GENERAL CATALOGUE 50 Hz

41.2017

DAB®
WATER • TECHNOLOGY

CERTIFICATES

IQNet

THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

IQNet and its partner
CISQ/IMQ-CSQ
hereby certify that the organization

DWT HOLDING SPA
VIA MARCO POLO 14 - 35035 MESTRINO (PD)
BRENDOLA (VI) - CASTELLO DI GODEGO (TV) - BIENTINA (PI) -
SAN GERMANO DEI BERICI (VI) - PRC CHINA - HUNGARY

for the following field of activities

Design, production, sale and assistance of components and electronic controls for pumps, electropumps, and pump sets for cold and hot water for civil, industrial and agricultural use

Refer to quality manual for details of applications to ISO 9001:2008 requirements

has implemented and maintains a
Quality Management System
which fulfills the requirements of the following standard

ISO 9001:2008

Issued on: 2015 - 05 - 28 Expiry date: 2018 - 05 - 27

Registration Number: IT – 824

The status of validity of the certificate can be verified at http://www.cisq.com or by e-mail to fedcisq@cisq.com

Michael Drechsel
President of IQNET

Ing. Claudio Provetti
President of CISQ

IQNet Partners*:
AENOR *Spain* AFNOR Certification *France* AIB-Vincotte International *Belgium* ANCE-SIGE *Mexico* APCER *Portugal* CCC *Cyprus* CISQ *Italy* CQC *China* CQM *China* CQS *Czech Republic* Cro Cert *Croatia* DQS Holding GmbH *Germany* FCAV *Brazil* FONDONORMA *Venezuela* ICONTEC *Colombia* IMNC *Mexico* Inspecta Certification *Finland* IRAM *Argentina* JQA *Japan* KFQ *Korea* MIRTEC *Greece* MSZT *Hungary* Nemko AS *Norway* NSAI *Ireland* PCBC *Poland* Quality Austria Austria RR Russia SII Israel SIQ Slovenia SIRIM QAS International Malaysia SQS *Switzerland* SRAC *Romania* TEST St Petersburg *Russia* TSE *Turkey* YUQS *Serbia*
IQNet is represented in the USA by: AFNOR Certification, CISQ, DQS Holding GmbH and NSAI Inc.
* The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com

All. 1 di 1
Ann. 1 of 1

CISQ
www.imq.it

CISQ is a member of IQNet
www.iqnet-certification.com

IQNet, the association of the world's first class certification bodies, is the largest provider of management System Certification in the world. IQNet is composed of more than 30 bodies and counts over 150 subsidiaries all over the globe.

ALLEGATO CERTIFICATO n. **9101.COGE**
ANNEX CERTIFICATE

(*) Unità Operative:
(*) Operative Units:

DAB PUMPS SPA
VIA BONANNO PISANO 1 - 56031 BIENTINA (PI)

DAB PUMPS SPA
VIA DEL LAVORO 3 - 36040 SAN GERMANO DEI BERICI (VI)

DAB PUMPS QINGDAO CO. LTD
40 KAITUO ROAD, QINGDAO DEVELOPMENT ZONE - SHANGDONG PROVINCE, PRC CHINA

DAB PUMPS HUNGARY KFT
BUDA ERNO H - 8800 NAGYKANISZA HUNGARY

DATE:	PRIMA CERTIFICAZIONE *FIRST CERTIFICATION*	EMISSIONE CORRENTE *CURRENT ISSUE*	SCADENZA *EXPIRY*
	1995-07-17	2015-05-28	2018-05-27

IMQ S.p.A. - VIA QUINTILIANO, 43 - 20138 MILANO

CISQ è la Federazione Italiana di Organismi di Certificazione dei sistemi di gestione aziendale.
CISQ is the Italian Federation of management system Certification Bodies.

FEDERAZIONE CISQ
www.cisq.com

ACCREDIA
IAF: 18, 19, 29

La validità del certificato è subordinata a sorveglianza annuale e riesame completo del Sistema di Gestione con periodicità triennale
The validity of the certificate is submitted to annual audit and a reassessment of the entire Management System within three years

CISQ
www.imq.it

CISQ is a member of IQNet
www.iqnet-certification.com

IQNet, the association of the world's first class certification bodies, is the largest provider of management System Certification in the world. IQNet is composed of more than 30 bodies and counts over 150 subsidiaries all over the globe.

CERTIFICATO N.
CERTIFICATE N. **9101.COGE**

SI CERTIFICA CHE IL SISTEMA QUALITA' DI
WE HEREBY CERTIFY THAT THE QUALITY SYSTEM OPERATED BY
DWT HOLDING SPA
VIA MARCO POLO 14 - 35035 MESTRINO (PD)

UNITA' OPERATIVE
OPERATIVE UNITS
DAB PUMPS SPA
VIA MARCO POLO 14 - 35035 MESTRINO (PD)
DAB PUMPS SPA
VIA EINAUDI 2 - 36040 BRENDOLA (VI)
DAB PUMPS SPA
VIA E. FERMI 6-8-10 - 31030 CASTELLO DI GODEGO (TV)

Vedere gli Allegati per le altre Unità Operative (n° 1 pagina)
View the Annexes for the other Operative Units (n° 1 page)

E' CONFORME ALLA NORMA
IS IN COMPLIANCE WITH THE STANDARD
ISO 9001:2008

PER LE SEGUENTI ATTIVITA'
FOR THE FOLLOWING ACTIVITIES

Progettazione, produzione, commercializzazione e assistenza di componenti e controlli elettronici per pompe, elettropompe e gruppi di pompaggio per acqua fredda e calda ad uso civile, industriale ed agricolo
Design, production, sale and assistance of components and electronic controls for pumps, electropumps, and pump sets for cold and hot water for civil, industrial and agricultural use

Riferirsi al manuale della qualità per l'applicabilità dei requisiti della norma ISO 9001:2008
Refer to quality manual for details of applications to ISO 9001:2008 requirements

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*
	1995-07-17	2015-05-28	2018-05-27

IMQ S.p.A. - VIA QUINTILIANO, 43 - 20138 MILANO

CISQ è la Federazione Italiana di Organismi di Certificazione dei sistemi di gestione aziendale.
CISQ is the Italian Federation of management system Certification Bodies.

FEDERAZIONE CISQ
www.cisq.com

ACCREDIA
IAF: 18, 19, 29

La validità del certificato è subordinata a sorveglianza annuale e riesame completo del Sistema di Gestione con periodicità triennale
The validity of the certificate is submitted to annual audit and a reassessment of the entire Management System within three years

FOR THE INSTALLER

SIMPLE INSTALLATION

MAXIMUM PUMP AND SYSTEM PROTECTION

ALL INTEGRATED

e.sybox

THE MOST ADVANCED RANGE OF INTEGRATED BOOSTER PUMP SYSTEMS AVAILABLE FOR TACKLING ALL THE WATER PRESSURIZATION ISSUES

COMPACT

SILENT

EFFICIENT

FOR THE END USER

DAB WATER•TECHNOLOGY

NEWS

GENERAL CATALOGUE 2017

DAB WATER•TECHNOLOGY

E.SWIM
ELECTRONIC SWIMMING POOL PUMP

PAG. 100

KI
AISI 304 STAINLESS STEEL SINGLE IMPELLER CENTRIFUGAL PUMPS

PAG. 146

FKC
SUBMERSIBLE PUMPS

PAG. 222

MICRA HS
HIGH SPEED 3" OR LARGER SUBMERSIBLE PUMPS FOR WELLS

PAG. 264

SMC
SUBMERSIBLE PUMPS
6" - 8" - 10" - 12"

PAG. 301

2 KVE ADAC
CONSTANT PRESSURE SETS WHIT ADAC

PAG. 336

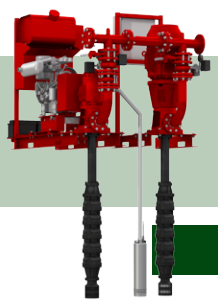
1 KDN COMPACT
FIRE FIGHTING UNITS UNI STANDARDS EN 12845 WITH ELECTRIC PUMP AND DIESEL PUMP

PAG. 355

S4-SS6-SS7-SS8
FIRE FIGHTING UNITS UNI STANDARDS EN 12845 WITH 4"- 6"- 7"- 8" SUBMERSIBLE ELECTRIC PUMPS

PAG. 360

1 KVT
FIRE FIGHTING UNITS UNI STANDARDS EN 12845 DIESEL AND ELECTRIC WITH VERTICAL TURBINE PUMPS



PAG. 362

DOWNLOAD

Scan the QR code or visit **www.dabpumps.com/en/mydab**
to download the digital version.

COMMAND AND CONTROL SYSTEMS PAG.1

CIRCULATORS AND IN-LINE PUMPS PAG.15

MULTISTAGE SELF-PRIMING AND CENTRIFUGAL PUMPS PAG.73

SWIMMING POOL, POND AND SALT WATER PUMPS PAG.99

CENTRIFUGAL PUMPS PAG.117

SUBMERSIBLE PUMPS PAG.207

SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS PAG.257

PRESSURE UNITS PAG.331

ALWAYS BY YOUR SIDE

D+ CONNECT

WITH D.CONNECT YOU CAN:

- MONITOR YOUR INSTALLATIONS
- RECEIVE REAL TIME ALERTS
- ACT PROMPTLY FROM REMOTE
- MANAGE EMERGENCIES QUICKLY
- SCHEDULING MAINTENANCE

COMING SOON

DAB
WATER•TECHNOLOGY

INDEX - COMMAND AND CONTROL SYSTEMS

INVERTER

MCE/C
INVERTER FOR CIRCULATING PUMPS

ED PAG. 2

ADAC
INVERTER FOR PRESSURE PUMPS

EA PAG. 4

MCE/P
INVERTER FOR PRESSURE PUMPS

ED PAG. 3

ACTIVE DRIVER PLUS
INVERTER

AS PAG. 5

ON/OFF DEVICES

E.BOX
CONTROL PANEL

AT PAG. 7

SMART PRESS
ON/OFF CONTROLLER

AR PAG. 8

ACCESSORIES

PAG. 9

ED

MCE/C
INVERTER

CE

CIRCULATING

MCE/C inverters are the latest technological challenge in the DAB inverters universe. They constitute the new generation of inverters for use with circulator pumps and stand out for ease of use, power, and simplicity of installation and management.
MCE/C inverters are designed for use with circulator pumps to enable simple control of differential pressure, thereby adapting pump performancee to match effective system requirements.
The solution of mounting on the motor base greatly simplifi es installation of the pump with **MCE/C** in minimal times.
Ease of programming is guaranteed by the use of an interface similar to DAB Dialogue and a graphic display.
MCE/C inverters feature dual microprocessor architecture to guarantee maximum efficiency and reliability. Sturdy and reliable construction is combined with modern and innovative styling to complete the product also in terms of aesthetics.
MCE/C inverters protect the pump thanks to integrated safety devices. They are also able to prolong the useful lifetime of the pump thanks to the elimination of water hammer and rotation of the pump at the minimum rpm necessary to meet the requirements of the user.
Last but not least, these inverters save power by keeping pump consumption to the minimum levels strictly necessary to meet user requirements.

Equipped with communication module for the creation of twin pumpsets.

