211111	75	39.185
1KDN 80-250/270 90 T400/50 EN12845 KVCX 85-120	60211140	90	44.609
1KDN 80-315/290 110 T 400/50 EN 12845 KV 3/15	60178896	110	60.727
1KDN 100-200/200 55 T 400/50 EN 12845 KVCX 65-80	60176497	55	33.045
1KDN 100-200/219 75 T 400/50 EN 12845 KVCX 65-80	60176498	75	40.123
1KDN 100-250/240 90 T 400/50 EN 12845 KVCX 65-80	60176499	90	44.251
1KDN100-250/260 110 T400/50 EN12845 KVCX85-120	60211475	110	53.195
1KDN 125-250/235 90 T 400/50 EN 12845 KV3/12	60179280	90	63.501
1KDN125-250/264 160 T400/50 EN KVCX85-120	60211612	160	86.511
1KDN 125-330/300 160 T 400/50 EN 12845 KV 3/12	60181997	160	91.771

1 KDN COMPACT EN 12845

FIREFIGHTING SETS TO UNI EN 12845 STANDARDS WITH ELECTRIC PUMP AND DIESEL PUMP



TECHNICAL DATA - 1 KDN COMPACT EN 12845 DIESEL

1 KDN

MODEL	CODE	P2 (kW)	PRICE €
1KDN 32-160.1/161 6.5 MDY EN12845	60210404	6.5	26.418
1KDN 32-160.1/169 6.5 MDY EN12845	60210402	6.5	26.453
1KDN 32-160.1/177 6.5 MDY EN12845	60210293	6.5	26.484
1KDN 32-160/177 6.5 MDY EN12845	60210337	6.5	26.848
1KDN 32-200.1/190 6.5 MDY EN12845	60210383	6.5	26.883
1KDN 32-200.1/200 6.5 MDY EN12845	60210375	6.5	26.931
1KDN 32-200.1/207 6.5 MDY EN12845	60210272	6.5	26.961
1KDN 32-200/180 6.5 MDY EN12845	60210355	6.5	27.014
1KDN 32-200/190 6.5 MDY EN12845	60210345	6.5	27.231
1KDN 32-200/200 11 MD EN12845	60210259	6.5	27.273
1KDN 32-200/210 11 MD EN 12845	60174379	11	27.447
1KDN 32-200/219 11 MD EN 12845	60173190	11	27.504
1KDN 32-250/257 19 MD EN12845	60209004	19	33.136
1KDN 40-160/161 6.5 MDY EN12845	60210413	6.5	26.961
1KDN 40-160/177 11 MD EN 12845	60173228	11	29.027
1KDN 40-200/200 11 MD EN 12845	60174378	11	29.727
1KDN 40-200/219 19 MD EN12845	60208728	19	30.448
1KDN 40-250/230 19 MD EN 12845	60176374	19	31.148
1KDN 40-250/240 19 MD EN 12845	60176375	19	31.516
1KDN 40-250/260 26.8 MDY EN 12845	60194396	26.8	37.308
1KDN 40-250/260 28 MDY S.C. EN 12845	60194401	28	39.635
1KDN 50-160/161 11 MD EN 12845	60173241	11	29.570
1KDN 50-160/177 19 MD EN12845	60209110	19	30.659
1KDN 50-200/190 19 MD EN12845	60209121	19	30.739
1KDN 50-200/210 19 MD EN 12845	60176379	19	31.312
1KDN 50-200/219 22.3 MDY EN 12845	60194526	22.3	37.487
1KDN 50-250/230 22.3 MDY EN 12845	60193838	22.3	37.640
1KDN 50-250/250 35 MDY EN 12845	60201719	35	45.083
1KDN 50-250/263 35 MDY EN 12845	60201756	35	45.083
1KDN 50-330/290 53 MD EN 12845	60199647	53	52.773
1KDN 50-200/219 23 MDY S.C. EN 12845	60200789	23	38.919
1KDN 50-250/230 23 MDY S.C. EN 12845	60193738	23	39.961
1KDN 50-250/250 36.4 MDY S.C. EN 12845	60201381	36.4	45.319
1KDN 50-250/263 36.4 MDY S.C. EN 12845	60201498	36.4	45.319
1KDN 50-330/290 53 MD S.C. EN 12845	60195304	53	57.205
1KDN 65-160/153 11 MD EN 12845	60173270	11	29.751
1KDN 65-200/190 19 MD EN 12845	60176384	19	31.516
1KDN 65-200/200 22.3 MDY EN 12845	60200899	22.3	37.692
1KDN 65-250/230 26.8 MDY EN 12845	60193841	26.8	40.355
1KDN 65-250/250 35 MDY EN 12845	60201988	35	44.421
1KDN 65-250/263 53 MD EN 12845	60176388	53	47.655
1KDN 65-315/275 73.5 MD EN 12845	60203257	53	52.018
1KDN 65-315/290 73.5 MD EN 12845	60176390	73.5	52.851
1KDN 65-315/305 110 MD EN 12845	60176391	110	66.200
1KDN 65-315/320 110 MD EN 12845	60176392	110	67.211
1KDN 65-200/200 23 MDY S.C. EN 12845	60200917	23	39.276
1KDN 65-250/230 28 MDY S.C. EN 12845	60193817	28	42.593
1KDN 65-250/250 36,4 MDY S.C. EN 12845	60201506	36.4	49.028
1KDN 65-250/263 53 MD S.C. EN 12845	60181005	53	52.705
1KDN 65-315/275 73,5 MD S.C. EN 12845	60203285	73.5	56.059
1KDN 65-315/290 73,5 MD S.C. EN 12845	60184164	73.5	57.047

1 KDN + JOCKEY PUMP

MODEL	CODE	P2 (kW)	PRICE €
1KDN 65-315/305 110 MD S.C. EN 12845	60186181	110	68.634
1KDN 65-315/320 MD S.C. EN 12845	60207919	110	69.649
1KDN 80-160/177 26.8 MDY EN 12845	60201135	26.8	47.510
1KDN 80-200/200 35 MDY EN	60202049	35	47.923
1KDN 80-250/240 73.5 MD EN 12845	60176395	73.5	55.127
1KDN 80-250/260 110 MD EN 12845	60176396	110	65.362
1KDN 80-250/270 110 MD EN 12845	60176397	110	65.383
1KDN 80-315/290 110 MD EN 12845	60178893	110	74.524
1KDN 80-160/177 28 MDY S.C. EN 12845	60201185	28	48.398
1KDN 80-200/200 36.4 MDY S.C. EN 12845	60202006	36.4	49.093
1KDN 80-250/240 73,5 MD S.C. EN 12845	60185487	73.5	55.554
1KDN 80-250/260 110 MD S.C. EN 12845	60184208	110	70.725
1KDN 80-250/270 110 MD S.C. EN 12845	60186199	110	70.741
1KDN 80-315/290 110 MD S.C. EN 12845	60199644	110	79.887
1KDN 100-200/200 53 MD EN 12845	60176398	53	52.018
1KDN 100-200/219 73.5 MD EN 12845	60176399	73.5	65.742
1KDN 100-250/240 110 MD EN 12845	60176400	110	66.200
1KDN 100-250/260 110 MD EN 12845	60176402	110	67.211
1KDN 100-200/200 53 MD S.C. EN 12845	60188847	53	56.858
1KDN 100-200/219 MD S.C. EN 12845	60207930	73.5	66.174
1KDN 100-250/240 110 MD S.C. EN 12845	60195338	110	69.615
1KDN 100-250/260 110 MD S.C. EN 12845	60181028	110	72.574
1KDN 125-250/235 110 MD EN 12845	60179313	110	82.995
1KDN 125-330/300 164 MD EN 12845	60181996	164	94.172
1KDN 125-250/235 MD S.C. EN 12845	60207983	110	95.445
1KDN 125-330/300 197 MD S.C. EN 12845	60195745	197	112.982
1KDN 150-250/264 164 MD EN 12845	60192388	197	104.824
1KDN 150-250/264 197 MD S.C. EN 12845	60206772	197	114.164

Heat Exchanger is available on request for diesel motors from 23 kW

1 KVT EN 12845

EN 12845 DIESEL AND ELECTRIC FIREFIGHTING SETS WITH VERTICAL TURBINE PUMPS



DIESEL MODULE

ELECTRIC MODULE



1 KVT EN 12845 firefighting sets with diesel and electric motors, ideal for automatic sprinkler and/or hydrant systems in commercial buildings, are manufactured with vertical turbine pumps as per UNI EN 12845 article 10.6.1.

Simplified maintenance:

The submerged pump body and above-ground motor drive unit eliminate any priming issues, in addition to making the job of the maintenance technician much easier.

Modularity:

DAB booster sets are designed to be coupled together so as to be able to compose and comply with all versions required by UNI EN 12845.

Available set models:

- 1 KVT EN 12845 EN

consisting of an axial-flow vertical turbine pump with an electric motor including submersible pump, cork plug, control head installed on an appropriate base, electrical control panel.

- 1 KVT EN 12845 MD EN

consisting of an axial-flow vertical turbine pump with air or radiator cooled diesel engine (with exchanger on request), including submersible pump, cork plug, control head installed on an appropriate base, electrical control panel, diesel tank sized to ensure 6 hours of operation.

Operating range

4 to 300 m³/h

Pumped liquid clean, free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral close to the characteristics of water.

Liquid temperature range

0 to 40°C

Maximum ambient temperature

+40°C.

Maximum working pressure

16 bar (1600 kPa) PN16.

Special designs on request

Diesel version with water/water heat exchanger, performance not in the catalogue.

UNI EN 12845

UNI 10779

ACCESSORIES
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CHARACTERISTICS



VERTICAL TURBINE PUMP

Axial-flow vertical turbine pumps have the enormous advantage of having an under head installation even with an underground tank (UNI EN 12845 - 10.6.1). Vertical turbine pumps are cataphoresis treated and complete with a cork plug and can be coupled to electric motors or diesel engines via the control head, which is installed on an appropriate base.



COUPLING KIT

To make up all the versions permitted by the standard (2-3 pump sets), DAB supplies a coupling kit as an accessory, which must be assembled between the delivery manifolds of the individual sets.



TANK

Each diesel engine driven pump has a diesel tank that guarantees 6 hours of operation. For engine powers up to 26 kW, a collection cistern is also included (in compliance with UNI 11292) to contain any fuel spillages.



ANTI-VORTEX PLATE

Axial-flow vertical turbine pumps can be equipped with anti-vortex plates to keep the minimum head above the suction (UNI EN 12845 - 9.3.5), in order to make the most of the volume of the storage tank.



FLOW METER

The measuring kit complete with flow meter is to be installed on a branch on the delivery manifold of the set. It is used to check the performance of the main pumps.



AXIAL LINE

The axial line is a flanged cataphoresis treated pipe complete with transmission shaft that connects the submersible pump to the control head and the corresponding guide supports (separate accessory).



CONTROL HEAD

Control head connected to the motor via a 3-part spacer coupling. This allows the 2 elements (motor or pump) to be removed independently, as per UNI EN 12845 - 10.1.