ACCESSORIES | PAG. 9

TECHNICAL DATA

MODEL	CODE	NOMINAL MOTOR POWER KW	MAX NOMINAL MOTOR CURRENT A	MIN NOMINAL MOTOR CURRENT A	VOLTAGE 50 Hz	PUMP VOLTAGE 50 Hz	MOTOR FRAME
MCE/C 11	**60144656**	1.1	6.5	1.0	Single-phase 1x230	Three-phase 3x230	71 80
MCE/C 15	**60144657**	1.5	8,0	1.0	Single-phase 1x230	Three-phase 3x230	90
MCE/C 22	**60144659**	2.2	10.5	1.0	Single-phase 1x230	Three-phase 3x230	90 100
MCE/C 30	**60144660**	3	7,5	2.0	Three-phase 3x400	Three-phase 3x400	100
MCE/C 55	**60144662**	5,5	13,5	2.0	Three-phase 3x400	Three-phase 3x400	112 132
MCE/C 110	**60144664**	11.0	24	2.0	Three-phase 3x400	Three-phase 3x400	132 160
MCE/C 150	**60144665**	15.0	32	2.0	Three-phase 3x400	Three-phase 3x400	160

PRODUCTS SUPPLIED WITH MCE/C

IN-LINE PUMPS		CENTRIFUGAL PUMPS	
ALME- ALPE	pag. 32	**NKM-GE / NKP-GE**	pag. 123
KLME- KLPE /DKLME - DKLPE	pag. 34	**KDNE 4-2 POLES**	pag. 127
CME / CM-GE / DCM-GE / DCME	pag. 37		
CPE / CP-GE / DCP-GE / DCPE	pag. 41		

MCE/P
INVERTER

PRESSURE PUMPS

MCE/P is the leading edge of teh Dab Inverters family and are ideal for professional and very severe applications. They can drive pumps of up to 15 kW. These units combine the simplicity with the robust design and power of an inverter drive.
MCE/P are mounted on the pump, and are equipped with pressure sensors and the **optional flow sensors** as required. The use of a flow sensor, moreover, allows a better pressure regulation.
The **MCE/P** can easily be set up in booster sets,thanks to a standard wire cable connection.
Comfort, energy saving, protections and simplicity are the keywords of this professional series.

The **MCE/P** units are air cooled.
The **MCE/P** can be easily installed in existing systems and can operates with all pumps Facility to create sets with interchange of up to 8 pumps

ACCESSORIES | PAG. 9

TECHNICAL DATA

MODEL	CODE	NOMINAL MOTOR POWER KW	MAX NOMINAL MOTOR CURRENT A	MIN NOMINAL MOTOR CURRENT A	VOLTAGE 50 Hz	PUMP VOLTAGE 50 Hz	MOTOR FRAME
MCE/P 11	60145919	1.1	6.5	1.0	Single-phase 1x230	Three-phase 3x230	71 80
MCE/P 15	60145920	1,5	8,0	1.0	Single-phase 1x230	Three-phase 3x230	90
MCE/P 22	60145921	2.2	10.5	1.0	Single-phase 1x230	Three-phase 3x230	90 100
MCE/P 30	60145922	3	7,5	2.0	Three-phase 3x400	Three-phase 3x400	100
MCE/P 55	60145923	5,5	13,5	2.0	Three-phase 3x400	Three-phase 3x400	112 132
MCE/P 110	60145924	11.0	24	2.0	Three-phase 3x400	Three-phase 3x400	132 160
MCE/P 150	60145925	15.0	32	2.0	Three-phase 3x400	Three-phase 3x400	160

PRODUCTS SUPPLIED WITH MCE/P

CENTRIFUGAL PUMPS	
KE SINGLE IMPELLER	pag. 120
KE TWIN IMPELLER	pag. 121
NKM-GE / NKP-GE	pag. 137
KDNE 4-2 POLES	pag. 142
KVCE 30-50-80-120	pag. 129
KVE 3-6-10	pag. 130
NKVE 10-15-20	pag. 131
NKVE 32-45-65-95	pag. 133

PRESSURE UNITS	
2/3/4 NKVE 10-15-20-32-45 MCE/P	pag. 339

EA

ADAC
INVERTER

CE

PRESSURE PUMPS

ADAC is the leading edge of the Dab Inverters family.
Are ideal for **HEAVY DUTY APPLICATIONS**
They can drive pumps of up to 15 kW. These units combine the simplicity with the robust design and power of an inverter drive. They can be installed in a control panel and must be supplied with external pressure.
The use of a flow sensor (OPTIONAL), allows a better pressure regulation.
The **ADAC** can easily be set up in booster sets,thanks to a standard wire cable connection.

Comfort, energy saving, protections and simplicity are the keywords of this professional series.
The ADAC units are air cooled. These extremely robust panel-mounting inverters feature a metal body and are suitable for heavy-duty applications.
ADAC ensure the utmost practicality and increase the average workinglife of the system, permitting also signifi cant savings in power consumption.

ACCESSORIES PAG. 9

TECHNICAL DATA

MODEL	CODE	NOMINAL MOTOR POWER kW	MAX NOMINAL MOTOR CURRENT A	MIN NOMINAL MOTOR CURRENT A	VOLTAGE 50 Hz	PUMP VOLTAGE 50 - 200 Hz
ADAC M/T 1.0	60145522	1,0	6.5	1	Single-phase 1x230	3x230
ADAC M/T 1.5	60145523	1,5	9,0	1	Single-phase 1x230	3x230
ADAC M/T 2.2	60145524	2.2	11,5	1	Single-phase 1x230	3x230
ADAC T/T 3.0	60145525	3,0	9,0	2	Three-phase 3x400	3x400
ADAC T/T 4.0	60145526	4,0	11	2	Three-phase 3x400	3x400
ADAC T/T 5.5	60145527	5,5	15	2	Three-phase 3x400	3x400
ADAC T/T 7.5	88002773	7,5	22	2	Three-phase 3x400	3x400
ADAC T/T 11	88002774	11	31	2	Three-phase 3x400	3x400
ADAC T/T 15	88002775	15	41	2	Three-phase 3x400	3x400

PRODUCTS SUPPLIED WITH ADAC

PRESSURE UNITS	
2 KVE	pag. 336

ACTIVE DRIVER PLUS
INVERTER

WRAS APPROVED PRODUCT

CE

DOMESTIC WATER SUPPLY / PRESSURE PUMPS

Active Driver Plus are inverters used for the control of hydraulic pumps. Their obvious fields of application are domestic, industrial, and agricultural constant pressure pumping systems.
The OLED display offers an extremely simple and intuitive graphic interface. Displaying or changing any parameters is extremely simple, which in turn also simplifies maintenance.
Installation is also very easy: the installation wizard asks the user for the parameters required for the configuration.
Active Driver Plus inverters provide a reduction of electric consumption, thanks to the inverter technology, whilst at the same time ensuring maximum comfort thanks to the constant pressure.
They are extremely versatile, as they do not require external sensors and non-return valves. There is in-fact a built-in pressure sensor, a flow switch, and a non-return valve.
The advantages of Active Driver Plus are:
- comfort, thanks to the constant pressure,
- energy savings, thanks to the inverter technology.
- less noise,
- compact shape,
- all the built-in protections: dry run, overload, abnormal voltage, overtemperature, freezing.

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 and horizontal (M/M and M/T only)
Maximum liquid temperature: 50°C.
Max operating temperature: 50°C.
Max flow rate: 18m³/h.
Maximum working pressure: 13 bar.
Pressure regulation range: from 1 to 13 bar.
Suction diameter (DNA): 1 1/4" male.
Delivery diameter (DNM): 1 1/2" female.
Protection level: IP55.
Communication interface for sets: YES, an Active Driver Plus for each pump

Non-return valve not required
Equipped with graphic display

TECHNICAL DATA

MODEL	CODE	MAX CURRENT OF MOTOR A	MAX MOTOR POWER kW	VOLTAGE 50 Hz	PUMP SUPPLY VOLTAGE Volt	CONNECTIVITY FOR PARALLEL WORKING	TO BE USED WITH PUMPS TYPE	PRESSURE REGULATION RANGE BAR	WEIGHT Kg	Q.TY X PALLET
ACTIVE DRIVER PLUS M/M 1,1	**60149661**	8,5	1,1	Single-phase 1x230	Single-phase 1x230	YES	Surface pumps, 4" submersible pumps and 5" pumps with single-phase motor and input current of up to 8,5 A	1-9	3,5	32
ACTIVE DRIVER PLUS M/M 1,5/DUAL VOLTAGE	**60170688**	11	0,55 1,5	Single-phase 1x115 1x230	Single-phase 1x115 1x230	YES	Surface pumps, 4" submersible pumps and 5" pumps with single-phase motor and input current of up to 11 A	1-9	3,5	32
ACTIVE DRIVER PLUS M/M 1,8/DUAL VOLTAGE	**60170689**	14	1,0 1,8	Single-phase 1x115 1x230	Single-phase 1x115 1x230	YES	Surface pumps, 4" submersible pumps and 5" pumps with single-phase motor and input current of up to 14 A	1-9	3,8	32
ACTIVE DRIVER PLUS M/T 1	**60169777**	4,7	1,0	Single-phase 1x230	Three-phase 3x230	YES	Surface pumps, 4" submersible pumps and 5" pumps with three-phase 230V motor and input current of up to 4,7 A	1-9	3,5	32
ACTIVE DRIVER PLUS M/T 2,2	**60170687**	10,5	2,2	Single-phase 1x230	Three-phase 3x230	YES	Surface pumps, 4" submersible pumps and 5" pumps with three-phase 230V motor and input current of up to 10,5 A	1-13	3,5	32
ACTIVE DRIVER PLUS T/T 3	**60169808**	7,5	3,0	Three-phase 3x400	Three-phase 3x400	YES	Surface pumps, 4" submersible pumps and 5" pumps with three-phase 400V motor and input current of up to 7,5 A	1-13	4,5	32
ACTIVE DRIVER PLUS T/T 5,5	**60170715**	13,3	5,5	Three-phase 3x400	Three-phase 3x400	YES	Surface pumps, 4" submersible pumps and 5" pumps with three-phase 400V motor and input current of up to 13,3 A	1-13	4,6	32

PRODUCTS SUPPLIED WITH ACTIVE DRIVER PLUS

SUBMERSIBLE PUMPS		PRESSURE UNITS	
MICRA HS	pag. 264	**2 JET AD**	pag. 333
		2 EURO AD	pag. 333
		1-2 -3 KVC AD	pag. 334
		1-2 -3 KV AD 3-6-10	pag. 335
		2-3 NKV AD 10 -15	pag. 337

TABLE MATCHING INVERTER - ELECTROPUMPS

MODEL		ACTIVE DRIVER PLUS M/M	ACTIVE DRIVER PLUS M/T	ACTIVE DRIVER PLUS T/T	ADAC M/T	ADAC T/T	MCE/P	MCE /C
KLM -KLP - DKLM - DKLP	pag. 44							•
CM - DCM	pag. 46							•
CP - DCP	pag. 54							•
KC - KCV	pag. 151							•
JET - JETINOX - JETCOM	pag. 74	•	•	•	•	•	•	
EURO - EUROINOX - EUROCOM	pag. 79	•	•	•	•	•	•	
MULTINOX	pag. 81	•						
EUROSWIM	pag. 101						•	
JETCOM SP - EUROCOM SP	pag. 112						•	
KPA	pag. 118	•	•					
KPS - KPF- KP	pag. 118-119	•	•		•		•	
K	pag. 147-149	•	•	•	•	•	•	
NKM-G - NKP-G	pag. 152			•	•	•	•	•
KDN	pag. 174					•	•	•
KVC - KVCX	pag. 190	•	•	•	•	•	•	
KV	pag. 193	•	•	•	•	•	•	
NVK	pag. 194-198		•	•	•	•	•	
IDEA	pag. 258	•		•		•		
DIVER - DIVER HF	pag. 259	•		•				
PULSAR - PULSAR DRY	pag. 261-262	•	•	•	•	•		
MICRA	pag. 265	•	•	•	•	•		
CS4 - S4	pag. 266-269	•	•	•	•	•		

e.box

E.BOX

ELECTRONIC PROTECTION AND CONTROL PANEL

CE

EMPTYING/FILLING - PRESSURIZATION

e.box plus D

e.box basic

e.box plus is an electronic control panel for the protection and automatic operation of one or two submersible pumps or pressurizing both single-phase and three-phase, installed in domestic, civil and industrial environments.

e.box basic is an electronic control panel for the protection and automatic operation of one or two electronic submersible pumps or single-phase pressurization for domestic applications.