JOCKEY PUMP

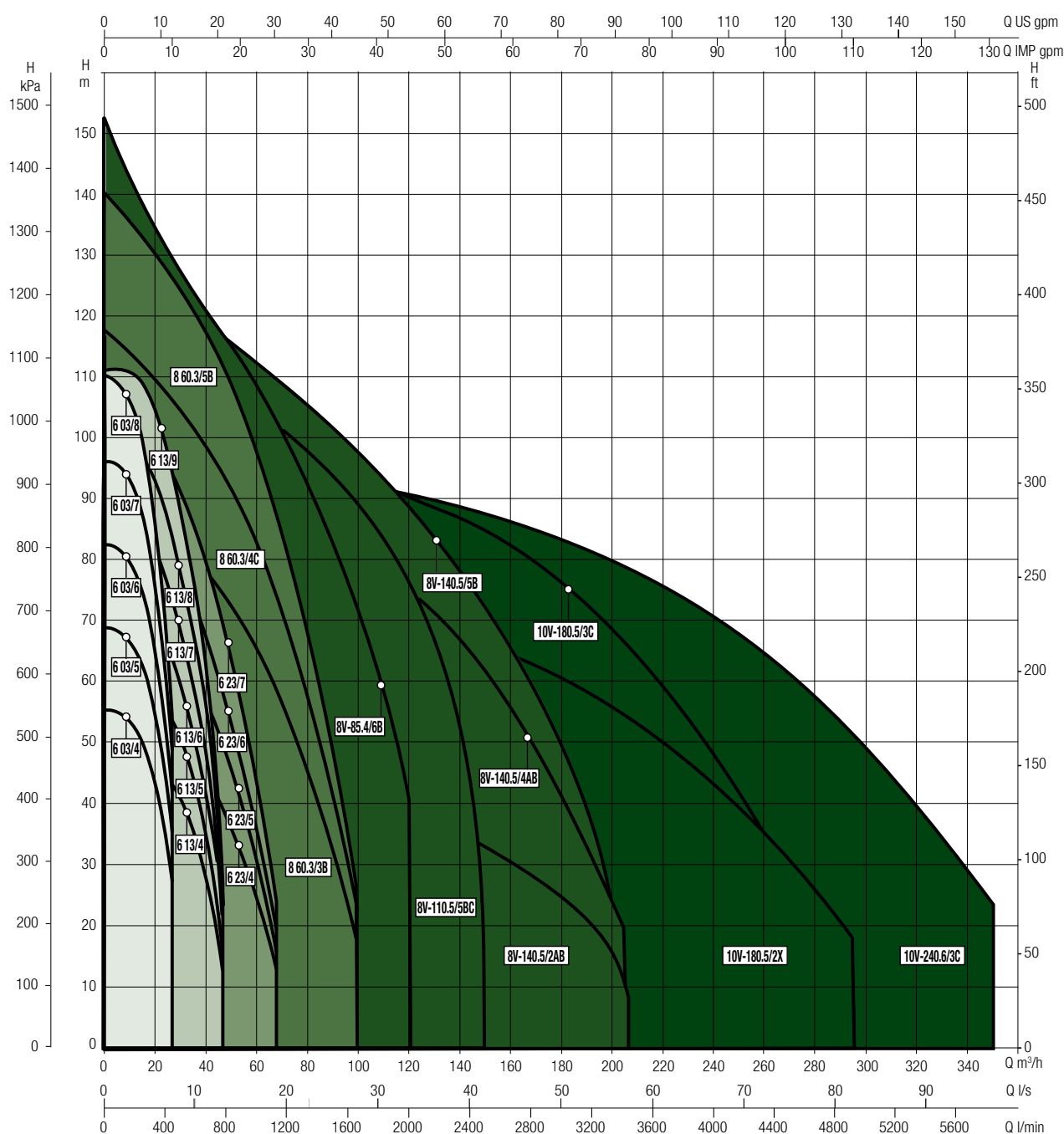
Submersible jockey pump complete with 20-litre expansion tank and its own electrical control panel.

1 KVT EN 12845

EN 12845 DIESEL AND ELECTRIC FIREFIGHTING SETS WITH VERTICAL TURBINE PUMPS



PERFORMANCE 1 KVT EN 12845



RANGE 1 KVT EN 12845

FLOW RATE: UP TO 320 m³/h

HEAD: UP TO 150 m

INSTALLATION

FIREFIGHTING SETS TO UNI EN 12845 STANDARDS



APPLICATION EXAMPLES INSTALLATION WITH 1 KDN COMPACT EN 12845



UNDER HEAD INSTALLATION

The standards set out, in order of preference, the various ways in which a pump for a firefighting system can be installed.

End-suction horizontal pumps must be installed under head whenever possible and standard EN 12845 clearly sets out the parameters for under head installation:

- at least two thirds of the effective capacity of the suction tank must be above the level of the pump shaft;
- the pump shaft must not be more than 2 m above the minimum water level in the supply tank.



OVER HEAD INSTALLATION

If an under head installation is not possible, the over head system can be installed. However, over head installation is not recommended by EN 12845, which specifies that it should only be considered if an under head installation is not possible.

The standard indicates the maximum distance between the shaft of the pumps and the lowest point of the suction pipe must be 3.2 m.

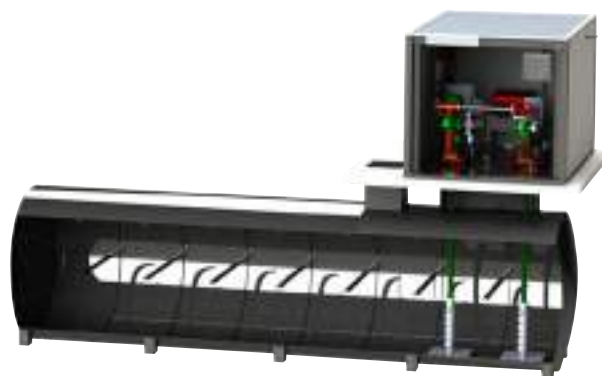
It is also necessary to ensure the priming of the main pumps with a specific priming tank (1 for each main pump) positioned above them.

APPLICATION EXAMPLES INSTALLATION WITH 1 KVT EN 12845

UNDER HEAD INSTALLATION

If an under head installation with end-suction horizontal pumps is not possible, EN 12845 recommends using vertical turbine pumps. Vertical turbine pumps have the enormous advantage of having an under head installation even with an underground tank.

The submerged pump body and above-ground motor drive unit eliminate any priming issues, in addition to making the job of the maintenance technician much easier.



1 KVT EN 12845

EN 12845 DIESEL AND ELECTRIC FIREFIGHTING SETS WITH VERTICAL TURBINE PUMPS



1 KVT EN 12845 WITH ELECTRIC MOTOR 1 KVT EN 12845 WITH DIESEL MOTOR

MODEL	CODE	P2 (kW)	JOCKEY PUMP FOR COUPLING	PRICE €	MODEL	CODE	P2 (kW)	JOCKEY PUMP FOR COUPLING	PRICE €
1KVT6 03/4 5.5 400/50 EN12845	60179712	5.5	PULSAR 65/50	20.500	1KVT6 03/4 6.5 MDY EN12845	60210690	6.5	PULSAR 65/50	32.746
1KVT6 03/5 7.5 400/50 EN12845	60179713	7.5	PULSAR 65/50	20.693	1KVT6 03/5 6.5 MD EN12845	60210691	6.5	PULSAR 65/50	32.795
1KVT6 03/6 7.5 400/50 EN12845	60179714	7.5	S4 3/19	21.257	1KVT6 03/6 11 MD EN12845	60179675	11	S4 3/19	39.129
1KVT6 03/7 11 400/50 EN12845	60179715	11	S4 3/19	23.712	1KVT6 03/7 11 MD EN12845	60179676	11	S4 3/19	37.716
1KVT6 03/8 11 400/50 EN12845	60179716	11	S4 3/19	24.231	1KVT6 03/8 11 MD EN12845	60179677	11	S4 3/19	40.181
1KVT6 13/4 7.5 400/50 EN12845	60179699	7.5	PULSAR 65/50	21.107	1KVT6 13/4 6.5 MDY EN12845	60210681	6.5	PULSAR 65/50	34.572
1KVT6 13/5 7.5 400/50 EN12845	60179698	7.5	PULSAR 65/50	21.639	1KVT6 13/5 11 MD EN12845	60179679	11	PULSAR 65/50	36.502
1KVT6 13/6 11 400/50 EN12845	60179700	11	PULSAR 65/50	23.177	1KVT6 13/6 11 MD EN12845	60179680	11	PULSAR 65/50	36.913
1KVT6 13/7 11 400/50 EN12845	60179696	11	S4 3/19	23.712	1KVT6 13/7 11 MD EN12845	60179682	11	S4 3/19	39.658
1KVT6 13/8 15 400/50 EN12845	60179697	15	S4 3/19	24.636	1KVT6 13/8 19 MD EN12845	60209438	19	S4 3/19	40.548
1KVT6 13/9 15 400/50 EN12845	60179701	15	S4 3/19	25.156	1KVT6 13/9 19 MD EN12845	60209398	19	S4 3/19	40.609
1KVT6 23/4 11 400/50 EN12845	60179705	11	PULSAR 65/50	22.169	1KVT6 23/4 11 MD EN12845	60179685	11	PULSAR 65/50	38.117
1KVT6 23/5 11 400/50 EN12845	60179704	11	PULSAR 65/50	22.718	1KVT6 23/5 19 MD EN12845	60209397	19	PULSAR 65/50	41.872
1KVT6 23/6 15 400/50 EN12845	60179703	15	PULSAR 65/50	23.662	1KVT6 23/6 19 MD EN12845	60209394	19	PULSAR 65/50	42.407
1KVT6 23/7 18.5 400/50 EN12845	60179702	18.5	S4 3/19	28.573	1KVT6 23/7 19 MD EN12845	60179687	19	S4 3/19	42.947
1 KVT 8 60.3/3B 18.5 3X400 50 IE3 EN12845	60218130	18.5	S4 3/19	24.691	1KVT8 60.3/3B 19 MD EN12845	60218133	19	S4 3/19	41.078
1 KVT 8 60.3/4C 22 3X400 50 IE3 EN12845	60218450	22	S4 3/19	26.123	1KVT8 60.3/5B 35 MDY EN12845	60218553	35	S4 3/19	56.579
1KVT8 60.3/5B 30 400/50 EN12845	60218544	30	S4 3/19	29.453	1KVT8 140.5/2AB 19 MD EN12845	60211619	19	S4 3/19	51.000
1KVT8 85.4/6B 30 400/50 EN12845	60211607	30	S4 1/26	29.663	1KVT8 60.3/5B 36.4 MDY S.C. EN12845	60218552	36.4	S4 3/19	57.912
1KVT8 110.5/5BC 37 400/50 EN12845	60211614	37	S4 1/26	34.851	1KVT8 85.4/6B 36.4 MDY EN12845 S.C.	60211456	36.4	S4 1/26	58.765
1KVT8 140.5/2AB 18.5 400/50 EN12845	60211622	18.5	S4 3/19	26.481	1KVT8 110.5/5BC 36.4 MDY EN12845 S.C.	60211610	36.4	S4 1/26	61.228
1KVT8 140.5/4AB 37 400/50 EN12845	60211658	37	S4 3/19	34.929	1KVT8 140.5/4AB 36.4 MDY EN12845 S.C.	60211635	36.4	S4 3/19	61.342
1KVT8 140.5/5B 45 400/50 EN12845	60211685	45	S4 1/26	38.723	1KVT8 140.5/5B 53 MD EN12845 S.C.	60211670	53	S4 1/26	66.757
1KVT10 180.5/2X 45 400/50 EN12845	60211711	45	S4 3/19	38.939	1KVT10 180.5/2X 53 MD S.C. EN12845	60211706	53	S4 3/19	72.204
1KVT10 180.5/3C 55 400/50 EN12845	60211445	55	S4 1/26	49.709	1KVT10 180.5/3C 73.5 MD S.C. EN12845	60211010	73.5	S4 1/26	79.643
1KVT10 240.6/3C 75 400/50 EN12845	60211725	75	S4 1/26	64.093	1KVT10 240.6/3C 73.5 MD EN12845 S.C.	60211724	73.5	S4 1/26	80.268

Heat Exchanger is available on request for diesel motors from 23 kW

ACCESSORIES

KIT PUMP SYSTEM		DESCRIPTION	CODE	PRICE €
		KIT JOCKEY PUMP PULSAR 65/50T 400/50	60211325	3.220
		KIT JOCKEY PUMP S4 3/19T 400/50	60180501	3.577
		PUMP SYSTEM S4 1/26 400/50 EN 12845	60203248	4.537

Including 18 l expansion vessel, electric control panel, valves for the connection of the jockey pump to the main KVT pump.