Nominal tension of power supply:
e.box plus 1x 230 V / 3 x 230 V - 3 x 400 V (automatic selection)
e.box basic 1x 230 V
Frequency: 50 - 60 Hz
Maximum use of power:
e.box plus 5,5 kWatt + 5,5 kWatt
e.box basic 2,2 kWatt + 2,2 kWatt
Maximum use of current: 12 A + 12 A
Starting capacitor: KIT supplied as an accessory
Limits of use ambient temperature: -10° C + 40° C
Limits of storage temperature: -25° C + 55° C
Relative humidity to the air: 90% a 20° C
Max altitude max: 1000 s.l.m.
Degree of protection: IP 55
Reference standard for the construction of the panels EN 60335-1

ACCESSORIES PAG. 9

TECHNICAL DATA

MODEL	CODE	VOLTAGE 50 HZ	STARTING	P2 NOMINAL		MAX CURRENT A	DISPLAY
				kW x2	HP x2		
E-BOX BASIC 230/50-60	60163214	1 X 230 V	DIRECT	2,2	3	12+12	-
E-BOX PLUS 230-400V/50-60	60163215	1 X 230 V	DIRECT	2,2	3	12+12	-
		3 X 230 V		3	4		
		3 X 400 V		5,5	7,5		
E-BOX BASIC D 230/50-60	60163216	1 X 230 V	DIRECT	2,2	3	12+12	•
E-BOX PLUS D 230-400V/50-60	60163217	1 X 230 V	DIRECT	2,2	3	12+12	•
		3 X 230 V		3	4		
		3 X 400 V		5,5	7,5		

DISPLAY

Thanks to the configuration wizard, installation of display versions is much simpler. Management is also much easier, thanks to the status always being visible and to a range of additional functions, such as the anti-seizing of drainage pumps, the alarm log, the language selection, and the password protected settings.

AR

SMART PRESS
ON/OFF CONTROLLER

CE

DOMESTIC WATER SUPPLY

SMART PRESS is an ON/OFF electronic device designed to switch the pump ON/OFF without using an expansion vessel.
The device protects the pump against dry running without using level probes or float switch.
It has an adjustable cut-in pressure and even with a high flow the pressure losses are small.
All the SMART PRESS models have a MANUAL AND AUTOMATIC RESTART.

TECHNICAL DATA

MODEL	CODE	SETTING PRESSURE bar	DNA GAS	DNM GAS	WEIGHT Kg	Q.TY x PALLET
SMART PRESS WG 1,5 - AUTOM. RESET - WITHOUT CABLE	60114808	1,5	1 " M	1 " ¼ F	1,3	100
SMART PRESS WG 1,5 - AUTOM. RESET - WITH CABLE	60113308	1,5	1 " M	1 " ¼ F	1,6	100
SMART PRESS WG 3.0 - AUTOM. RESET - WITHOUT CABLE	60114809	1,5	1 " M	1 " ¼ F	1,3	100
SMART PRESS WG 3.0 - AUTOM. RESET. - WITH CABLE	60113922	1,5	1 " M	1 " ¼ F	1,6	100

ACCESSORIES FOR COMMAND AND CONTROL SYSTEM

INVERTER ACCESSORIES

NOTES FOR PER MCE/C INSTALLATION

SINGLE INSTALLATION (Accessories to order)	MULTIPLE INSTALLATION (Accessories to order)
- differential sensor	- differential sensor - connection cable

NOTES FOR ADAC AND MCE/P INSTALLATION

SINGLE INSTALLATION (Accessories to order)	MULTIPLE INSTALLATION FROM 2 UP TO 8 INVERTER (Accessories to order)
- pressure sensor **OPTIONAL:** flow sensor, flow sensor bracket, flow sensor cable.	- pressure sensor - **connection cable** (number as necessary to connect all inverters installed; e.g. for 8 inverters order 7 connection cables).

IMPORTANT: optionally more than one pressure sensor can be fitted (min. 1 per inverter, max. 1 per inverter).Optional: flow sensor, flow sensor bracket, flow sensor cable.
IMPORTANT: just 1 flow sensor can be fitted on the outlet manifold or 1 flow sensor on the outlet of each pump.

PRESSURE SENSOR	DESCRIPTION	MCE/C	ADAC	MCE/P	E.BOX	CODE
	DIFFER. SENSOR 4BAR HUBA (C)	•				60144674
	DIFFER. SENSOR 10BAR HUBA (C)	•				60144675
	PRESS. SENSOR 25 BAR COMPL. WITH CABLE (2 MT.)		•	•		60146289
	PRESS. SENSOR 25 BAR COMPL. WITH CABLE (4 MT.)		•	•		88002533
	PRESS. SENSOR. 4-20 MA - 25 BAR WITH CABLE (1,5 MT)		•	•		60162878

INVERTER ACCESSORIES

FLOW SENSOR	DESCRIPTION	MCE/C	ADAC	MCE/P	E.BOX	CODE
	FLOW SENSOR F3H13		•	•		60146290
	FLOW SENSOR F3H13		•	•		60146291

CABLE	DESCRIPTION	MCE/C	ADAC	MCE/P	E.BOX	CODE
	PRESSURE SENSOR CABLE MCE 1 MT	•				60120929
	PRESSURE SENSOR CABLE MCE 2 MT	•				60145637
	PRESSURE SENSOR CABLE 4 MT.		•	•		88002310
	PRESSURE SENSOR CABLE 10 MT.		•	•		88002614
	PRESSURE SENSOR CABLE 32 MT.		•			88002615
	PRESSURE SENSOR CABLE 49 MT.		•			88002616
	PRESSURE SENSOR CABLE 99 MT.		•			88002620
	FLOW SENS. CABLE 2 MT.		•	•		60146292
	FLOW SENS. CABLE 4 MT.		•	•		88002311
	FLOW SENS. CABLE 10 MT.		•	•		88002617
	FLOW SENS. CABLE 32 MT.		•			88002618
	FLOW SENS. CABLE 49 MT.		•			88002619
	FLOW SENS. CABLE 99 MT.		•			88002621
	CABLE FOR ADAC CONNECTION		•			88002479
	CABLE X MCE TWIN CONNECT.	•		•		60144673

INVERTER ACCESSORIES

FLANGE FOR FLOW SENSOR	DESCRIPTION	MCE/C	ADAC	MCE/P	E.BOX	CODE
	MOUNT. FLANGE FOR FLOW SENS. F3H13 PLAST. PIPE 2" (63 MM.)		•	•		88002228
	MOUNT. FLANGE FOR FLOW SENS. F3H13 PLAST. PIPE 2" 1/2(75MM.)		•	•		88002229
	MOUNT. FLANGE FOR FLOW SENS. F3H13 PLAST. PIPE 3" (90 MM.)		•	•		88002227
	MOUNT. FLANGE FOR FLOW SENS. F3H13 PLAST. PIPE 4" (110 MM.)		•	•		88002154
	MOUNT. FLANGE FOR FLOW SENS. F3H13 PLAST. PIPE 6" (160 MM.)		•	•		88002236
	MOUNT. FLANGE FOR FLOW SENS. F3H13 MET. PIPE 2" (60.3 MM.)		•	•		88002442
	MOUNT. FLANGE FOR FLOW SENS. F3H13 MET. PIPE 3" (88.9 MM.)		•	•		88002152
	MOUNT. FLANGE FOR FLOW SENS. F3H13 MET. PIPE 4" (114.3 MM.)		•	•		88002153
	MOUNT. FLANGE FOR FLOW SENS. F3H13 MET. PIPE 6" (168.3 MM.)		•	•		88002440
	MOUNT. FLANGE FOR FLOW SENS. F3H13 MET. PIPE 8" (219.1 MM.)		•	•		88002439

FLOATS	DESCRIPTION		MCE/C	ADAC	MCE/P	E.BOX	CODE
	FLOAT KEY	5 meters cable				•	159260030
		10 meters cable				•	159260040
		15 meters cable				•	159260050
		20 meters cable				•	159260070
	BULB-FLOAT	10 meters				•	002718000
		20 meters				•	002718001

LEVEL TRANSDUCER	DESCRIPTION	MCE/C	ADAC	MCE/P	E.BOX	CODE
	PRESSURE TRASDUCER 0-5 MT- CABLE 20 MT. FOR E-BOX				•	60114675

LEVEL PROBE	DESCRIPTION	MCE/C	ADAC	MCE/P	E.BOX	CODE
	**COMPLETE - ELECTRODE PROBE** Suitable for conductive liquids with a maximum temperature of +40°C To be connected with a 1,5 mm^2 cable - 550V insulation Sensibility ≤ 53 Kohm				•	002775000

INVERTER ACCESSORIES

PRESSURE SWITCH	DESCRIPTION	MCE/C	ADAC	MCE/P	E.BOX	CODE
	**PRESSURE SWITCH FOR PROTECTION AGAINST DRY RUNNING**				•	002717002

KIT CAPACITOR	DESCRIPTION	MCE/C	ADAC	MCE/P	E.BOX	CODE
	**KIT CAPACITOR 40UF**				•	60169268
	KIT CAPACITOR 30UF				•	60169269
	KIT CAPACITOR 20UF				•	60169270

ALARM	DESCRIPTION	MCE/C	ADAC	MCE/P	E.BOX	CODE
	**FLASCHING 230V 5W 50/60 HZ**				•	60169271

PRESSURE SENSOR	DESCRIPTION	MCE/C	ADAC	MCE/P	E.BOX	CODE
	**PRESS. TRAS. 16 BAR** (E.box for pressurization use)				•	60116837

NOTES

INDEX - CIRCULATORS AND IN-LINE PUMPS

EVOSTA / EVOSTA DPC
WET ROTOR
ELECTRONIC CIRCULATORS
ErP ready DAB
EF PAG. 16

EVOTRON
WET ROTOR
ELECTRONIC CIRCULATORS
ErP ready DAB
C7 PAG. 17

EVOPLUS SMALL
WET ROTOR
ELECTRONIC CIRCULATORS
ErP ready DAB
EV PAG. 18

EVOPLUS
WET ROTOR
ELECTRONIC CIRCULATORS
ErP ready DAB
EW EU PAG. 19

VA
WET ROTOR
CIRCULATORS
ONLY FOR EXTRA EU MARKETS
AZ PAG. 22

A / B / D
WET ROTOR
CIRCULATORS
ONLY FOR EXTRA EU MARKETS
AV AW PAG. 23

BPH / DPH / BMH / DMH
WET ROTOR
CIRCULATORS
ONLY FOR EXTRA EU MARKETS
AX PAG. 25

EVOTRON SOL
WET ROTOR
ELECTRONIC CIRCULATORS
ErP ready DAB
C7 PAG. 27

EVOTRON SAN
WET ROTOR
ELECTRONIC CIRCULATORS
C7 PAG. 28

EVOPLUS SMALL SAN
WET ROTOR
ELECTRONIC CIRCULATORS
EX PAG. 29

EVOPLUS SAN
WET ROTOR
ELECTRONIC CIRCULATORS
EX PAG. 30

VS
WET ROTOR
CIRCULATORS
B3 PAG. 31

ALME / ALPE
ELECTRONIC IN-LINE PUMPS
WITH MCE/C
BV PAG. 32

KLME / KLPE / DKLME / DKLPE
ELECTRONIC IN-LINE PUMPS
WITH MCE/C
BV PAG. 34

CME / CM-GE / DCME / DCM-GE
ELECTRONIC IN-LINE PUMPS
WITH MCE/C
BW PAG. 37

CPE / CP-GE / DCPE / DCP-GE
ELECTRONIC IN-LINE PUMPS
WITH MCE/C
BW PAG. 41

ALM / ALP
IN-LINE PUMPS
BQ PAG. 43

KLM / KLP / DKLM / DKLP
IN-LINE PUMPS
BR BS PAG. 44

CM / CM-G / DCM / DCM-G
IN-LINE PUMPS
BT BU PAG. 46

CP / CP-G / DCP / DCP-G
IN-LINE PUMPS
BT BU PAG. 54

K-HA
CENTRIFUGAL PRESSURE
BOOSTING PUMPS
DO PAG. 61

ACCESSORIES
PAG. 63

EVOSTA

EVOSTA / EVOSTA DPC

WET ROTOR ELECTRONIC CIRCULATORS

ErP ready

CE

HEATING

Thanks to the advanced technology used in the **permanent magnet synchronous motor and the frequency converter**, the new range of **EVOSTA** circulators ensures high efficiency in all applications, obtaining important results in terms of energy saving. For this EVOSTA pump, is in line with the European directive 2009/125/Erp EC (first EuP) and is ready to satisfy the requirements of the same rule entered into effect by 2015 (**EEI ≤ 0,23**). The pump incorporates an electronic device able to detect the changes required by the plant and automatically adapts the performance, ensuring maximum efficiency with minimum energy consumption. The EVOSTA circulator is also suitable for the replacement of the old three-speed circulators pumps both dimensionally in as it has the same overall dimensions of the series VA, is in its ability to cover with a single model pumps with a head up to 4, 5 and 6 meters, It is also a product able to simplify the user's work, having a single sequential button setting and being provided with a breather cap for the degassing of the system and for the eventual release of the crankshaft.

Operating range: from 0.4 to 3.3 m3 / h with head up to 6.9 meters.
Temperature range of the liquid: from +2 ° C to +95 ° C.
Working pressure: 10 bar (1000 kPa).
Degree of protection: IP 44.
Insulation class: F.
Installation: with a horizontal motor axis .
Power series: 1x230V/50/60 Hz single-phase
Pumped liquid: clean, free from solids and mineral oils, non viscous, chemically neutral, close to water characteristics (max. glycol. 30%).

ACCESSORIES PAG. 63

TECHNICAL DATA - EVOSTA

Adjustment mode: 3 fixed speed curves, 6 proportional differential pressure curves.

MODEL	CODE	CENTRE DISTANCE mm	PUMP COUPLINGS	UNIONS ON REQUEST		ELECTRICAL DATA			HYDRAULIC DATA							EEI PART 2	WEIGHT KG	Q.TY x PALLET
				STANDARDIS.	SPECIALS	VOLTAGE 50/60 Hz	P1 RANGE W	In A	Q=m³h	0	0,6	1,2	1,8	2,4	3			
									Q=l/min	0	10	20	30	40	50			
EVOSTA 40-70/130 ½	60161175	130	1"	½" F	-	1x230 V	6 - 44	0,08 - 0,39	H (m)	6,88	5,5	4,42	3,35	2,41	1,71	EEI ≤ 0,23	2,4	240
EVOSTA 40-70/130	60161174	130	1" ½	1" F	¾" F - 1¼" M	1x230 V	6 - 44	0,08 - 0,38		6,88	5,5	4,42	3,35	2,41	1,71	EEI ≤ 0,23	2,4	240
EVOSTA 40-70/180	60161177	180	1" ½	1" F	¾" F - 1¼" M	1x230 V	6 - 44	0,08 - 0,38		6,88	5,5	4,42	3,35	2,41	1,71	EEI ≤ 0,23	2,8	180

TECHNICAL DATA - EVOSTA DPC

Adjustment mode: 1 fixed speed curve, 3 constant differential pressure curves, 6 proportional differential pressure curves.

MODEL	CODE	CENTRE DISTANCE mm	PUMP COUPLINGS	UNIONS ON REQUEST		ELECTRICAL DATA			HYDRAULIC DATA							EEI PART 2	WEIGHT KG	Q.TY x PALLET
				STANDARDIS.	SPECIALS	VOLTAGE 50/60 Hz	P1 RANGE W	In A	Q=m³h	0	0,6	1,2	1,8	2,4	3			
									Q=l/min	0	10	20	30	40	50			
EVOSTA 40-70/130 ½ - DPC	60166362	130	1"	½" F	-	1x230 V	6 - 44	0,08 - 0,38	H (m)	6,88	5,5	4,42	3,35	2,41	1,71	EEI ≤ 0,23	2,4	240
EVOSTA 40-70/130 - DPC	60166360	130	1" ½	1" F	¾" F - 1¼" M	1x230 V	6 - 44	0,08 - 0,38		6,88	5,5	4,42	3,35	2,41	1,71	EEI ≤ 0,23	2,4	240
EVOSTA 40-70/180 - DPC	60165083	180	1" ½	1" F	¾" F - 1¼" M	1x230 V	6 - 44	0,08 - 0,38		6,88	5,5	4,42	3,35	2,41	1,71	EEI ≤ 0,23	2,8	180

* Minimum order quantity: 1 pallet

SPECIAL VERSION

For OEM market Evosta PWM are available on request, for further information please contact our sales network

DAB WATER•TECHNOLOGY

EVOTRON

EVOTRON
WET ROTOR ELECTRONIC CIRCULATORS

ErP ready

CE

HEATING, AIR CONDITIONING

Thanks to the advanced technology employed, **the permanent magnet synchronous motor,** and **the frequency converter**, the new range of **EVOTRON** circulators ensures high efficiency in all applications, bringing appreciable benefits in terms of energy saving. That's why the entire series of **EVOTRON** circulators is is in line with the European directive 2009/125/Erp EC (first EuP) and is ready to satisfy the requirements of the same rule entered into effect by 2015 (**EEI ≤ 0,23**). The circulator features an electronic device that detects the changes demanded by the heating system and automatically adapts circulator performance accordingly, always ensuring optimal efficiency and minimum energy consumption.
Straightforward operation and an easy-to-ready control panel with display that shows the selected setting at each moment of operation.
Improved and optimized energy consumption overnight (SMART SLEEP Function)
Supplied with a special connector that enables simple and quick electrical connections on installation.
Supplied with an insulation housing kit which adds significantly reducing in heat dispersion.
Operating range: from 0,4 to 4,2 m³/h with head of up to a 8 mt
Liquid temperature range: from -10°C a +110°C
Maximum working pressure: 10 bar (1000 kPa)
Protection rating: IP X4
Insulation class: F
Installation: with HORIZONTAL MOTOR SHAFT
Standard voltage input: single-phase 1 x 230 V / 50 / 60 Hz
Liquid quality requirements: clean, free of solids and mineral oils, non-viscous, chemically neutral and approximating the properties of water (max. glycol contents 30%)

ACCESSORIES PAG. 63

TECHNICAL DATA

MODEL	CODE	CENTRE DISTANCE mm	PUMP COUPLINGS	UNIONS ON REQUEST		ELECTRICAL DATA			HYDRAULIC DATA *								EEI PART 2	WEIGHT Kg	Q.TY x PALLET
				STANDARDIS.	SPECIALS	VOLTAGE 50/60 Hz	P1 RANGE 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			
EVOTRON 40/130	60143302	130	1"½	1" F	¾" F 1¼" M	1x230 V	4-23	0,05 - 0,19		4	3,2	2,3	1,7	1,1			EEI ≤ 0,19	3.2	120
EVOTRON 40/180	60143358	180	1"½	1" F	¾" F 1¼" M	1x230 V	4-23	0,05 - 0,19		4	3,2	2,3	1,7	1,1			EEI ≤ 0,19	3.3	120
EVOTRON 40/180X	60143361	180	2"	1¼" F	-	1x230 V	4-23	0,05 - 0,19		4	3,2	2,3	1,7	1,1			EEI ≤ 0,19	3.4	120
EVOTRON 60/130	60143303	130	1"½	1" F	¾" F 1¼" M	1x230 V	4-43	0,05 - 0,32		6	5,6	4,5	3,5	2,6	1,8		EEI ≤ 0,20	3.2	120
EVOTRON 60/180	60143359	180	1"½	1" F	¾" F 1¼" M	1x230 V	4-43	0,05 - 0,37	H (m)	6	5,6	4,5	3,5	2,6	1,8		EEI ≤ 0,21	3.3	120
EVOTRON 60/180X	60143362	180	2"	1¼" F	-	1x230 V	4-43	0,05 - 0,37		6	5,6	4,5	3,5	2,6	1,8		EEI ≤ 0,22	3.4	120
EVOTRON 80/130	60143304	130	1"½	1" F	¾" F 1¼" M	1x230 V	4-64	0,05 - 0,56		8	7,8	6	4,8	3,9	3,1	1,6	EEI ≤ 0,22	3.2	120
EVOTRON 80/180	60143360	180	1"½	1" F	¾" F 1¼" M	1x230 V	4-64	0,05 - 0,56		8	7,8	6	4,8	3,9	3,1	1,6	EEI ≤ 0,23	3.3	120
EVOTRON 80/180X	60143363	180	2"	1¼" F	-	1x230 V	4-64	0,05 - 0,56		8	7,8	6	4,8	3,9	3,1	1,6	EEI ≤ 0,23	3.4	120

* Hydraulic values are assumed at maximum speed.

EVOPLUS SMALL

ELECTRONIC CIRCULATORS FOR SMALL COMMUNITY HEATING

HEATING, AIR CONDITIONING

EVOPLUS SMALL electronic circulators can be used in heating, ventilation and air conditioning systems for residential and commercial buildings. In all correctly sized installations, the electronically controlled wet rotor pumps constantly ensure sufficient power and, simultaneously, lower noise emissions, greater comfort and a significant reduction in running costs. All models fitted with flanged pump body are available in both single and the twin versions. The user interface is easy to use and easy to understand.

Circulator protection rate: IP 44.
Insulation class: F.
Standard voltage: single-phase 220/240V, 50/60Hz.
In accordance with European standards:
EN 61800-3 - EN 60335-1 - EN 60335-2-51.

Operating range: from 2 to 12 m3/h with head up to 11 meters.
Liquid Temperature range: from -10 °C to 110 °C.
Pumped liquid: clean, free from solids and mineral oils, not viscous, chemically neutral, close to the properties of water (max. glycol contents 30%).
Maximum working pressure: 16 bar (1600 kPa).
Standard flanging: The single version is available with 1 1/2" and 2" threaded ports and with flanged ports DN 32 and DN 40, PN 6 / PN 10 / PN 16.
The twin version is available with flanged pump body DN 32 and DN 40, PN 6 / PN 10 / PN 16.
Installation: with horizontal motor shaft.