1 KVT EN 12845

EN 12845 DIESEL AND ELECTRIC FIREFIGHTING SETS WITH VERTICAL TURBINE PUMPS



ACCESSORIES

LINE SHAFT	MODEL AND LENGHT*	CODE	PRICE
 The axial line is a flanged pipe treated with black cataphoresis paint coating that connects the submersible pump to the control head, with the corresponding guide supports.	3A20L LINESHAFT Ø142 L=500	60179642	1.196
	3A20L LINESHAFT Ø142 L=750	60179641	1.196
	3A20L LINESHAFT Ø142 L=1000	60179640	1.196
	3A20L LINESHAFT Ø142 L=1500	60179639	1.196
	3A20L LINESHAFT Ø142 L=2000	60179638	1.196
	3A20L LINESHAFT Ø142 L=2500	60179637	1.196
	3A20L LINESHAFT Ø142 L=3050	60179636	1.196
	3A24L LINESHAFT Ø142 L=500	60179647	1.334
	3A24L LINESHAFT Ø142 L=750	60179644	1.334
	3A24L LINESHAFT Ø142 L=1000	60179643	1.334
	3A24L LINESHAFT Ø142 L=1500	60179649	1.334
	3A24L LINESHAFT Ø142 L=2000	60179645	1.334
	3A24L LINESHAFT Ø142 L=2500	60179646	1.334
	3A24L LINESHAFT Ø142 L=3050	60179648	1.334
	5A24L LINESHAFT Ø191 L=500	60179656	2.016
	5A24L LINESHAFT Ø191 L=750	60179655	2.016
	5A24L LINESHAFT Ø191 L=1000	60179654	2.016
	5A24L LINESHAFT Ø191 L=1500	60179653	2.016
	5A24L LINESHAFT Ø191 L=2000	60179652	2.016
	5A24L LINESHAFT Ø191 L=2500	60179651	2.016
	5A24L LINESHAFT Ø191 L=3050	60179650	2.016
	5A27L LINESHAFT Ø191 L=500	60179663	2.172
	5A27L LINESHAFT Ø191 L=750	60179662	2.172
	5A27L LINESHAFT Ø191 L=1000	60179661	2.172
	5A27L LINESHAFT Ø191 L=1500	60179660	2.172
	5A27L LINESHAFT Ø191 L=2000	60179659	2.172
	5A27L LINESHAFT Ø191 L=2500	60179658	2.172
	5A27L LINESHAFT Ø191 L=3050	60179657	2.172
	6A30L LINESHAFT Ø240 L=500	60179670	2.826
	6A30L LINESHAFT Ø240 L=750	60179669	2.826
	6A30L LINESHAFT Ø240 L=1000	60179668	2.826
	6A30L LINESHAFT Ø240 L=1500	60179667	2.826
	6A30L LINESHAFT Ø240 L=2000	60179666	2.826
	6A30L LINESHAFT Ø240 L=2500	60179665	2.826
	6A30L LINESHAFT Ø240 L=3050	60179664	2.744
	3A20L LINESHAFT FROM 600 MM TO 3000 MM (50MM AND MULTIPLES)	-	1.320
	3A24L LINESHAFT FROM 600 MM TO 3000 MM (50MM AND MULTIPLES)	-	1.532
	5A24L LINESHAFT FROM 600 MM TO 3000 MM (50MM AND MULTIPLES)	-	2.230
	5A27L LINESHAFT FROM 600 MM TO 3000 MM (50MM AND MULTIPLES)	-	2.442
	6A30L LINESHAFT FROM 600 MM TO 3000 MM (50MM AND MULTIPLES)	-	3.137

* L Length in mm (500 to 3050 mm)

S4, SS 6, SS 7, SS 8 - EN 12845

FIREFIGHTING SETS TO UNI EN 12845 STANDARDS WITH 4", 6", 7", 8" SUBMERSIBLE ELECTRIC PUMPS



TECHNICAL DATA

Firefighting pump sets manufactured to the specifications of European standard UNI EN 12845. Fixed fire-fighting installations - Automatic sprinkler systems. The pumps (both standard and jockey) are supplied with 15 metres of cable as standard. The 6" to 8" SS 6, 7, 8 electric pumps are made entirely of AISI 304 stainless steel.

NOTES ON UNI EN 12845

Standard UNI EN 12845, the Italian version of the European standard EN 12845, establishes criteria for the design, installation and maintenance of sprinkler systems.

An automatic sprinkler system is designed to detect the presence of a fire and extinguish it at an early stage or to keep the flames under control until it can be extinguished by other means.

The classic sprinkler system includes a water supply, a firefighting pump set, control valves and a network of piping equipped with sprinklers.

The main pump keeps running until it is manually stopped by pressing the STOP button on the electrical control panel.

For hydrant networks, reference should be made to UNI 10779 - July 07. UNI 10779, in addition to requiring supply pumps according to UNI EN 12845, allows, in the case of activities that are not constantly manned, the automatic stopping of pumps 20 minutes after hydrant closure. DAB sets are suitable for both manual shut-off sprinkler networks and automatic shut-off hydrant networks.

OPERATION OF FIREFIGHTING SET IN ACCORDANCE WITH UNI EN 12845

Under normal conditions (zero water demand) the system is under static pressure. At the first demand for water, the jockey pump starts, which restores the system pressure. If the water demand is high (firefighting sprinklers open), the system pressure drops until the two pressure switches connected in series activate the main pump. The two start-up pressure switches must be calibrated to start the pumps at the pressure values indicated in the table below.

Operating range 4 to 160 m³/h

Pumped liquid clean, free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral close to the characteristics of water.

Liquid temperature range

0 to 25°C

Maximum ambient temperature

+25 °C.

Maximum working pressure

16 bar (1600 kPa) PN16.

Special designs on request

With spliced cable on request.

The panels of the sets with submersible pumps are already mounted on a stand for quicker installation.

The pumps (both main and jockey) are supplied with 15 metres of power cable as standard.

All 6" to 8" electric pumps (SS 6 - SS 7 and SS 8) are made entirely of AISI 304 stainless steel.



UNI EN 12845

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ONE-PUMP SETS	P = 0.8 X MAX PUMP PRESSURE	
TWO-PUMP SETS	PUMP 1: P1 = 0.8 X MAX PRESSURE	PUMP 2: P2 = 0.6 X MAX PRESSURE

Ex: Max. pressure 10 bar - pump 1 starts at 8 bar and pump 2 starts at 6 bar.

S4, SS 6, SS 7, SS 8 - EN 12845

FIREFIGHTING SETS TO UNI EN 12845 STANDARDS WITH 4", 6", 7", 8" SUBMERSIBLE ELECTRIC PUMPS



4" SUBMERSIBLE ELECTRIC PUMPS

1 S4 PUMP

MODEL	CODE	PRICE €
1S4 8/9 015 T 400/50 EN 12845 15MT CABLE	60202170	9.428
1S4 8/15 022 T 400/50 EN 12845 15MT CABLE	60202073	9.988
1S4 8/21 030 T 400/50 EN 12845 15MT CABLE	60201990	10.238
1S4 16/12 022 T 400/50 EN 12845 15MT CABLE	60202004	9.664
1S4 16/16 030 T 400/50 EN 12845 15MT CABLE	60202175	10.426
1S4 16/21 040 T 400/50 EN 12845 15MT CABLE	60202178	11.012
1S4 16/29 055 T 400/50 EN 12845 15MT CABLE	60202182	11.363

1 S4 + PILOT PUMP

MODEL	CODE	PRICE €
1S4 8/9 015 T 400/50 EN 12845-S4 3/19 011 T-15MT CABLE	60202145	12.165
1S4 8/15 022 T 400/50 EN 12845-S4 3/25 015 T-15MT CABLE	60202067	12.864
1S4 8/21 030 T 400/50 EN 12845-S4 3/25 015 T-15MT CABLE	60202045	13.252
1S4 16/12 022 T 400/50 EN 12845-S4 3/13 007 T-15MT CABLE	60202063	12.254
1S4 16/16 030 T 400/50 EN 12845-S4 3/13 007 T-15MT CABLE	60202146	12.805
1S4 16/21 040 T 400/50 EN 12845-S4 3/19 011 T-15MT CABLE	60202158	13.394
1S4 16/29 055 T 400/50 EN 12845-S4 3/25 015 T-15MT CABLE	60202164	14.361

6" SUBMERSIBLE ELECTRIC PUMPS

1 SS 6 PUMP

MODEL	CODE	PRICE €
1 SS6 C06 T 400/50 EN 12845 WITH CABLE	60204321	13.955
1 SS6 C08 T 400/50 EN 12845 WITH CABLE	60204323	14.373
1 SS6 C11 T 400/50 EN 12845 WITH CABLE	60204338	14.866
1 SS6 D04 T 400/50 EN 12845 WITH CABLE	60204341	13.790
1 SS6 D05 T 400/50 EN 12845 WITH CABLE	60204378	14.036
1 SS6 D06 T 400/50 EN 12845 WITH CABLE	60204382	14.372
1 SS6 D07 T 400/50 EN 12845 WITH CABLE	60204385	15.649
1 SS6 D09 T 400/50 EN 12845 WITH CABLE	60204498	16.058
1 SS6 E03 T 400/50 EN 12845 WITH CABLE	60204388	13.871
1 SS6 E04 T 400/50 EN 12845 WITH CABLE	60204393	14.213
1 SS6 E05 T 400/50 EN 12845 WITH CABLE	60204407	15.440
1 SS6 E06 T 400/50 EN 12845 WITH CABLE	60204411	15.803
1 SS6 E07 T 400/50 EN 12845 WITH CABLE	60204512	17.024
1 SS6 E08 T 400/50 EN 12845 WITH CABLE	60204538	17.230