ACCESSORIES PAG. 63

TECHNICAL DATA - *SINGLE UNIONS*

MODEL	CODE	CENTRE DISTANCE mm	PUMP COUPLINGS	UNIONS ON REQUEST		ELECTRICAL DATA			HYDRAULIC DATA								EEI PART 2	WEIGHT KG	Q.TY x PALLET
				STANDARDIS.	SPECIAL	VOLTAGE 50/60 Hz	P1 MAX W	In A	Q m^3/h l/min	0	2,4	3	4,2	5,4	7,2	9,6			
										0	40	50	70	90	120	160			
EVOPLUS 40/180 M	60150938	180	1" ½	1" F	¾" F - 1¼" M	220/240 V	70	0.52	H (m)	4,2	4,2	4	3,1	2,4			EEI ≤ 0,23	4,5	104
EVOPLUS 60/180 M	60150939	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 ≤ 0,22	4,5	104
EVOPLUS 80/180 M	60150940	180	1" ½	1" F	¾" F - 1¼" M	220/240 V	135	0.95		8,2	8,2	7,7	6,2	4,8	2,9		EEI ≤ 0,22	4,5	104
EVOPLUS 110/180 M	60150941	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 ≤ 0,22	4,5	104
EVOPLUS 40/180 XM	60150942	180	2"	1¼" F		220/240 V	70	0.51		4,1	4,1	4	3,1	2,2			EEI ≤ 0,21	4,7	104
EVOPLUS 60/180 XM	60150943	180	2"	1¼" F		220/240 V	100	0.71		6,1	6,1	5,7	4,5	3,4			EEI ≤ 0,21	4,7	104
EVOPLUS 80/180 XM	60150944	180	2"	1¼" F		220/240 V	135	0.93		8,1	8,1	7,6	6,2	4,9	3		EEI ≤ 0,21	4,7	104
EVOPLUS 110/180 XM	60150945	180	2"	1¼" F		220/240 V	170	1.18		11,3	10,2	9,5	7,9	6,3	4,3	2	EEI ≤ 0,21	4,7	104

TECHNICAL DATA - *SINGLE WITH FLANGES*

	MODEL	CODE	CENTRE DISTANCE mm	COUNTERFLANG. ON REQUEST	ELECTRICAL DATA			HYDRAULIC DATA								EEI PART 2	WEIGHT KG	Q.TY x PALLET
					VOLTAGE 50/60 Hz	P1 MAX W	In A	Q m^3/h l/min	0	2,4	3	4,2	5,4	7,2	9,6			
									0	40	50	70	90	120	160			
DN 32	**EVOPLUS B 40/220.32 M**	60150946	220	DN32 PN 6	220/240 V	85	0.55	H (m)	4,2	4,2	4,2	3,3	2,5	1,3		EEI ≤ 0,22	7,5	51
DN 32	**EVOPLUS B 60/220.32 M**	60150947	220	DN32 PN 6	220/240 V	110	0.75		6,1	6,1	5,6	4,6	3,6	2,2		EEI ≤ 0,22	7,5	51
DN 32	**EVOPLUS B 80/220.32 M**	60150948	220	DN32 PN 6	220/240 V	150	0.97		8	8	7,3	6	4,9	3,3		EEI ≤ 0,22	7,5	51
DN 32	**EVOPLUS B 110/220.32 M**	60150949	220	DN32 PN 6	220/240 V	200	1.3		11,2	10,5	9,6	8,1	6,8	5	2,6	EEI ≤ 0,22	7,5	51
DN 40	**EVOPLUS B 40/250.40 M**	60150950	250	DN40 PN 10	220/240 V	75	0.55	H (m)	4,2	4,2	4,2	3,3	2,5	1,3		EEI ≤ 0,21	7,5	51
DN 40	**EVOPLUS B 60/250.40 M**	60150951	250	DN40 PN 10	220/240 V	105	0.75		6,1	6,1	5,6	4,6	3,6	2,2		EEI ≤ 0,21	7,5	51
DN 40	**EVOPLUS B 80/250.40 M**	60150952	250	DN40 PN 10	220/240 V	140	0.97		8	8	7,3	6	4,9	3,3		EEI ≤ 0,21	7,5	51
DN 40	**EVOPLUS B 110/250.40 M**	60150953	250	DN40 PN 10	220/240 V	190	1.3		11,2	10,5	9,6	8,1	6,8	5	2,6	EEI ≤ 0,21	7,5	51

TECHNICAL DATA - *TWIN FLANGED*

	MODEL	CODE	CENTRE DISTANCE mm	COUNTERFLANG. ON REQUEST	ELECTRICAL DATA			HYDRAULIC DATA								EEI PART 2	WEIGHT KG	Q.TY x PALLET
					VOLTAGE 50/60 Hz	P1 MAX W	In A	Q m^3/h l/min	0	2,4	3	4,2	5,4	7,2	9,6			
									0	40	50	70	90	120	160			
DN 32	**EVOPLUS D 40/220.32 M**	60150954	220	DN32 PN 6	220/240 V	85	0.55	H (m)	4,2	4,2	4,2	3,3	2,5	1,3		EEI ≤ 0,23	13,5	30
DN 32	**EVOPLUS D 60/220.32 M**	60150955	220	DN32 PN 6	220/240 V	110	0.75		6,1	6,1	5,6	4,6	3,6	2,2		EEI ≤ 0,23	13,5	30
DN 32	**EVOPLUS D 80/220.32 M**	60150956	220	DN32 PN 6	220/240 V	150	0.95		8	8	7,3	6	4,9	3,3		EEI ≤ 0,23	13,5	30
DN 32	**EVOPLUS D 110/220.32 M**	60150957	220	DN32 PN 6	220/240 V	200	1.3		11,2	10,5	9,6	8,1	6,8	5	2,6	EEI ≤ 0,23	13,5	30
DN 40	**EVOPLUS D 40/250.40 M**	60150958	250	DN40 PN 10	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
DN 40	**EVOPLUS D 60/250.40 M**	60150959	250	DN40 PN 10	220/240 V	100	0.75		6,1	6,1	5,6	4,6	3,6	2,2		EEI ≤ 0,22	14,2	30
DN 40	**EVOPLUS D 80/250.40 M**	60150960	250	DN40 PN 10	220/240 V	135	0.95		8	8	7,3	6	4,9	3,3		EEI ≤ 0,22	14,2	30
DN 40	**EVOPLUS D 110/250.40 M**	60150961	250	DN40 PN 10	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

EVOPLUS

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

ErP ready

CE

HEATING, AIR CONDITIONING

EVOPLUS electronic circulators can be used in heating, ventilation and air conditioning systems for residential and commercial buildings. In all correctly sized installations, the electronically controlled wet rotor pumps constantly ensure sufficient power and, simultaneously, lower noise emissions, greater comfort and a significant reduction in running costs. All models fitted with flanged pump body are available in both single and twin versions. The user interface is easy to use and easy to understand.
Circulator protection rate: IP 44.
Insulation class: F.
Standard voltage: single-phase 220/240V, 50/60Hz.
In accordance with European standards:
EN 61800-3 - EN 60335-1 - EN 60335-2-51.
Operating range: from 2 to 75.6 m3/h with head up to 18 meters.

Liquid Temperature range: from -10 °C to 110 °C.
Pumped liquid: clean, free from solids and mineral oils, not viscous, chemically neutral, close to the properties of water (max. glycol contents 30%).
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 e DN 100, PN 6 (4 slots) usable with flange 4 holes PN10.
Special version on demand:
DN 80 , DN 100 PN 10 / PN 16 (8 holes)
Installation: with horizontal motor shaft.

ACCESSORIES PAG. 63

TECHNICAL DATA - *SINGLE WITH FLANGES*

	MODEL	CODE	CENTRE DISTANCE mm	COUNTERFL. ON REQUEST	ELECTRICAL DATA			HYDRAULIC DATA														EEI PART 2	WEIGHT KG	Q.TY x PALLET
					VOLTAGE 50/60 Hz	P1 MAX W	In A	Q m^3/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			
DN 32	EVOPLUS B 120/220.32 M	60150962	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 B 40/220.40 M	60150963	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 B 60/220.40 M	60150964	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 B 80/220.40 M	60150965	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 B 100/220.40 M	60150966	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 B 120/250.40 M	60150967	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 B 150/250.40 M	60150968	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 B 180/250.40 M	60150969	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 B 40/240.50 M	60150970	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 B 60/240.50 M	60150971	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 B 80/240.50 M	60150972	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 B 100/280.50 M	60150973	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 B 120/280.50 M	60150974	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 B 150/280.50 M	60150975	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 B 180/280.50 M	60150976	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
DN 65	EVOPLUS B 40/340.65 M	60150977	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	23,8	8
	EVOPLUS B 60/340.65 M	60150978	340	DN65 PN 10	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 B 80/340.65 M	60150979	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 ≤ 0,19	24,6	8
	EVOPLUS B 100/340.65 M	60150980	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 ≤ 0,18	25	8
	EVOPLUS B 120/340.65 M	60150981	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 ≤ 0,18	24,6	8
	EVOPLUS B 150/340.65 M	60150986	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 ≤ 0,18	27	8
DN 80	EVOPLUS B 40/360.80 M	60150987	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 B 60/360.80 M	60150988	360	DN80 PN 10	220/240 V	535	2,5		6							6	5,2	4	3	2			EEI ≤ 0,20	30,2	8
	EVOPLUS B 80/360.80 M	60150989	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 B 100/360.80 M	60150990	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 B 120/360.80 M	60150991	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 B 40/450.100 M	60150992	450	DN100 PN 10	220/240 V	530	2,5	H (m)	4									3,9	3	2			EEI ≤ 0,19	37,5	4
	EVOPLUS B 60/450.100 M	60150993	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 B 80/450.100 M	60150994	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 B 100/450.100 M	60150995	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 B 120/450.100 M	60150999	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

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

TECHNICAL DATA - SPECIAL VERSION *TWIN FLANGED* ***PN 16***

	MODEL	CODE	CENTRE DISTANCE mm	COUNTERFL. ON REQUEST	ELECTRICAL DATA VOLTAGE 50/60 Hz	P1 MAX W	In A	HYDRAULIC DATA Q m³/h l/min	0	18	24	30	36	42	54	72	EEI PART 2	WEIGHT KG	Q.TY x PALLET
									0	300	400	500	600	700	900	1200			
DN 80	EVOPLUS B 40/360.80 M	60153017	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 B 60/360.80 M	60153018	360	DN80 PN 16	220/240 V	535	2,5		6	6	5,2	4	3	2			EEI ≤ 0,20	30,2	8
	EVOPLUS B 80/360.80 M	60153019	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 B 100/360.80 M	60153020	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 B 120/360.80 M	60153021	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 B 40/450.100 M	60153022	450	DN100 PN 16	220/240 V	530	2,5	H (m)	4			3,9	3	2			EEI ≤ 0,19	37,5	4
	EVOPLUS B 60/450.100 M	60153023	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 B 80/450.100 M	60153024	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 B 100/450.100 M	60153025	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 B 120/450.100 M	60153026	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

TECHNICAL DATA - *TWIN FLANGED*

	MODEL	CODE	CENTRE DISTANCE mm	COUNTERFL. ON REQUEST	ELECTRICAL DATA VOLTAGE 50/60 Hz	P1 MAX W	In A	HYDRAULIC DATA Q m³/h l/min	0	4,2	5,4	7,2	9,6	12	14,4	18	24	30	36	42	EEI PART 2	WEIGHT KG	Q.TY x PALLET
									0	70	90	120	160	200	240	300	400	500	600	700			
DN 32	EVOPLUS D 120/220.32 M	60151000	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	60151001	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	60151002	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	60151003	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	60151004	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	60151005	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	60151006	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	60151007	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
DN 50	EVOPLUS D 40/240.50 M	60151008	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	60151009	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	60151010	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	60151011	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	60151012	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	60151013	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	60151014	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	60151015	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	60151016	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	60151017	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	60151018	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	60151019	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	60151020	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

EVOPLUS

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

TECHNICAL DATA - *TWIN FLANGED*

	MODEL	CODE	CENTRE DISTANCE mm	COUNTERFL. ON REQUEST	ELECTRICAL DATA VOLTAGE 50/60 Hz	P1 MAX W	In A	HYDRAULIC DATA Q m³/h	0	12	14,4	18	24	30	36	42	54	72	EEI PART 2	WEIGHT KG	Q.TY x PALLET
								l/min	0	200	240	300	400	500	600	700	900	1200			
DN 80	**EVOPLUS D 40/360.80 M**	60151021	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
DN 80	**EVOPLUS D 60/360.80 M**	60151022	360	DN80 PN 10	220/240 V	535	2,5	H (m)	6			6	5,2	4	3	2			EEI ≤ 0,20	52	4
DN 80	**EVOPLUS D 80/360.80 M**	60151023	360	DN80 PN 10	220/240 V	670	3	H (m)	8			8	6,7	5,4	4,2	3,2			EEI ≤ 0,20	57	4
DN 80	**EVOPLUS D 100/360.80 M**	60151024	360	DN80 PN 10	220/240 V	1005	4,5	H (m)	10				9,7	8,3	6,7	5,4	3		EEI ≤ 0,19	56	4
DN 80	**EVOPLUS D 120/360.80 M**	60151025	360	DN80 PN 10	220/240 V	1235	5,5	H (m)	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**	60151026	450	DN100 PN 10	220/240 V	530	2,5	H (m)	4					3,9	3	2			EEI ≤ 0,19	67,8	4
DN 100	**EVOPLUS D 60/450.100 M**	60151027	450	DN100 PN 10	220/240 V	760	3,5	H (m)	6					5,7	4,7	3,6	1,3		EEI ≤ 0,19	67,8	4
DN 100	**EVOPLUS D 80/450.100 M**	60151028	450	DN100 PN 10	220/240 V	1080	4,8	H (m)	8					8	7,2	5,7	3,4		EEI ≤ 0,20	68	4
DN 100	**EVOPLUS D 100/450.100 M**	60151029	450	DN100 PN 10	220/240 V	1380	6	H (m)	10,1					10,1	9,2	7,6	4,9	0,7	EEI ≤ 0,20	68	2
DN 100	**EVOPLUS D 120/450.100 M**	60151030	450	DN100 PN 10	220/240 V	1560	7	H (m)	12,2					11,8	10,4	8,7	5,9	1,5	EEI ≤ 0,20	67,8	2

TECHNICAL DATA - SPECIAL VERSION *TWIN FLANGED **PN 16***

	MODEL	CODE	CENTRE DISTANCE mm	COUNTERFL. ON REQUEST	ELECTRICAL DATA VOLTAGE 50/60 Hz	P1 MAX W	In A	HYDRAULIC DATA Q m³/h	0	18	24	30	36	42	54	72	EEI PART 2	WEIGHT KG	Q.TY x PALLET
								l/min	0	300	400	500	600	700	900	1200			
DN 80	**EVOPLUS D 40/360.80 M**	60153028	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
DN 80	**EVOPLUS D 60/360.80 M**	60153029	360	DN80 PN 16	220/240 V	535	2,5	H (m)	6	6	5,2	4	3	2			EEI ≤ 0,20	52	4
DN 80	**EVOPLUS D 80/360.80 M**	60153030	360	DN80 PN 16	220/240 V	670	3	H (m)	8	8	6,7	5,4	4,2	3,2			EEI ≤ 0,20	57	4
DN 80	**EVOPLUS D 100/360.80 M**	60153031	360	DN80 PN 16	220/240 V	1005	4,5	H (m)	10		9,7	8,3	6,7	5,4	3		EEI ≤ 0,19	56	4
DN 80	**EVOPLUS D 120/360.80 M**	60153032	360	DN80 PN 16	220/240 V	1235	5,5	H (m)	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**	60153033	450	DN100 PN 16	220/240 V	530	2,5	H (m)	4			3,9	3	2			EEI ≤ 0,19	67,8	4
DN 100	**EVOPLUS D 60/450.100 M**	60153034	450	DN100 PN 16	220/240 V	760	3,5	H (m)	6			5,7	4,7	3,6	1,3		EEI ≤ 0,19	67,8	4
DN 100	**EVOPLUS D 80/450.100 M**	60153035	450	DN100 PN 16	220/240 V	1080	4,8	H (m)	8			8	7,2	5,7	3,4		EEI ≤ 0,20	68	4
DN 100	**EVOPLUS D 100/450.100 M**	60153036	450	DN100 PN 16	220/240 V	1380	6	H (m)	10,1			10,1	9,2	7,6	4,9	0,7	EEI ≤ 0,20	68	2
DN 100	**EVOPLUS D 120/450.100 M**	60153037	450	DN100 PN 16	220/240 V	1560	7	H (m)	12,2			11,8	10,4	8,7	5,9	1,5	EEI ≤ 0,20	67,8	2

VA
WET ROTOR CIRCULATORS

ONLY FOR EXTRA MARKETS EU

CE

HEATING AND AIR CONDITIONING SYSTEMS

Single body consisting of a cast iron hydraulic unit. Die-cast aluminium motor casing. Technopolymer impeller. Tempered stainless steel driving shaft mounted on graphite brushings 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 m^3/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, non viscous, chemically neutral, close to the characteristics of water (max 30% glycol).
Maximum working pressure: 10 bar (1000 kPa).
Protection level: corresponding to 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

ACCESSORIES PAG. 63

TECHNICAL DATA - VA *SINGLE WITH UNIONS*

MODEL	CODE	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 m^3/h l/min	0	0,6	1,2	1,8	2,4	3	4,2		
									0	10	20	30	40	50	70		
VA 25/130	60112896	130	11/2" G	1x230 V	43	0,19	B		2,71	2,45	2,15	1,75	1,2	0,6		2.7	240
VA 25/180	60112900	180	11/2" 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	60112902	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	60112903	130	11/2" 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"	60112904	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	60112915	180	11/2" 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	60112931	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	60112936	130	11/2" G	1x230 V	70	0,30	B	H (m)	5,4	4,7	4,5	3,3	2,6	1,75	0,85	2.7	240
VA 55/130 1/2"	60112938	130	1" G	1x230 V	70	0,30	B		5,4	4,7	4,5	3,3	2,6	1,75	0,85	2.6	240
VA 55/180	60112948	180	11/2" G	1x230 V	70	0,30	B		5,4	4,7	4,5	3,3	2,6	1,75	0,85	2.8	180
VA 55/180 X	60112957	180	2" G	1x230 V	70	0,30	B		5,4	4,7	4,5	3,3	2,6	1,75	0,85	2.9	180
VA 65/130	60112962	130	11/2" 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"	60112966	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	60112985	130	11/2" 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	60112988	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

ONLY FOR EXTRA EU MARKETS

CE

HEATING, AIR CONDITIONING

Pump body in cast iron and motor casing in die-cast aluminium. Technopolymer impeller and tempered stainless steel driving shaft mounted on graphite brushings 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 level: 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

ACCESSORIES | PAG. 63

TECHNICAL DATA - A *SINGLE WITH UNIONS*

MODEL	CODE	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 l/min	0	0,6	1,2	1,8	2,4	3	4,2	7,2	12	
							H (m)	0	10	20	30	40	50	70	120	200	
A 50/180 M	505803001	180	11/2"G	1 x 230 V ~	195	0,95		5,7	5,6	5,4	5,3	5,1	4,8	4,2	2,6		5,3	115
A 50/180 XM	505802041	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		5,0	115
A 50/180 T	505803601	180	11/2"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
A 50/180 XT	505802671	180	2"G	3x400 V ~	201	0,50		5,9	5,85	5,8	5,6	5,5	5,2	4,6	2,9		5,3	115
A 56/180 M	505805001	180	11/2"G	1 x 230 V ~	287	1,30		6,35	6,3	6,2	6,18	6	5,9	5,5	4,2	1,2	5,3	115
A 56/180 XM	505804041	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
A 56/180 T	505805601	180	11/2"G	3x400 V ~	294	0,60		6,42	6,42	6,41	6,4	6,4	6,4	6,1	4,8		5,3	115
A 56/180 XT	505804671	180	2"G	3x400 V ~	291	0,60		6,4	6,3	6,2	6,1	6	5,9	5,7	4,4		5,2	115
A 80/180 M	505807001	180	11/2"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
A 80/180 XM	505806041	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
A 80/180 T	505807601	180	11/2"G	3x400 V ~	271	0,57		8,2	7,9	7,6	7,3	7	6,8	6,1	3,7		5,3	115
A 80/180 XT	505806671	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
A 110/180 M	505808001	180	11/2"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
A 110/180 XM	505809001	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
A 110/180 T	505808601	180	11/2"G	3x400 V ~	403	0,90		11,3	11	10,8	10,5	10	9,8	8,9	6,6		5,2	54
A 110/180 XT	505809601	180	2"G	3x400 V ~	403	0,90		11,3	11	10,8	10,5	10	9,8	9,2	7	1,6	5,2	54

TECHNICAL DATA - B *SINGLE WITH FLANGES*

MODEL	CODE	CENTRE DISTANCE mm	PUMP COUPLINGS	ELECTRICAL DATA			HYDRAULIC DATA									WEIGHT KG	Q.TY x PALLET
				VOLTAGE 50 Hz	P1 MAX W	In A	Q m^3/h l/min	0	0,6	1,2	1,8	2,4	3	4,2	7,2	12	
								0	10	20	30	40	50	70	120	200	
B 50/250.40 M	505812041	250	DN 40	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		9,1	42
B 50/250.40 T	505812671	250	DN 40	3x400 V ~	201	0,50		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	250	DN 40	1 x 230 V ~	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	250	DN 40	3x400 V ~	291	0,60		6,4	6,3	6,2	6,1	6	5,9	5,7	4,4		9,2	42
B 80/250.40 M	505816041	250	DN 40	1 x 230 V ~	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	250	DN 40	3x400 V ~	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	250	DN 40	1 x 230 V ~	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	250	DN 40	3x400 V ~	403	0,90		11,3	11	10,8	10,5	10	9,8	9,2	7	1,6	9,3	42

TECHNICAL DATA - D *TWIN WITH FLANGES*

MODEL	CODE	CENTRE DISTANCE mm	PUMP COUPLINGS	ELECTRICAL DATA			HYDRAULIC DATA									WEIGHT KG	Q.TY x PALLET
				VOLTAGE 50 Hz	P1 MAX W	In A	Q m^3/h l/min	0	0,6	1,2	1,8	2,4	3	4,2	7,2	12	
								0	10	20	30	40	50	70	120	200	
D 50/250.40 M	505822041	250	DN 40 - PN 10	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		15,3	24
D 50/250.40 T	505822671	250	DN 40 - PN 10	3x400 V ~	201	0,50		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	250	DN 40 - PN 10	1 x 230 V ~	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	250	DN 40 - PN 10	3x400 V ~	291	0,60		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	250	DN 40 - PN 10	1 x 230 V ~	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	250	DN 40 - PN 10	3x400 V ~	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	250	DN 40 - PN 10	1 x 230 V ~	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	250	DN 40 - PN 10	3x400 V ~	403	0,90		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

ONLY FOR EXTRA EU MARKETS

CE

HEATING AND AIR CONDITIONING SYSTEMS

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 - 230V, 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: IP 44 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, non viscous, chemically neutral, close to the characteristics of water (max. glycol 30%).
Maximum operating 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

ACCESSORIES PAG. 63

TECHNICAL DATA - *SINGLE WITH FLANGES*

BMH 1400 1/min.
BPH 2800 1/min.