1 SS 6 + PILOT PUMP

MODEL	CODE	PRICE €
1SS6 C6 T 400/50 EN 12845 - S4 3/19 T 15MT CABLE	60203891	16.491
1SS6 C8 T 400/50 EN 12845 - S4 3/19 T 15MT CABLE	60203902	17.064
1SS6 C11 T 400/50 EN 12845 - S4 3/25 T 15MT CABLE	60203952	17.776
1SS6 D4 T 400/50 EN 12845 - S4 3/13 T 15MT CABLE	60203810	16.332
1SS6 D5 T 400/50 EN 12845 - S4 3/19 T 15MT CABLE	60204036	16.574
1SS6 D6 T 400/50 EN 12845 - S4 3/19 T 15MT CABLE	60204302	17.061
1SS6 D7 T 400/50 EN 12845 - S4 3/19 T 15MT CABLE	60204303	18.339
1SS6 D9 T 400/50 EN 12845 - S4 3/25 T 15MT CABLE	60204444	19.014
1SS6 E3 T 400/50 EN 12845 - S4 3/13 TC 15MT CABLE	60203691	16.407
1SS6 E4 T 400/50 EN 12845 - S4 3/13 T 15MT CABLE	60203696	16.604
1SS6 E5 T 400/50 EN 12845 - S4 3/19 T 15MT CABLE	60204304	17.977
1SS6 E6 T 400/50 EN 12845 - S4 3/19 T 15MT CABLE	60204312	18.490
1SS6 E7 T 400/50 EN 12845 - S4 3/25 T 15MT CABLE	60204506	19.982
1SS6 E8 T 400/50 EN 12845 - S4 3/25 T 15MT CABLE	60204537	20.182

7", 8" SUBMERSIBLE ELECTRIC PUMPS

1 SS 7, SS 8 PUMP

MODEL	CODE	PRICE €
1SS7 A4 T 400/50 EN 12845 15 MT CABLE	60204726	19.550
1SS7 A5 T 400/50 EN 12845 15 MT CABLE	60204790	21.062
1SS7 A6 T 400/50 EN 12845 15 MT CABLE	60204832	22.520
1SS7 B3 T 400/50 EN 12845 15 MT CABLE	60204835	20.534
1SS7 B4 T 400/50 EN 12845 15 MT CABLE	60204849	21.989
1SS7 B5 T 400/50 EN 12845 15 MT CABLE	60204876	23.309
1SS8 A3 T 400/50 EN 12845 15 MT CABLE	60204909	21.493
1SS8 A4 T 400/50 EN 12845 15 MT CABLE	60204913	22.784
1SS8 A5 T 400/50 EN 12845 15 MT CABLE	60204929	25.636
1SS8 B3B.3 T 400/50 EN 12845 15 MT CABLE	60204933	22.263
1SS8 B3 T 400/50 EN 12845 15 MT CABLE	60205663	25.116
1SS8 B4 T 400/50 EN 12845 15 MT CABLE	60205672	30.267

1 SS 7, SS 8 + PILOT PUMP

MODEL	CODE	PRICE €
1SS7 A4 T 400/50 EN 12845 - S4 3/19 T 15MT CABLE	60204662	22.234
1SS7 A5 T 400/50 EN 12845 - S4 3/19 T 15MT CABLE	60204774	23.749
1SS7 A6 T 400/50 EN 12845 - S4 3/25 T 15MT CABLE	60204813	25.439
1SS7 B3 T 400/50 EN 12845 - S4 3/19 T 15MT CABLE	60204834	23.221
1SS7 B4 T 400/50 EN 12845 - S4 3/25 T 15MT CABLE	60204848	24.913
1SS7 B5 T 400/50 EN 12845 - S4 3/25 T 15MT CABLE	60204853	26.232
1SS8 A3 T 400/50 EN 12845 - S4 3/19 T 15MT CABLE	60204890	24.154
1SS8 A4 T 400/50 EN 12845 - S4 3/25 T 15MT CABLE	60204912	25.468
1SS8 A5 T 400/50 EN 12845 - S4 3/25 T 15MT CABLE	60204920	28.565
1SS8 B3B.3 T 400/50 EN 12845 - S4 3/19 T 15MT CABLE	60204931	24.948
1SS8 B3 T 400/50 EN 12845 - S4 3/25 T 15MT CABLE	60204946	28.039
1SS8 B4 T 400/50 EN 12845 - S4 3/25 T 15MT CABLE	60205667	33.188

1, 2 NKV EN 12845

FIREFIGHTING SETS TO UNI EN 12845 STANDARDS WITH VERTICAL ELECTRIC PUMPS



TECHNICAL DATA

Firefighting pump sets manufactured to the specifications of European standard UNI EN 12845. Fixed fire-fighting installations - Automatic sprinkler systems.

NOTES ON UNI EN 12845

Standard UNI EN 12845, the Italian version of the European standard EN 12845, establishes criteria for the design, installation and maintenance of sprinkler systems and replaces the previous Italian standards UNI 9489 and UNI 9490. An automatic sprinkler system is designed to detect the presence of a fire and extinguish it at an early stage or to keep the flames under control until it can be extinguished by other means. The classic sprinkler system includes a water supply, a firefighting pump set, control valves and a network of piping equipped with sprinklers.

The main pump keeps running until it is manually stopped by pressing the STOP button on the electrical control panel.

For hydrant networks, reference should be made to UNI 10779 - July 07. UNI 10779, in addition to requiring supply pumps according to UNI EN 12845, allows, in the case of activities that are not constantly manned, the automatic stopping of pumps 20 minutes after hydrant closure. DAB sets are suitable for both manual shut-off sprinkler networks and automatic shut-off hydrant networks.

OPERATION OF FIREFIGHTING SET IN ACCORDANCE WITH UNI EN 12845

Under normal conditions (zero water demand) the system is under static pressure. At the first demand for water, the jockey pump starts, which restores the system pressure. If the water demand is high (firefighting sprinklers open), the system pressure drops until the two pressure switches connected in series activate the main pump.

The two start-up pressure switches must be calibrated to start the pumps at the pressure values indicated in the table below.

Operating range 4 to 29 m³/h

Pumped liquid clean, free of solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral close to the characteristics of water.

Liquid temperature range

0 to 40°C

Maximum ambient temperature +40°C.

Maximum working pressure

16 bar (1600 kPa) PN16.



UNI EN 12845

ACCESSORIES
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ONE-PUMP SETS	P = 0.8 X MAX PUMP PRESSURE	
TWO-PUMP SETS	PUMP 1: P1 = 0.8 X MAX PRESSURE	PUMP 2: P2 = 0.6 X MAX PRESSURE

Ex: Max. pressure 10 bar - pump 1 starts at 8 bar and pump 2 starts at 6 bar.

1, 2 NKV EN 12845

FIREFIGHTING SETS TO UNI EN 12845 STANDARDS WITH VERTICAL ELECTRIC PUMPS



1, 2 NKV EN 12845 PUMPS

MODEL	CODE	PRICE €
1NKV 10/3 T 400/50 EN 12845	60118437	10.176
1NKV 10/4 T 400/50 EN 12845	60118438	10.487
1NKV 10/5 T 400/50 EN 12845	60118439	10.856
1NKV 10/6 T 400/50 EN 12845	60118440	10.960
1NKV 10/7 T 400/50 EN 12845	60118441	11.143
1NKV 10/8 T 400/50 EN 12845	60118442	11.300
1NKV 10/9 T 400/50 EN 12845	60118443	11.409
1NKV 10/10 T 400/50 EN 12845	60118444	11.898
1NKV 10/12 T 400/50 EN 12845	60118445	12.162
1NKV 10/15 T 400/50 EN 12845	60118446	12.855
1NKV 15/3 T 400/50 EN 12845	60207802	10.954
1NKV 15/4 T 400/50 EN 12845	60207823	11.364
1NKV 15/5 T 400/50 EN 12845	60118451	11.734
1NKV 15/6 T 400/50 EN 12845	60118452	12.292
1NKV 15/7 T 400/50 EN 12845	60118456	12.542
1NKV 15/8 T EN 12845	60169070	13.589
1NKV 15/9 T EN 12845	60169071	13.874
1NKV 15/10 T EN 12845	60169072	14.881
1NKV 20/3 T 400/50 EN 12845	60118464	11.871
1NKV 20/4 T 400/50 EN 12845	60118465	12.476
1NKV 20/5 T 400/50 EN 12845	60118466	12.824
1NKV 20/6 T EN 12845	60169073	14.140
1NKV 20/7 T EN 12845	60169074	14.349
1NKV 20/8 T EN 12845	60169075	15.554
1NKV 20/9 T EN 12845	60169076	15.929
1NKV 20/10 T EN 12845	60169077	16.312

MODEL	CODE	PRICE €
2NKV 10/3 T 400/50 EN 12845	60118498	19.161
2NKV 10/4 T 400/50 EN 12845	60118499	19.786
2NKV 10/5 T 400/50 EN 12845	60118500	20.535
2NKV 10/6 T 400/50 EN 12845	60118501	20.743
2NKV 10/7 T 400/50 EN 12845	60118502	21.110
2NKV 10/8 T 400/50 EN 12845	60118503	21.428
2NKV 10/9 T 400/50 EN 12845	60118504	21.651
2NKV 10/10 T 400/50 EN 12845	60118505	22.635
2NKV 10/12 T 400/50 EN 12845	60118506	23.172
2NKV 10/15 T 400/50 EN 12845	60118507	24.581
2NKV 15/3 T 400/50 EN 12845	60207842	20.544
2NKV 15/4 T 400/50 EN 12845	60207845	21.379
2NKV 15/5 T 400/50 EN 12845	60118535	22.123
2NKV 15/6 T 400/50 EN 12845	60118536	23.250
2NKV 15/7 T 400/50 EN 12845	60118537	23.759
2NKV 15/8 T EN 12845	60169091	25.587
2NKV 15/9 T EN 12845	60169092	26.156
2NKV 15/10 T EN 12845	60169093	28.172
2NKV 20/3 T 400/50 EN 12845	60118541	22.397
2NKV 20/4 T 400/50 EN 12845	60118542	23.623
2NKV 20/5 T 400/50 EN 12845	60118543	24.326
2NKV 20/6 T EN 12845	60169094	26.692
2NKV 20/7 T EN 12845	60169098	27.118
2NKV 20/8 T EN 12845	60169108	29.517
2NKV 20/9 T EN 12845	60169127	30.263
2NKV 20/10 T EN 12845	60169128	31.034

1, 2 NKV EN 12845 PUMPS + PILOT PUMP

MODEL	CODE	PRICE €
1NKV 10/3 T 400/50 EN 12845 - JET	60118472	12.705
1NKV 10/4 T 400/50 EN 12845 - JET	60118473	13.013
1NKV 10/5 T 400/50 EN 12845 - JET	60118474	13.383
1NKV 10/6 T 400/50 EN 12845 - JET	60118475	13.488
1NKV 10/8 T 400/50 EN 12845 - KV 3/12	60118477	15.007
1NKV 10/9 T 400/50 EN 12845 - KV 3/12	60118478	15.115
1NKV 10/10 T 400/50 EN 12845 - KV 3/18	60118479	16.205
1NKV 10/12 T 400/50 EN 12845 - KV 3/18	60118480	16.473
1NKV 10/15 T 400/50 EN 12845 - KV 3/18	60118481	17.170
1NKV 15/3 T 400/50 EN 12845 - JET	60207806	13.483
1NKV 15/4 T 400/50 EN 12845 - JET	60207826	13.893
1NKV 15/5 T 400/50 EN 12845 - JET	60118484	14.262
1NKV 15/6 T 400/50 EN 12845 - KV 3/12	60118485	15.993
1NKV 15/7 T 400/50 EN 12845 - KV 3/12	60118486	16.247
1NKV 15/8 T 400/50 EN 12845 - KV 3/18	60169078	17.983
1NKV 15/9 T 400/50 EN 12845 - KV 3/18	60169079	18.268
1NKV 15/10 T 400/50 EN 12845 - KV 3/18	60169080	19.276
1NKV 20/3 T 400/50 EN 12845 - JET	60118490	14.397
1NKV 20/4 T 400/50 EN 12845 - JET	60118491	15.006
1NKV 20/5 T 400/50 EN 12845 - JET	60118492	15.353
1NKV 20/6 T 400/50 EN 12845 - KV 3/12	60169081	17.920
1NKV 20/7 T 400/50 EN 12845 - KV 3/18	60169082	18.751
1NKV 20/8 T 400/50 EN 12845 - KV 3/18	60169083	19.951
1NKV 20/9 T 400/50 EN 12845 - KV 3/18	60169084	20.324
1NKV 20/10 T 400/50 EN 12845 - KV 3/18	60169085	20.708