MODEL	CODE	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		
							l/min	0	30	40	50	70	90	120	160	200	240	300	400	500	600	700	900	1200		
BMH 30/250.40T	505900622	250	DN 40	3 x 230 V ~	100	0,48		3,3	3,1	2,95	2,85	2,5	2,1	1,15											17,5	24
				3 x 400 V ~	192	0,78																				
BPH 60/250.40M	505904002	250	DN 40	1 x 230 V ~	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	250	DN 40	3 x 230 V ~	253	0,81		7,65	7,4	7,3	7,2	6,8	6,4	5,45	3,9	2,25									17,5	24
				3 x 400 V ~	348	0,99																				
BPH 120/250.40M	505907002	250	DN 40	1 x 230 V ~	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	250	DN 40	3 x 230 V ~	395	1,2		12		11	10,7	10,1	9,5	8,4	6,8	4,7	2,2								17,5	24
				3 x 400 V ~	5,36	1,16																				
BMH 30/280.50T	505920622	280	DN 50	3 x 230 V ~	148	0,7		3,15		3,02	3	2,93	2,85	2,65	2,3	1,75	1,2								24	24
				3 x 400 V ~	255	1,12																				
BMH 60/280.50T	505923622	280	DN 50	3 x 230 V ~	272	0,94		5,83		5,65	5,6	5,49	5,35	5,1	4,75	4,2	3,65	2,62							24	24
				3 x 400 V ~	410	1,2																				
BPH 60/280.50M	505924002	280	DN 50	1 x 230 V ~	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	280	DN 50	3 x 230 V ~	464	1,35		7,95		7,75	7,7	7,6	7,5	7,35	6,92	6,45	5,85	4,65	2,4						24	24
				3 x 400 V ~	589	1,31																				
BPH 120/280.50M	505927002	280	DN 50	1 x 230 V ~	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	280	DN 50	3 x 230 V ~	683	1,95		11,7				11,3	11	10,75	10,25	9,6	8,9	7,75	5,4	2,6					26	24
				3 x 400 V ~	898	1,67																				
BPH 150/280.50T	505928622	280	DN 50	3 x 230 V ~	1130	3,22		15				14,6	14,4	14	13,6	12,7	11,8	10,5	7,5						26	24
				3 x 400 V ~	1470	2,9																				
BPH 180/280.50T	505929622	280	DN 50	3 x 230 V ~	1230	3,5	H	18,4						17,4	17	16,4	15,6	14,4	12	8,8	5,2				26	24
				3 x 400 V ~	1630	3	(m)																			
BMH 30/340.65T	505940622	340	DN 65	3 x 230 V ~	170	0,73		3,15				3,09	3,02	2,98	2,85	2,55	2,25	1,65							27,5	12
				3 x 400 V ~	270	1,12																				
BMH 60/340.65T	505943622	340	DN 65	3 x 230 V ~	295	1		5,4				5,15	5,05	4,9	4,7	4,45	4,1	3,45	2,25						27,5	12
				3 x 400 V ~	445	1,2																				
BPH 60/340.65M	505944002	340	DN 65	1x230 V ~	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	340	DN 65	3 x 230 V ~	582	1,67		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
				3 x 400 V ~	756	1,5																				
BPH 120/340.65T	505947622	340	DN 65	3 x 230 V ~	1001	2,85		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
				3 x 400 V ~	1275	2,64																				
BPH 150/340.65T	505948622	340	DN 65	3 x 230 V ~	1345	3,8		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
				3 x 400 V ~	1796	3,25																				
BPH 180/340.65T	505949622	340	DN 65	3 x 230 V ~	1730	4,85		17,9						17,8	17,7	17,5	17,3	16,8	15,7	14,1	12,1	10			32,5	12
				3 x 400 V ~	2760	4,2																				
BMH 30/360.80T	505960122	360	DN 80	3 x 230 V ~	313	1,05		3,9						3,85	3,8	3,75	3,65	3,48	3,1	2,45	1,75				31	12
				3 x 400 V ~	484	1,23																				
BMH 60/360.80T	505963122	360	DN 80	3 x 230 V ~	535	1,82		5,7						5,66	5,61	5,59	5,5	5,4	5	4,55	3,9	3,1			40	12
				3 x 400 V ~	763	2,04																				
BPH 120/360.80T	505967122	360	DN 80	3 x 230 V ~	1410	3,95		11,8						11,65	11,58	11,5	11,4	11,25	10,75	10,2	9,39	8,37	5,65		40	12
				3 x 400 V ~	1820	3,3																				
BPH 150/360.80T*	505968122	360	DN 80	3 x 230 V ~	1984	5,62		15,3						15,1	15,06	14,99	14,92	14,75	14,5	14	13,4	12,4	10,3	6	40	12
				3 x 400 V ~	2870	4,64																				
BPH 180/360.80T	505969122	360	DN 80	3 x 230 V ~	1670	4,7		17,5						17,4	17,25	17,1	16,8	16,25	15	13,7	12	10,1	5,5		40	12
				3 x 400 V ~	2310	4																				

* model available for all markets

BPH - BMH - DPH - DMH

WET ROTOR CIRCULATORS

TECHNICAL DATA - *TWIN WITH FLANGES*

DMH 1400 1/min.
DPH 2800 1/min.

MODEL	CODE	CENTRE DISTANCE mm	PUMP COUPLINGS	ELECTRICAL DATA			HYDRAULIC DATA																			WEIGHT KG	Q.TY x PALLET
				VOLTAGE 50 Hz	P1 MAX W	In A	Q m^3/h l/min	0	1,8	2,4	3	4,2	5,4	7,2	9,6	12	14,4	18	24	30	36	42	54	72		
								0	30	40	50	70	90	120	160	200	240	300	400	500	600	700	900	1200		
DMH 30/250.40 T	505910622	250	DN 40	3 x 230 V ~	100	0,48		3,3	3,1	2,95	2,85	2,5	2,1	1,15												32	12
				3 x 400 V ~	192	0,78																					
DPH 60/250.40 M	505914002	250	DN 40	1 x 230 V ~	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	250	DN 40	3 x 230 V ~	253	0,81		7,65	7,4	7,3	7,2	6,8	6,4	5,45	3,9	2,25										32	12
				3 x 400 V ~	348	0,99																					
DPH 120/250.40 M	505917002	250	DN 40	1 x 230 V ~	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	250	DN 40	3 x 230 V ~	395	1,2		12		11	10,7	10,1	9,5	8,4	6,8	4,7	2,2									32	12
				3 x 400 V ~	5,36	1,16																					
DMH 30/280.50 T	505930622	280	DN 50	3 x 230 V ~	148	0,7		3,15		3,02	3	2,93	2,85	2,65	2,3	1,75	1,2									51,5	8
				3 x 400 V ~	255	1,12																					
DMH 60/280.50 T	505933622	280	DN 50	3 x 230 V ~	272	0,94		5,83		5,65	5,6	5,49	5,35	5,1	4,75	4,2	3,65	2,62								44,5	8
				3 x 400 V ~	410	1,2																					
DPH 60/280.50 M	505934002	280	DN 50	1 x 230 V ~	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	280	DN 50	3 x 230 V ~	464	1,35		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
				3 x 400 V ~	589	1,31																					
DPH 120/280.50M	505937002	280	DN 50	1 x 230 V ~	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	280	DN 50	3 x 230 V ~	683	1,95		11,7				11,3	11	10,75	10,25	9,6	8,9	7,75	5,4	2,6						49	8
				3 x 400 V ~	898	1,67																					
DPH 150/280.50T	505938622	280	DN 50	3 x 230 V ~	1130	3,22		15				14,6	14,4	14	13,6	12,7	11,8	10,5	7,5							49	8
				3 x 400 V ~	1470	2,9																					
DPH 180/280.50T	505939622	280	DN 50	3 x 230 V ~	1230	3,5	H (m)	18,4						17,4	17	16,4	15,6	14,4	12	8,8	5,2					49	8
				3 x 400 V ~	1630	3																					
DMH 30/340.65 T	505950622	340	DN65	3 x 230 V ~	170	0,73		3,15				3,09	3,02	2,98	2,85	2,55	2,25	1,65								57	8
				3 x 400 V ~	270	1,12																					
DMH 60/340.65 T	505953622	340	DN65	3 x 230 V ~	295	1		5,4				5,15	5,05	4,9	4,7	4,45	4,1	3,45	2,25							50	8
				3 x 400 V ~	445	1,2																					
DPH 60/340.65 M	505954002	340	DN65	1 x 230 V ~	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	340	DN65	3 x 230 V ~	582	1,67		7,4				7,35	7,3	7,24	7,1	6,9	6,65	6,15	4,9	3,3	1,4					50	8
				3 x 400 V ~	756	1,5																					
DPH 120/340.65 T	505957622	340	DN65	3 x 230 V ~	1001	2,85		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
				3 x 400 V ~	1275	2,64																					
DPH 150/340.65 T	505958622	340	DN65	3 x 230 V ~	1345	3,8		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
				3 x 400 V ~	1796	3,25																					
DPH 180/340.65 T	505959622	340	DN65	3 x 230 V ~	1730	4,85		17,9						17,8	17,7	17,5	17,3	16,8	15,7	14,1	12,1	10				59	8
				3 x 400 V ~	2760	4,2																					
DMH 30/360.80 T	505970122	360	DN80	3 x 230 V ~	313	1,05		3,9						3,85	3,8	3,75	3,65	3,48	3,1	2,45	1,75					54,5	8
				3 x 400 V ~	484	1,23																					
DMH 60/360.80 T	505973122	360	DN80	3 x 230 V ~	535	1,82		5,7						5,66	5,61	5,59	5,5	5,4	5	4,55	3,9	3,1				72	8
				3 x 400 V ~	763	2,04																					
DPH 120/360.80 T	505977122	360	DN80	3 x 230 V ~	1410	3,95		11,8						11,65	11,58	11,5	11,4	11,25	10,75	10,2	9,39	8,37	5,65			72	8
				3 x 400 V ~	1820	3,3																					
DPH 150/360.80 T*	505978122	360	DN80	3 x 230 V ~	1984	5,62		15,3						15,1	15,06	14,99	14,92	14,75	14,5	14	13,4	12,4	10,3	6		72	8
				3 x 400 V ~	2870	4,64																					
DPH 180/360.80 T	505979122	360	DN80	3 x 230 V ~	1670	4,7		17,5						17,4	17,25	17,1	16,8	16,25	15	13,7	12	10,1	5,5			72	8
				3 x 400 V ~	2310	4																					

* model available for all markets

EVOTRON

EVOTRON SOL
WET ROTOR ELECTRONIC CIRCULATORS

ErP ready

SOLAR PANEL AND GEOTHERMAL HEATING SYSTEMS

Thanks to the advanced technology employed, **the permanent magnet synchronous motor,** and **the frequency converter**, the new range of **EVOTRON SOL** circulators ensures high efficiency in all applications, bringing appreciable benefits in terms of energy saving. That's why the entire series of **EVOTRON SOL** circulators is in line with the European directive 2009/125/Erp EC (first EuP) and is ready to satisfy the requirements of the same rule entered into effect by 2015 (**EEI ≤ 0,23**).
The circulator features an electronic device that detects the changes demanded by the heating system and automatically adapts circulator performance accordingly, always ensuring optimal efficiency and minimum energy consumption. Straightforward operation and an easy-to-ready control panel with display that shows the selected setting at each moment of operation.
Improved and optimized energy consumption overnight (SMART SLEEP Function). Supplied with a special connector that enables simple and quick electrical Connections on installation.
Supplied with an insulation housing kit which adds significantly reducing in heat dispersion.