MODEL	CODE	PRICE €
2NKV 10/3 T 400/50 EN 12845 - JET	60118549	21.712
2NKV 10/4 T 400/50 EN 12845 - JET	60118550	22.338
2NKV 10/5 T 400/50 EN 12845 - JET	60118551	23.086
2NKV 10/6 T 400/50 EN 12845 - JET	60118552	23.297
2NKV 10/7 T 400/50 EN 12845 - KV 3/10	60118553	24.641
2NKV 10/8 T 400/50 EN 12845 - KV 3/12	60118554	25.174
2NKV 10/9 T 400/50 EN 12845 - KV 3/12	60118555	25.393
2NKV 10/10 T 400/50 EN 12845 - KV 3/18	60118556	26.989
2NKV 10/12 T 400/50 EN 12845 - KV 3/18	60118557	27.525
2NKV 10/15 T 400/50 EN 12845 - KV 3/18	60118558	28.932
2NKV 15/3 T 400/50 EN 12845 - JET	60207854	23.094
2NKV 15/4 T 400/50 EN 12845 - JET	60207828	23.932
2NKV 15/5 T 400/50 EN 12845 - JET	60118561	24.677
2NKV 15/6 T 400/50 EN 12845 - KV 3/12	60118562	26.991
2NKV 15/7 T 400/50 EN 12845 - KV 3/12	60118563	27.499
2NKV 15/8 T 400/50 EN 12845 - KV 3/18	60169129	29.983
2NKV 15/9 T 400/50 EN 12845 - KV 3/18	60169131	30.553
2NKV 15/10 T 400/50 EN 12845 - KV 3/18	60169132	32.567
2NKV 20/3 T 400/50 EN 12845 - JET	60118567	24.953
2NKV 20/4 T 400/50 EN 12845 - JET	60118568	26.176
2NKV 20/5 T 400/50 EN 12845 - JET	60118569	26.878
2NKV 20/6 T 400/50 EN 12845 - KV 3/12	60169133	30.469
2NKV 20/7 T 400/50 EN 12845 - KV 3/18	60169134	31.510
2NKV 20/8 T 400/50 EN 12845 - KV 3/18	60169135	33.911
2NKV 20/9 T 400/50 EN 12845 - KV 3/18	60169136	34.657
2NKV 20/10 T 400/50 EN 12845 - KV 3/18	60169137	35.430

ACCESSORIES FIRE-FIGHTING

ACCESSORIES

PRESSURE UNITS

ANTI-VIBRATING JOINT	MODEL	CODE	PRICE €
 FF 2 1/2" PN16 ANTI-VIBRATION THREADED UNION	DN80 PN16 ANTI-VIBRATION THREADED UNION	002139209	244
	DN100 PN16 ANTI-VIBRATION THREADED UNION	002139210	269
	DN125 PN16 ANTI-VIBRATION THREADED UNION	002139211	347
	DN150 PN16 ANTI-VIBRATION THREADED UNION	002139212	489
	DN200 PN16 ANTI-VIBRATION THREADED UNION	002139263	707
	DN250 PN16 ANTI-VIBRATION THREADED UNION	002139264	1.053
	DN300 PN16 ANTI-VIBRATION THREADED UNION	002139215	1.619

FOOT VALVE WITH FILTER	MODEL	CODE	PRICE €
 DN 80 FOOT VALVE WITH FILTER	DN 80 FOOT VALVE WITH FILTER	60111919	712
	DN 100 FOOT VALVE WITH FILTER	60111920	924
	DN 125 FOOT VALVE WITH FILTER	60111921	1.194
	DN 150 FOOT VALVE WITH FILTER	60111922	1.629
	DN 200 FOOT VALVE WITH FILTER	60111923	2.652
	DN 250 FOOT VALVE WITH FILTER	60111925	5.477
	DN 300 FOOT VALVE WITH FILTER	60111926	9.130
	DN 350 FOOT VALVE WITH FILTER	60211440	13.495

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETS

END SUCTION AND
VERTICAL MULTISTAGE PUMPS

DRAINAGE
AND SEWAGE

GROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

ACCESSORIES

FIRE FIGHTING UNITS UNI STANDARDS EN 12845

SUCTION KIT		DESCRIPTION	KDN	1/2 NKV	S4-SS 6/7/8	KVT	CODE	PRICE €
 PRESSURE GAUGE INCLUDED	The kit is composed of an eccentric cone with screws, nuts and seals. It maintains the water speed in suction below 1.5 m/s and prevents the formation of air pockets. The following is required: - 1 KIT for 1NKV units - 2 KITS for units 2NKV	SUCTION KIT FOR NKV 10 EN 12845 (DN 65)		•			60124052	584
		SUCTION KIT KDN 32 EN (DN 80)	•	•			60124053	609
		SUCTION KIT KDN 40 EN (DN 100)	•				60124054	677
		SUCTION KIT KDN 50 EN (DN 150)	•				60217296	857
		SUCTION KIT KDN 65 EN (DN 150)	•				60124056	897
		SUCTION KIT KDN 80 EN (DN 200)	•				60124057	1.234
		SUCTION KIT KDN 80-250/80-315 EN (DN 250)	•				60161992	1.234
		SUCTION KIT KDN 100 EN (DN 250)	•				60124058	1.625
		SUCTION KIT KDN 125 (DN 300)	•				60178890	1.749
		SUCTION KIT KDN 150 EN (DN 350)	•				60192381	2.390

JOINT MANIFOLD KIT		DESCRIPTION	KDN	1/2 NKV	S4-SS 6/7/8	KVT	CODE	PRICE €
	Only in the case of units comprising two modules (electric pump and/or Diesel pump) 1 coupling KIT is required.	COUPLING KIT KDN 32 EN L=880	•				60199937	439
		COUPLING KIT KDN 32 EN L=985	•				60199995	451
		COUPLING KIT KDN 40 EN L=1000	•				60200011	460
		COUPLING KIT KDN 50 EN - KVT (DN 80) L=1017	•			•	60200215	481
		COUPLING KIT 2KDN 65 EN 12845 L=1054	•			•	60200986	504
		COUPLING KIT KDN 80 EN - KVT (DN 125) L=1054	•			•	60200801	545
		COUPLING KIT 2KDN 100 EN 12845 L=860	•				60212622	967
		COUPLING KIT 2KDN 125 EN 12845 L=740	•				60201608	998

FLOW METER KIT		DESCRIPTION	KDN	1/2 NKV	S4-SS 6/7/8	KVT	CODE	PRICE €
	The measuring kit with flow meter must be installed on a branch on the delivery manifold of the set. • 1 MEASURING KIT is sufficient for both 1 and 2 1KDN and 1KVT sets (electric or diesel) • 1 flow meter KIT is sufficient for both 1NKV and 2NKV sets.	1 S4 - EN 12845 - FLOW METER KIT			•		60140932	1.636
		1 SS6 - EN 12845 - FLOW METER KIT			•		60140933	1.874
		1 SS7 - 1 SS8 - EN 12845 - FLOW METER KIT			•		60118872	2.526
		FLOW METER KIT - NKV 10 EN 12845		•		•	60118575	1.165
		FLOWMETER KIT KDN 32 EN L=880	•				60199940	1.678
		FLOWMETER KIT KDN 32-250 EN L=985	•			•	60199998	1.697
		FLOWMETER KIT KDN 40 EN	•				60200016	1.846
		FLOWMETER KIT KDN 50 EN - KVT (DN 80) L=1017	•			•	60200218	2.046
		FLOWMETER KIT KDN 65 EN 12845 L=1054	•				60200978	2.371
		FLOWMETER KIT KDN 80 EN - KVT (DN 125) L=1054	•			•	60200788	3.263
		FLOWMETER KIT KDN 100 EN 12845 L=785	•				60202271	4.080
		FLOW METER KDN 32 EN 12845	•				60174549	1.632
		FLOW METER KDN 40 EN 12845	•			•	60174550	1.794
		FLOW METER KDN 50 - KVT (DN 80) EN 12845	•			•	60178477	1.984
		FLOW METER KDN 65 - KVT (DN 100) EN 12845	•			•	60178478	2.301
		FLOW METER KDN 80 - KVT (DN 125) EN 12845	•			•	60178479	3.169
		FLOW METER KDN 100 - KVT (DN 150) EN 12845	•			•	60178480	3.964
		FLOW METER KDN 125-150 (DN 200) EN 12845	•			•	60180575	4.225
		FLOWMETER KIT NKV 15-20 EN 12845		•			60118576	1.250

ACCESSORIES

FIRE FIGHTING UNITS UNI STANDARDS EN 12845

REMOTE ALARM SIGNAL PANEL		DESCRIPTION	KDN	1/2 NKV	S4-SS 6/7/8	KVT	CODE	PRICE €
	Suitable for sets with 1 to 3 pumps	REMOTE ALARM SIGNAL PANEL E.FIRE MONITOR (EN 12845)	•	•	•	•	60180517	1.198

REMOTE ALARM SIGNAL PANEL		DESCRIPTION	KDN	1/2 NKV	S4-SS 6/7/8	KVT	CODE	PRICE €
	Suitable for sets with 1 or 2 pumps	REMOTE ALARM SIGNAL PANEL CSR 1	•	•	•	•	60118970	1.331

BUTTERFLY VALVE		DESCRIPTION	KDN	1/2 NKV	S4-SS 6/7/8	KVT	CODE	PRICE €
	Required for pump maintenance, in case of flooded suction installations. The following is required: • N. 1 BUTTERFLY VALVE for units 1KDN (electric or diesel). • N.1 VALVE for units 1NKV and 2 VALVES for units 2NKV	BUTTERFLY VALVE DN 80 - KDN 32 - NKV 15-20	•	•			002132609	201
		BUTTERFLY VALVE DN 100 - KDN 40	•				002132610	262
		BUTTERFLY VALVE DN 125 - KDN 50	•				002132661	426
		BUTTERFLY VALVE DN 150 - KDN 65	•				002132662	464
		BUTTERFLY VALVE DN 200 - KDN 80	•				002132663	688
		BUTTERFLY VALVE DN 250 - KDN 100	•				002132664	1.395
		BUTTERFLY VALVE DN 300 - KDN 125	•				002132665	1.407

ACCESSORIES

FIRE FIGHTING UNITS UNI STANDARDS EN 12845

FOOT VALVE WITH FILTER		DESCRIPTION	KDN	1/2 NKV	S4-SS 6/7/8	KVT	CODE	PRICE €
 These are required to maintain priming of the pump suction, in overhead installations. The following is required: • 1 FOOT VALVE for each 1KDN set (electric or Diesel). • 1 VALVE for units 1NKV and 2 VALVES for units 2NKV	FOOT VALVE WITH FILTER DN 65		•				60117394	684
	FOOT VALVE WITH FILTER DN 80		•	•			60111919	712
	FOOT VALVE WITH FILTER DN 100		•				60111920	924
	FOOT VALVE WITH FILTER DN 125		•				60111921	1.194
	FOOT VALVE WITH FILTER DN 150		•				60111922	1.629
	FOOT VALVE WITH FILTER DN 200		•				60111923	2.652
	FOOT VALVE WITH FILTER DN 250 (1KDN 100 - 1KDN 80-250/80-315)		•				60111925	5.477
	FOOT VALVE WITH FILTER DN 300 (KDN 125)		•				60111926	9.130

ANTI-VIBRATION COUPLING FOR SUCTION LINES		DESCRIPTION	KDN	1/2 NKV	S4-SS 6/7/8	KVT	CODE	PRICE €
 The antivibration coupling is utilised to reduce the amount of vibration transmitted to the system, this being especially important when the prime mover is a Diesel engine. • 1 COUPLING is sufficient for 1 KDN sets (electric or Diesel) (Not compulsory according to UNI EN 12845) • 1 COUPLING is necessary for 1NKV units and 2 COUPLINGS for 2NKV unit	ANTI-VIBRATION JOINT DN 65 PN16		•				002139208	243
	ANTI-VIBRATION JOINT DN 80 PN16		•	•			002139209	244
	ANTI-VIBRATION JOINT DN 100 PN16		•				002139210	269
	ANTI-VIBRATION JOINT DN 125 PN16		•				002139211	347
	ANTI-VIBRATION JOINT DN 150 PN16		•				002139212	489
	ANTI-VIBRATION JOINT DN 200 PN16		•				002139263	707
	ANTI-VIBRATION JOINT DN 250 PN16		•				002139264	1.053
	ANTI-VIBRATION JOINT DN 300 PN16 - KDN 125		•				002139215	1.619

ANTIVIBRATION COUPLINGS FOR DISCHARGE MANIFOLDS		DESCRIPTION	KDN	1/2 NKV	S4-SS 6/7/8	KVT	CODE	PRICE €
 The antivibration coupling is utilised to reduce the amount of vibration transmitted to the system, this being especially important when the prime mover is a Diesel engine. - 1 COUPLING is sufficient for 1 or 2 KDN sets (electric or Diesel) (Not compulsory according to UNI EN 12845) - 1 COUPLING is sufficient for 1 or 2 NKV sets (electric or Diesel) (Not compulsory according to UNI EN 12845)	ANTI-VIBRATING JOINT 2" - KDN 32		•	•			002139107	145
	ANTI-VIBRATING JOINT 2" 1/2 - KDN 40		•	•			002139108	232
	ANTI-VIBRATING JOINT DN 80 - KDN 50		•	•		•	002139209	244
	ANTI-VIBRATING JOINT DN 100 - KDN 65		•				002139210	269
	ANTI-VIBRATING JOINT DN 125 - KDN 80		•			•	002139211	347
	ANTI-VIBRATING JOINT DN 150 - KDN 100		•			•	002139212	489
	ANTI-VIBRATING JOINT DN 200 - KDN 125		•				002139263	707

PRIMING TANK		DESCRIPTION	KDN	1/2 NKV	S4-SS 6/7/8	KVT	CODE	PRICE €
 N. 1 per pump	PRIMING TANK (500 LT.) EN 12845		•	•			60110538	1.583

ACCESSORIES

FIRE FIGHTING UNITS UNI STANDARDS EN 12845

KIT PUMP SYSTEM		DESCRIPTION	KDN	1/2 NKV	S4-SS 6/7/8	KVT	CODE	PRICE €
	Including 18 l expansion vessel, electric control panel, valves for the connection of the jockey pump to the main KDN pump.	PUMP SYSTEM JET 251 T EN 12845	•	•			60111352	3.525

FOOT VALVE WITH STRAINER		DESCRIPTION	KDN	1/2 NKV	S4-SS 6/7/8	KVT	CODE	PRICE €
	No. 1 for each pump.	FOOT VALVE WITH STRAINER VR3				•	60179846	553
		FOOT VALVE WITH STRAINER VA6				•	60179847	1.523

ANTI-VORTEX DISPOSITIVE		DESCRIPTION	KDN	1/2 NKV	S4-SS 6/7/8	KVT	CODE	PRICE €
	Vortex prevention plate, to be installed between the cork plug and the pump body, to maximise the actual capacity of the water reserves. No. 1 for each pump.	ANTI-VORTEX DISPOSITIVE FOR SU3 AND VR3				•	60180496	608
		ANTI-VORTEX DISPOSITIVE FOR SU6 AND VA6				•	60180498	1.111

GASOLINE HARVESTER TANK		DESCRIPTION	KDN	1/2 NKV	S4-SS 6/7/8	KVT	CODE	PRICE €
	For 1KDN sets with 19 kW LD diesel engines	GASOLINE HARVESTER FOR 50 L TANK (19 kW LD)	•				60176953	633
	For 1KDN and 1KVT sets with diesel engines between 37 and 110 kW.	GASOLINE HARVESTER FOR 125 L TANK (ENG. 37-103 KW)	•			•	60178461	2.290
	For 1KDN and 1KVT sets with diesel engines between 145 and 164 kW.	GASOLINE HARVESTER 250LT TANK (ENG.145 - 164 KW)	•			•	60168294	2.930

ACCESSORIES

FIRE FIGHTING UNITS UNI STANDARDS EN 12845

SPARE PART KIT FOR DIESEL ENGINE		DESCRIPTION	KDN	1/2 NKV	S4-SS 6/7/8	KVT	CODE	PRICE €
 Each kit is composed of: a) 2 sets of filter elements and relative seals for fuel; b) 2 sets of filter elements and relative seals for lubricant; c) 2 sets of belts d) 1 complete set of couplings, seals and hoses for the motor; e) 2 injector nozzles.		SPARE PART KIT FOR DIESEL ENGINE 6.5KW	•			•	60211151	837
		SPARE PART KIT FOR DIESEL ENGINE 11-KW (25LD)	•			•	60115038	946
		SPARE PART KIT FOR DIESEL ENGINE 19-KW (9LD)	•			•	60115037	1.158
		SPARE PART KIT FOR DIESEL ENGINE Y 22.3-23KW (3TNV82A)	•			•	60193996	1.456
		SPARE PART KIT FOR DIESEL ENGINE Y 26.8-28KW (3TNV88)	•			•	60193997	1.656
		SPARE PART KIT FOR DIESEL ENGINE Y 35-36.4KW (4TNV88)	•			•	60193998	1.988
		SPARE PART KIT FOR DIESEL ENGINE 37-53-KW (D703)	•			•	60115161	1.004
		SPARE PART KIT FOR DIESEL ENGINE 73-KW (D754)	•			•	60115162	1.038
		SPARE PART KIT FOR DIESEL ENGINE 110-KW (D756)	•				60115163	1.086
		SPARE PART KIT FOR DIESEL ENGINE 164KW (N45 MN TF 40.10)	•				60143967	3.039
		DIESEL MOTOR KIT 197KW (N67 MNT F42)	•				60204520	4.144

KIT FLOW SWITCH		DESCRIPTION	KDN	1/2 NKV	S4-SS 6/7/8	KVT	CODE	PRICE €
	Suitable for sets with 1 or 2 pumps	KIT FLOW SWITCH 1" EN 12845	•	•	•	•	60114410	653

RECYCLE FLOW INDICATOR		DESCRIPTION	KDN	1/2 NKV	S4-SS 6/7/8	KVT	CODE	PRICE €
		RECYCLE FLOW INDICATOR 3/4"	•			•	60120142	41

COOLING SLEEVE KIT		DESCRIPTION	KDN	1/2 NKV	S4-SS 6/7/8	KVT	CODE	PRICE €
		KIT COOLING PIPE 4" L. 400			•		60125178	304
		KIT COOLING PIPE 4" L. 525			•		60125179	352
		KIT COOLING PIPE 4" L. 885			•		60125180	411
		COOLING SLEEVE KIT L. 725			•		60144213	665
		COOLING SLEEVE KIT L. 960			•		60144217	809
		COOLING SLEEVE KIT L. 1.220			•		60144218	952
		COOLING SLEEVE KIT L. 1.490			•		60146397	1.092

ACCESSORIES

FIRE FIGHTING UNITS UNI STANDARDS EN 12845

HORIZONTAL POSITIONING KIT		DESCRIPTION	KDN	1/2 NKV	S4 -SS 6/7/8	KVT	CODE	PRICE €
		HORIZONTAL POSITIONING KIT 4"			•		60125181	210
		HORIZONTAL POSITIONING KIT 6"			•		60146398	355

FILTER KIT		DESCRIPTION	KDN	1/2 NKV	S4 -SS 6/7/8	KVT	CODE	PRICE €
		FILTER KIT 4"			•		60125182	235
		FILTER KIT 6"			•		60146399	261

PRESSURE SWITCH		MODEL				CODE	PRICE €
	Spare part of pressure switch used for fire-fighting units	PRESSURE SWITCH KPI36 2-12 BAR EN 12845				60127439	148

DAB SERVICES

HEATING AND
AIR CONDITIONING

ESYBOX LINE

CONTROL UNIT

WATER PRESSURIZATION

BOOSTER
SETS

END SUCTION AND
VERTICAL MULTISTAGE PUMPS

DRAINAGE
AND SEWAGE

GROUNDWATER
AND IRRIGATION

SWIMMING POOL PUMPS

FIRE FIGHTING

DAB'S GENERAL TERMS AND CONDITIONS OF SALE AND DELIVERY OF PRODUCTS AND SERVICES

1. APPLICATION

- 1.1 These General Terms and Conditions of Sale and Delivery ("General Terms and Conditions of Sale") apply to the delivery by DAB PUMPS SPA (hereinafter "DAB") of products, services, and products in connection with services to its Clients (hereinafter individually referred to as the "Client").
- 1.2 These General Terms and Conditions of Sale apply exclusively. Any waiver or supplementation at the Client's request is excluded unless expressly confirmed in writing by DAB.
- 1.3 Client's receipt of products or services constitutes de facto acceptance of these General Terms and Conditions of Sale. The offer, acceptance, the General Terms and Conditions of Sale (whether or not referenced) any attachments and any other documents explicitly accepted by DAB, constitute the Contract for Client's purchase of products or services (the "Contract").

2. ACCEPTANCE OF ORDERS

- 2.1 All orders must be submitted fully completed to DAB in writing by e-mail or other electronic system agreed upon by the parties (e.g., EDI and/or D2B).
- 2.2 Orders placed verbally or by telephone must be confirmed by the Client in writing via e-mail.
- 2.3 DAB shall not be liable for errors in order processing due to the Client's failure to provide written confirmation or incomplete completion of the submitted order.
- 2.4 Client must ensure that DAB's acceptance corresponds with Client's offer. If Client fails to notify DAB of any non-correspondence without undue delay, DAB's acceptance will be binding upon Client.

3. CANCELLATION OR MODIFICATION OF ORDERS

- 3.1 Client shall be liable for damages caused by withdrawal or modification of orders, which in any case shall not be considered valid and effective without written acceptance by DAB.
- 3.2 In case of accepted request for order modification and/or cancellation, DAB may ask the Client to pay a handling fee of 20% of the net value from price list in the case of standard and/or "high rotation" products (excluding customized products). In case of a request for modification and/or cancellation of the order related to fire-fighting assemblies, the practice management fee will be 35% of the net value from price list.

4. DELIVERY OF PRODUCTS

- 4.1 Unless otherwise agreed in writing between the parties, delivery of the Products is agreed DAP (Incoterms 2020).
- 4.2 The term for delivery shall commence on the date of the notice that the Products have been made available.
- 4.3 DAB will make every reasonable effort to execute the contract and/or deliver the Products within the agreed terms, although such terms shall as of now be deemed indicative and never binding. Therefore, under no circumstances shall DAB be liable for damages directly or indirectly caused by the delayed performance of a contract or the delayed delivery of Products.
- 4.4 In any event, DAB shall not be held liable for any delays in delivery due to unforeseeable circumstances, force majeure, or otherwise causes beyond its control. In such cases, DAB will process the order as soon as the impeding causes have ceased.
- 4.5 If the Client refuses to take delivery of the Products, in whole or in part, on the delivery date agreed upon between the Parties, the Client shall be obliged to pay the full price of the Products as if they had been delivered, without prejudice to DAB's right to charge the Client for the costs of transport and storage of the goods, as well as compensation for any additional damage.

5. DELIVERY OF SERVICES

- 5.1 DAB shall perform the services professionally and skillfully.
- 5.2 DAB shall perform the services at the agreed place and time, provided that all technical details and formalities concerning the execution of the Contract are available to DAB.
- 5.3 DAB shall perform the services during normal working hours (weekends and national holidays are outside normal working hours). The parties may agree that DAB shall perform work outside normal working hours; DAB will invoice for such hours at DAB's applicable rates.
- 5.4 Clause 4.5 shall apply if Client does not take delivery of the services or part thereof as agreed.
- 5.5 DAB shall use reasonable endeavours to observe all Client's health and safety rules and regulations, and any other reasonable security requirements that apply at Client's premises, which Client has communicated to DAB. DAB shall not be liable for any breach of its obligations under the Contract, to the extent that such breach is due to DAB's observation of Client's health and safety regulations, unless DAB had received a written copy of such regulations before entering into the Contract.
- 5.6 Unless otherwise agreed, DAB will arrange for services to be performed by one person. In due time before DAB's performance of the services, Client shall inform DAB, if the performance of services will require more than one person. If Client fails to do so, DAB may invoice and Client shall pay applicable accrued costs, notwithstanding whether or not services have been completed.
- 5.7 DAB shall be entitled to sub-contract any of its obligations without the consent of Client. DAB is liable for any acts or omissions of its sub-suppliers.

6. RISK AND TITLE

- 6.1 Unless the Parties agree otherwise, the products shall remain the property of DAB until DAB has received the full amount of the agreed payment, and only upon receipt of payment shall ownership pass to the Client. If the Client does not make said payment in full, DAB shall have the right to take back the products at the Client's expense. Such retention of title shall not affect the passing of risk.
- 6.2 For products delivered in connection with service, the risk of loss of or damage to the products will pass to Client on completion of the services. However, if the products are delivered together with the services, but so that the products are temporarily placed at Client's/end-user's site until installation (without DAB being present at the site), the risk of the products passes to Client when DAB delivers the products to the site.

7. CLIENT'S OBLIGATIONS

- 7.1 The Client, at its own expense, must:
 - Cooperate with DAB for service delivery and provide necessary access to premises and facilities.
 - Ensure suitable site conditions (lighting, power, etc.) and provide accurate, functional documents, tools, and materials ("In-Put Materials").
 - Prepare and maintain premises, including handling hazardous materials as required by law.
 - Inform DAB of any product issues, all relevant health and safety rules, and obtain necessary permits and approvals.
 - Confirm ownership of equipment to be serviced and avoid granting third-party access that could interfere with DAB's services.

8. PRICES AND TERMS OF PAYMENT

- 8.1 Prices shown in DAB's price list are exclusive of any tax or duty and ex DAB factory. Prices, therefore, do not include charges for transportation, insurance, or other similar charges.
- 8.2 DAB reserves the right to change the list prices of products and services at any time without prior notice. If a price is changed after receipt of the Client's order, DAB reserves the right, at its discretion, to apply the price change to the Client. If the Client does not accept the price change applied, it shall be DAB's right to cancel the Client's order with the sole obligation to return any advance payments and with the express exclusion of any further demands and claims by the Client for any reason whatsoever.
- 8.3 DAB shall invoice the Client upon delivery. Payment must be made exclusively to DAB, in accordance with the terms stated in the order confirmation or, in the absence thereof, within 30 days from the invoice date and, in any case, by the due date indicated on the invoice.
- 8.4 If Client does not pay on the due date, DAB may, with no effect on any other right or remedy that DAB may have under applicable law, claim payment for reminders, collection charges and interest. Interest is fixed at 2 % per month (or the highest interest rate under applicable law). Interest will accrue daily from the due date until actual payment of the overdue amount. DAB may also (i) make further supply subject to guaranteed payment and suspend other deliveries until Client has provided the guarantee required by DAB; or (ii) suspend the provision of further deliveries until Client has paid the overdue amounts in full.
- 8.5 If Client does not pay overdue invoices (despite one reminder) or in the event of termination of the Contract, then all payments payable to DAB, become due for immediate payment.

9. INTELLECTUAL PROPERTY RIGHTS

- 9.1 The Client shall use the Products in a manner that does not infringe the rights of any third party.
- 9.2 Nothing in the Contract or otherwise transfers or assigns any intellectual property rights, in or arising out of or in connection with the products or services and in any drawings, descriptions, manuals or other documentation given by DAB to Client.
- 9.3 The Client may be authorized by DAB to use the trademarks, logos, or other distinctive marks of the DAB Group solely for the purpose of identifying and advertising the Products, subject to DAB's directions and requests. The Client undertakes to use DAB's trademarks, logos, and other distinctive marks strictly in accordance with DAB's Brand Book, which is available on DAB's official website, and any related guidelines provided by DAB. Any use not compliant with the Brand Book or DAB's instructions shall be considered a material breach of contract.

DAB'S GENERAL TERMS AND CONDITIONS OF SALE AND DELIVERY OF PRODUCTS AND SERVICES

10. LIMITATION OF LIABILITY

- 10.1 DAB assumes liability for personal injury (including death or injury) and damage to real and personal property caused by defective products, to the extent required by applicable mandatory product liability law. For damage to real and personal property (excluding consumer property), DAB's total liability shall not exceed the higher of the maximum amount covered by its insurance policy and the amount set out in Clause 10.3. The Client assumes all product liability not expressly allocated to DAB under this clause. If either party is held liable for damages that, under this clause, should be allocated to the other party, the latter shall indemnify the former for any amount paid in excess of its allocated responsibility under Clause 10.1.
- 10.2 To the extent permitted by applicable law, DAB is not liable (in contract, tort (including negligence), breach of statutory duty or otherwise) for loss of production, loss of turnover, loss of profit, loss of business opportunity, loss of data, loss of savings, loss of goodwill, loss relating to unauthorised access to data or systems, loss as a result of business interruption, or any other indirect or consequential losses of any kind whatsoever arising under, relating to or in connection with the Contract or a breach hereof.
- 10.3 To the extent permitted by applicable law, DAB's total liability (including in regard to payment of liquidated damages (if any) and third-party claims) towards Client for damages and losses incurred due to breach of obligations arising out of or in connection with the Contract, from tort (including cases of gross negligence), breach of statutory obligations or otherwise, shall never exceed 30% of the total amount paid or payable by the Client under the Contract (excluding VAT and taxes) on which the claim is based.
- 10.4 The limitation of liability set forth in Sections 10.2 and 10.3 above shall not apply if the act or omission of one party causes personal injury to the other, or if the party causes damage to the other intentionally or by acting with gross negligence.
- 10.5 The Client and DAB agree that the price of products and services reflects the balance of mutual rights and obligations under the contract, including expressly the limitations set forth in this Clause 10.
- 10.6 With respect to any Proceeding (meaning any judicial, administrative, or arbitration action, suit, claim, investigation, or other proceeding) brought by a third party (other than the Client) against DAB, arising out of or in connection with the Contract, the Client's purchase or use of the products, and/or purchase of services, the Client shall indemnify and hold DAB harmless from all Losses (meaning litigation expenses and any loss) resulting from such Proceeding, except to the extent that DAB negligently or intentionally caused those Losses.

11. CODE OF CONDUCT

- 11.1 The Client declares that they have read and understood the DAB Code of Conduct, available at www.dabpumps.com/it, and undertakes not to engage in any conduct that may result in a breach thereof, further committing to extend this obligation to their own employees.
- 11.2 Failure to comply with the provisions of this document shall constitute a material breach of contract. In cases that DAB, at its sole discretion, considers more serious, DAB reserves the right to terminate the Contract with immediate effect, without prejudice to its right to claim damages.

12. EXPORT CONTROLS AND INTERNATIONAL SANCTIONS

- 12.1 Any delivery under the Contract, may be subject to applicable export controls and trade sanctions regulations, including such regulations enforced by the European Union, the United Nations and the United States.
- 12.2 Any delivery of products and services to the Client, is subject to the circumstance that the Client complies with all applicable export controls and trade sanctions laws, and implements in its organization procedures for compliance and control to such regulations.
- 12.3 If due to export control and trade sanction rules, DAB considers that it is or will be prohibited, hindered, restricted or significantly adversely affected in complying with its obligations under the Contract, DAB may cancel or postpone the delivery of the products or services. In such cases, DAB will not be liable for any direct or indirect claim or loss.
- 12.4 In order to enable Authorities or DAB to conduct audits on Client's compliance with export control and international and trade sanctions regulations, or in support of DAB's requests to the relevant authorities in connection with the export and/or sale of the products and/or services under the Contract, Client agrees to promptly and without delay, upon request from DAB or from the relevant authority, provide all information regarding the final recipient, parties involved in the delivery, particular destinations, and the specific intended use of the products and services.
- 12.5 The Client undertakes not to sell or export goods to Russia or Belarus, in compliance with applicable regulation and will make every reasonable effort to ensure that third parties in the commercial chain do not violate this provision.
- 12.6 Any breach of the obligations outlined in this Clause shall be considered a material breach of the contract, for which DAB shall have the right to terminate this contract and seek compensation for damages.

13. TRANSPORT

- 13.1 Delivery will be made in the manner agreed upon between the Parties by the appointed Carrier. Upon receipt of the goods and in the presence of the Carrier's appointee, the Client shall be required to verify and notify the Carrier and DAB immediately of any visible defects or shortages in the products, and ensure that the products received correspond to what is described in the order confirmation and the Delivery Note. If the Client fails to make such verification and/or such notification without delay, thereby accepting without any reservation expressly noted on the waybill or Carrier's PDA, the Client shall forfeit the right to claim any defects in the delivered products, which the Client could have discovered during such examination.
- 13.2 With respect to deliveries by couriers contracted with DAB, with the Client being charged on the invoice, any damage or shortage of goods must be promptly notified to DAB within 8 days of receipt of the goods. Upon receipt, the Client shall have the damage noted on the carrier's waybill or PDA, using the words "SPECIFIC RESERVATION OF CONTROL FOR..." (e.g., Damaged/Missing Goods) ("Reservation of Control"). In the absence of specific Reservation of Control or reporting after the 8 days after receipt of the goods, you lose your rights to compensation or replacement. A Reserve of Control without the reason, i.e., without specifying the type of anomaly, will result in DAB's non-acceptance of the file and the Reserve of Control itself.
- 13.3 With reference to deliveries made by couriers appointed by the Client, in order to manage the courier reservation on behalf of the Client, the Client must indicate the subscription code within the order. In its absence, DAB will not guarantee the booking process. In case of any damage or shortages caused by the delivery by the Client's appointed carrier, DAB will not be liable in any way. It will be the Client's responsibility to forward the claim directly to its carrier.
- 13.4 Once the goods have been accepted with a duly motivated and completed Reserve of Control, the Client must promptly notify DAB in writing with the Delivery Note or shipment number within the mandatory term of 8 days from receipt of the goods. The communication must also specify all useful information that will allow DAB to be able to proceed both to the eventual replacement of the damaged product and to initiate the request for reimbursement of the damage to the carrier in charge of delivery (description of the damage with photo). Affixing the Reserve of Control to dispute the damage is a right provided by law, if the carrier refuses to have the Reserve of Control affixed, the Client must refuse delivery of the goods by reporting the reason and contact DAB promptly.
- 13.5 If there is damage to the product when the package is opened and the Client has not previously affixed the Reserve of Control with justification, DAB will not be able to activate the file for compensation for delivery damage.

14. WARRANTY

- 14.1 DAB warrants that the Products conform to what was agreed upon and are free from original defects and faults related to its design and/or manufacture such as to make them unsuitable for the use for which they are usually intended. In order to receive complete information with regard to the warranty terms, the Client agrees to read the appropriate document containing the general warranty terms and conditions available on DAB's website or in printed form in the price list.

15. RETURNS

- 15.1 No return of new products purchased by DAB with request for credit or replacement will be accepted, except in exceptional cases to be screened and authorized in advance in writing by DAB from time to time.

16. TERMINATION

- 16.1 If the Client fails to fulfill the obligations related to the contract, DAB may send a written notice specifically indicating the contested default and, if the Client has not remedied said default within the next 15 (fifteen) days, DAB shall have the right to terminate the contract without further notice.
In the event that the Client becomes subject to bankruptcy, insolvency proceedings, liquidation, or any other procedure indicating financial distress or inability to meet its obligations, DAB shall have the right to terminate the Contract with immediate effect by written notice, without incurring any liability, penalty, or obligation to compensate the Client for any damages or losses resulting from such termination.
- 16.2 During the period of default, DAB reserves the right to take all appropriate measures to protect its interests.
- 16.3 Termination of the Contract (regardless of the cause) will not affect those provisions of the Contract which, by nature or necessity, provide that they operate after any expiration.
- 16.4 In the event of termination of the Contract, for whatever reason and/or cause intervened, DAB shall be entitled to payment for supplies made, orders in progress up to the date of termination of the Contract.

DAB'S GENERAL TERMS AND CONDITIONS OF SALE AND DELIVERY OF PRODUCTS AND SERVICES

17. MISCELLANEOUS

- 17.1 The Contract may not be assigned or transferred to third parties, in whole or in part, by the Client, without the prior written consent of DAB. DAB reserves the right, without prior notice, to assign the rights and obligations under the Contract, to any company within the DAB Group, whose list can also be found on DAB's website.
- 17.2 A quotation by DAB is valid for a period of 30 days from the date of issuance unless DAB has specified otherwise in the quotation. DAB reserves the right to change the quotations before the expiration of the validity period if the Client has not yet placed a purchase order.
- 17.3 All illustrative and descriptive documentation of the products, such as photographs, drawings, technical specifications, price, size and weight data are intended to be merely indicative and DAB is not responsible for any inaccuracies in the information contained therein. DAB may at any time without being liable correct typographical, clerical or other errors or omissions in sales material, quotations, price lists, order confirmations, invoices or other documents or information issued by DAB.
- 17.4 DAB shall have the right to make any changes to the products and services that are necessary to comply with applicable laws or safety requirements, or that do not materially and adversely affect the nature or quality of the products and services. Such changes may be made at any time without prior notice or the need to obtain the Client's consent.
- 17.5 DAB reserves the right to manufacture the products in any of the Group's plants.

18. CONFIDENTIALITY AND PERSONAL DATA

- 18.1 The Parties agree to keep strictly confidential and not disclose, by any means and in any way the contents of the Contract, all information of a technical and commercial nature, specifications, prices, inventions, processes, initiatives and all other information concerning the disclosing party's business, its products and services that are of a confidential nature (Confidential Information) throughout the contract term. The obligations under this Clause 18.1 apply from the execution of the Contract and, subject to applicable law, for a period of 5 years after the Contract expires or is terminated.
- 18.2 DAB guarantees that the processing of personal data provided in connection with the conclusion of the Contract will be carried out in accordance with the principles of lawfulness, fairness and transparency and always in a manner that complies with the applicable data protection laws. To learn more visit DAB's website where the DAB privacy notice is available.

19. FORCE MAJEURE

- 19.1 Neither party shall be in breach of the Contract nor liable for delay in performing, failure to perform or any of its obligations that is caused by an event or condition beyond the reasonable control of either party, including, but not limited to: acts of God, fire, hurricane, flood, explosions, strike, boycott, labor disputes, epidemics, pandemics, viral emergencies or acts of Government Authority ("Force Majeure"). In the event of a Force Majeure, the parties agree to suspend the affected party's obligations until the Force Majeure situation ceases to exist, and such affected party shall not be liable for any kind of losses or damages whatsoever incurred during the period of Force Majeure.
- 19.2 Either party may terminate the Contract with immediate effect upon notice to the other party if the period of Force Majeure continues for a period of 3 consecutive months. In case of termination due to such circumstances, neither party shall be liable to the other for such termination. However, such termination will not affect any pre-existing liabilities or claims or any other provisions of the Contract.

20. APPLICABLE LAW AND JURISDICTION

- 20.1 The Contract, and any dispute or claim arising out of or in connection with its subject matter or its formation (including non-contractual disputes or claims) is governed by and constructed in accordance with the laws of Italy, without reference to the conflict of laws or principles thereof which may cause the application of the laws of another country. The parties irrevocably agree that the Courts of Padova shall have exclusive jurisdiction over any dispute or claim (including non-contractual disputes or claims) that arises out of, or in connection with, the Contract or its subject matter or formation.
- 20.2 Partially derogating from what is outlined in Clause 20.1 above, DAB, at its discretion, shall have the option to waive the application of Italian law and the jurisdiction of the Court of Padua, to take legal action against the Client, at its domicile and the Court having jurisdiction there

NOTE

CERTIFICATES

IMQ INTERNATIONAL MANAGEMENT QUALITY

ISO 9001 is a trademark of **IQNET**

CERTIFICATO N. 9101.COGE
CERTIFICATE N.

SI CERTIFICA CHE IL SISTEMA DI GESTIONE PER LA QUALITÀ DI
WE HEREBY CERTIFY THAT THE QUALITY MANAGEMENT SYSTEM OPERATED BY

DWT HOLDING SPA

VIA MARCO POLO 14 - 35035 MESTRINO (PD) Italy
UNITÀ OPERATIVE/OPERATIVE UNITS

Vedere gli Allegati per gli altri Siti (n° 6 allegati)
View the Annexes for the other Sites (n° 6 pages)

E' CONFORME ALLA NORMA ISO IN COMPLIANCE WITH THE STANDARD

ISO 9001:2015

PER LE SEGUENTI ATTIVITÀ / FOR THE FOLLOWING ACTIVITIES

Progettazione, produzione, commercializzazione e assistenza di pompe, elettropompe,
gruppi di pompaggio e sistemi elettronici di controllo per acqua fredda, calda ad uso civile,
industriale ed agricolo e relativi componenti ed accessori
Design, production, sale and assistance of pumps, electric pumps, pumping units and electronic
control systems for cold and hot water, for residential, industrial and agriculture use including
components and accessories

Ulteriori informazioni riguardanti l'applicabilità dei requisiti ISO 9001:2015 possono essere ottenute consultando l'organizzazione
Further clarifications regarding the applicability of ISO 9001:2015 requirements may be obtained by consulting the organization

IL PRESENTE CERTIFICATO E' SOGGETTO AL RISPETTO DEL
REGOLAMENTO PER LA CERTIFICAZIONE DEI SISTEMI DI GESTIONE
THE USE AND THE VALIDITY OF THE CERTIFICATE SHALL SATISFY THE
REQUIREMENTS OF THE RULES FOR CERTIFICATION OF MANAGEMENT SYSTEMS

DATE:	PRIMA CERTIFICAZIONE FIRST CERTIFICATION	EMISSIONE CORRENTE CURRENT ISSUE	SCADENZA EXPIRY
	17/07/1995	16/05/2024	27/05/2027

IMQ S.p.A. - VIA QUINTILIANO, 43 - 20138 MILANO ITALY
Management Systems Division - Flavio Orsago

ACCREIDIA MEMBER OF ACCREDITED

MS N° 0005MS

IAF: 18,19,29

CISQ CONFORMITY INTERNATIONAL STANDARDS QUALITY

Member degli Accordi di Milano
Members of the Accords of Milan
Signature of S.A. and L.A.C. Mutual
Recognition Agreement

La validità del certificato è subordinata a sorveglianza annuale e revisione
completa del Sistema di Gestione con periodicità triennale
The validity of the certificate is subordinated to annual audit and a
reassessment of the entire Management System within three years

IMQ INTERNATIONAL MANAGEMENT QUALITY

ISO 9001 is a trademark of **IQNET**

ALLEGATO n. 9101.COGE-4
ANNEX No.

DWT HOLDING SPA

DAB PUMPS SPA
VIA MARCO POLO 14 - 35035 MESTRINO (PD) Italy
DWT HOLDING SPA
VIA MARCO POLO 14 - 35035 MESTRINO (PD) Italy

Attività:
Activities:

Progettazione, produzione, commercializzazione e assistenza di pompe, elettropompe,
gruppi di pompaggio e sistemi elettronici di controllo per acqua fredda, calda ad uso civile,
industriale ed agricolo e relativi componenti ed accessori
Design, production, sale and assistance of pumps, electric pumps, pumping units
and electronic control systems for cold and hot water, for residential, industrial and agriculture use
including components and accessories

IL PRESENTE ALLEGATO HA LO SCOPO DI ESPlicitARE LE ATTIVITÀ SVOLTE PRESSO IL SINGOLO
SITO/UNITÀ OPERATIVA NELL'AMBITO DELLA CERTIFICAZIONE DEL SISTEMA DI GESTIONE RILASCIATA
A: DWT HOLDING SPA

THE AIM OF PRESENT ANNEX IS TO EXPLAIN THE ACTIVITIES PERFORMED IN EACH SITE/OPERATIVE UNIT
OF THE MANAGEMENT SYSTEM CERTIFICATION ISSUED TO: DWT HOLDING SPA

PER LA VALIDITÀ RIFERIRSI AL CERTIFICATO N. 9101.COGE
FOR THE VALIDITY PLEASE REFER TO CERTIFICATE N. 9101.COGE

DATE:	PRIMA CERTIFICAZIONE FIRST CERTIFICATION	EMISSIONE CORRENTE CURRENT ISSUE	SCADENZA EXPIRY
	17/07/1995	16/05/2024	27/05/2027

IMQ S.p.A. - VIA QUINTILIANO, 43 - 20138 MILANO ITALY
Management Systems Division - Flavio Orsago

ACCREIDIA MEMBER OF ACCREDITED

MS N° 0005MS

IAF: 18,19,29

CISQ CONFORMITY INTERNATIONAL STANDARDS QUALITY

Member degli Accordi di Milano
Members of the Accords of Milan
Signature of S.A. and L.A.C. Mutual
Recognition Agreement

La validità del certificato è subordinata a sorveglianza annuale e revisione
completa del Sistema di Gestione con periodicità triennale
The validity of the certificate is subordinated to annual audit and a
reassessment of the entire Management System within three years



SCAN HERE
For more information.





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