Operating range: from 0,4 to 4,2 m³/h with head of up to a 8 mt
Liquid temperature range: from -10°C a +110°C
Maximum working pressure: 10 bar (1000 kPa)
Protection rating: IP X4
Insulation class: F
Installation: with HORIZONTAL MOTOR SHAFT
Standard voltage input: single-phase 1 x 230 V / 50 / 60 Hz
Liquid quality requirements: clean, free of solids and mineral oils, non-viscous,chemically neutral and approximating the properties of water

ACCESSORIES PAG. 63

TECHNICAL DATA

MODEL	CODE	CENTRE DISTANCE mm	PUMP COUPLINGS	UNIONS ON REQUEST	ELECTRICAL DATA			HYDRAULIC DATA *						EEI ** PART 2	WEIGHT Kg	Q.TY x PALLET
					VOLTAGE 50/60 Hz	P1 RANGE W	In A	Q=m³h	0	0,6	1,2	1,8	2,4			
								Q=l/min	0	10	20	30	40			
EVOTRON 40/130 SOL	60143369	130	1"½	Brass ½" F - ¾" M - 1" F Copper ø 22 - ø 28	1x230 V	4 - 23	0,05 - 0,19	H (m)	4	3,2	2,3	1,7	1,1	EEI ≤ 0,19	3.2	120
EVOTRON 40/180 SOL	60143375	180	1"½	Brass ½" F - ¾" M - 1" F Copper ø 22 - ø 28	1x230 V	4 - 23	0,05 - 0,19		4	3,2	2,3	1,7	1,1	EEI ≤ 0,19	3.3	120
EVOTRON 60/130 SOL	60143370	130	1"½	Brass ½" F - ¾" M - 1" F Copper ø 22 - ø 28	1x230 V	4 -43	0,05 - 0,32		6	5,6	4,5	3,5		EEI ≤ 0,20	3.2	120
EVOTRON 60/180 SOL	60143376	180	1"½	Brass ½" F - ¾" M - 1" F Copper ø 22 - ø 28	1x230 V	4 - 43	0,05 - 0,37		6	5,6	4,5	3,5		EEI ≤ 0,21	3.3	120
EVOTRON 80/130 SOL	60143371	130	1"½	Brass ½" F - ¾" M - 1" F Copper ø 22 - ø 28	1x230 V	4 - 64	0,05 - 0,56		8	7,8	6	4,8	3,9	EEI ≤ 0,22	3.2	120
EVOTRON 80/180 SOL	60143377	180	1"½	Brass ½" F - ¾" M - 1" F Copper ø 22 - ø 28	1x230 V	4 - 64	0,05 - 0,56		8	7,8	6	4,8	3,9	EEI ≤ 0,23	3.3	120

* Hydraulic values are assumed at maximum speed.
** The parameter of reference for the more efficient circulators is EEI ≤ 0,20

EVOTRON

EVOTRON SAN

WET ROTOR ELECTRONIC CIRCULATORS

CE

HOT WATER SYSTEMS

Thanks to the advanced technology employed, **the permanent magnet synchronous motor**, and **the frequency converter**, the new range of **EVOTRON SAN** circulators ensures high efficiency in all applications, bringing appreciable benefits in terms of energy saving. That's why the entire series of **EVOTRON SAN** circulators is in line with the European directive 2009/125/Erp EC (first EuP) and is ready to satisfy the requirements of the same rule entered into effect by 2015 (**EEI** $\leq$ **0,23**). The circulator features an electronic device that detects the changes demanded by the heating system and automatically adapts circulator performance accordingly, always ensuring optimal efficiency and minimum energy consumption. Straightforward operation and an easy-to-ready control panel with display that shows the selected setting at each moment of operation. Improved and optimized energy consumption overnight (SMART SLEEP Function). Supplied with a special connector that enables simple and quick electrical Connections on installation. Supplied with an insulation housing kit which adds significantly reducing in heat dispersion.

Operating range:
from 0,4 to 4,2 m^3/h with head of up to a 8 mt
Liquid temperature range: from -10°C a +110°C
Maximum working pressure: 10 bar (1000 kPa)
Protection rating: IP 44
Insulation class: F
Installation: with HORIZONTAL MOTOR SHAFT
Standard voltage input:
single-phase 1 x 230 V / 50 / 60 Hz
Liquid quality requirements: clean, free of solids and mineral oils, non-viscous, chemically neutral and approximating the properties of water.

ACCESSORIES PAG. 63

TECHNICAL DATA

MODEL	CODE	CENTRE DISTANCE mm	PUMP COUPLINGS	UNIONS ON REQUEST	ELECTRICAL DATA			HYDRAULIC DATA *							WEIGHT Kg	Q.TY x PALLET
					VOLTAGE 50/60 Hz	P1 MAX W	In A	Q=m^3h	0	0,6	1,2	1,8	2,4	3	4,2	
								Q=l/min	0	10	20	30	40	50	70	
EVOTRON 40/150 SAN	60143366	150	1"½	Brass ½" F - ¾" M - 1" F Copper ø 22 - ø 28	1x230 V	5 - 27	0,05 - 0,26	H (m)	4	3,2	2,3	1,7	1,1			3.0	120
EVOTRON 60/150 SAN	60143367	150	1"½	Brass ½" F - ¾" M - 1" F Copper ø 22 - ø 28	1x230 V	5 - 43	0,05 - 0,60		6	5,6	4,5	3,5	2,6	1,8		3.0	120
EVOTRON 80/150 SAN	60143368	150	1"½	Brass ½" F - ¾" M - 1" F Copper ø 22 - ø 28	1x230 V	5 - 66	0,06 - 0,60		8	7,8	6	4,8	3,9	3,1	1,6	3.0	120

* Hydraulic values are assumed at maximum speed.

EVOPLUS SMALL SAN

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

WRAS APPROVED PRODUCT

HOT WATER SYSTEMS

Circulator for domestic hot water systems of the closed circuit pressurized type or open circuit type. Bronze pump body. Motor casing in die-cast aluminium. Technopolymer impeller. Ceramic motor shaft mounted on graphite bushings lubricated by the pumped liquid. Stainless steel rotor sleeve, stator sleeve and closing flange. Ceramic thrust ring, ethylene propylene sealing rings. Synchronous motor with permanent magnet rotor.

Operating range:
from 2 to 12 m3/h with head up to 11 meters.
Liquid temperature range:
from -10 °C to 110 °C.
Pumped liquid: clean, free from solids and mineral oils, not viscous, chemically neutral, close to the properties of water.
Maximum working pressure: 16 bar (1600 kPA).
Protection rating: IP 44.
Insulation class: F.
Installation: with horizontal motor shaft.

ACCESSORIES PAG. 63

TECHNICAL DATA - *SINGLE UNIONS*

MODEL	CODE	CENTRE DISTANCE mm	PUMP COUPLINGS	UNIONS ON REQUEST		ELECTRICAL DATA			HYDRAULIC DATA								WEIGHT Kg
				STANDARDISED	SPECIAL	VOLTAGE 50/60 Hz	P1 MAX W	In A	Q m³/h l/min	0 0	2,4 40	3 50	4,2 70	5,4 90	7,2 120	9,6 160	
EVOPLUS 40/180 SAN M	60151144	180	1" ½	1" F	1/2" F - 3/4" F - UNION KIT TO BE WELDED Ø 22 / Ø 28	220/240 V	70	0,52	H (m)	4,2	4,2	4	3,1	2,4			4,5
EVOPLUS 60/180 SAN M	60151145	180	1" ½	1" F	1/2" F - 3/4" F - UNION KIT TO BE WELDED Ø 22 / Ø 28	220/240 V	100	0,72		6,1	6,1	5,8	4,6	3,4			4,5
EVOPLUS 80/180 SAN M	60151146	180	1" ½	1" F	1/2" F - 3/4" F - UNION KIT TO BE WELDED 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 110/180 SAN M	60151147	180	1" ½	1" F	1/2" F - 3/4" F - UNION KIT TO BE WELDED Ø 22 / Ø 28	220/240 V	170	1,16		11,1	10,1	9,2	7,5	5,9	3,9		4,5

TECHNICAL DATA - *SINGLE WITH FLANGES*

	MODEL	CODE	CENTRE DISTANCE mm	UNIONS ON REQUEST	ELECTRICAL DATA			HYDRAULIC DATA								WEIGHT Kg
					VOLTAGE 50/60 Hz	P1 MAX W	In A	Q m³/h l/min	0 0	2,4 40	3 50	4,2 70	5,4 90	7,2 120	9,6 160	
DN 32	**EVOPLUS B 40/220.32 SAN M**	60151148	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
DN 32	**EVOPLUS B 60/220.32 SAN M**	60151151	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
DN 32	**EVOPLUS B 80/220.32 SAN M**	60151152	220	DN 32 PN 6	220/240 V	150	0,97		8	8	7,3	6	4,9	3,3		8,6
DN 32	**EVOPLUS B 110/220.32 SAN M**	60151153	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 B 40/250.40 SAN M**	60151154	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
DN 40	**EVOPLUS B 60/250.40 SAN M**	60151155	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
DN 40	**EVOPLUS B 80/250.40 SAN M**	60151157	250	DN 40 PN 10	220/240 V	140	0,97		8	8	7,3	6	4,9	3,3		9,3
DN 40	**EVOPLUS B 110/250.40 SAN M**	60151158	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

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

HOT WATER SYSTEMS

Circulator for domestic hot water systems of the closed circuit pressurized type or open circuit type. Bronze pump body. Motor casing in die-cast aluminium. Technopolymer impeller. Steel motor shaft mounted on ceramic bushings lubricated by the pumped liquid. Stainless steel rotor sleeve and closing flange, stator sleeve in carbon fibre composite. Ceramic thrust ring, ethylene propylene sealing rings. Synchronous motor with permanent magnet rotor.

Operating range:
from 2 to 12 m3/h with head up to 11 meters.
Liquid temperature range:
from -10 °C to 110 °C.
Pumped liquid: clean, free from solids and mineral oils, not viscous, chemically neutral, close to the properties of water.
Maximum working pressure: 16 bar (1600 kPA).
Protection rating: IP 44.
Insulation class: F.
Installation: with horizontal motor shaft.

ACCESSORIES | PAG. 63

TECHNICAL DATA - *SINGLE WITH FLANGES*

	MODEL	CODE	CENTRE DISTANCE mm	COUNTERFL. ON REQUEST	ELECTRICAL DATA			HYDRAULIC DATA												WEIGHT KG
					VOLTAGE 50/60 Hz	P1 MAX W	In A	Q m^3/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	
DN 32	EVOPLUS B 120/220.32 SAN M	60151163	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 B 120/250.40 SAN M	60151164	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 B 150/250.40 SAN M	60151165	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 B 180/250.40 SAN M	60151166	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 B 100/280.50 SAN M	60151167	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 B 120/280.50 SAN M	60151169	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 B 150/280.50 SAN M	60151170	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 B 180/280.50 SAN M	60151171	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 B 40/340.65 SAN M	60151172	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 B 60/340.65 SAN M	60151173	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 B 80/340.65 SAN M	60151176	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 B 100/340.65 SAN M	60151177	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 B 120/340.65 SAN M	60151178	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 B 150/340.65 SAN M	60151179	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

VS
WET ROTOR CIRCULATORS

HOT WATER SYSTEMS

Pump for hot water circulation in hot water domestic systems of the closed and pressurised or open tank type. Also suitable for solar power systems.
Single body formed of the bronze hydraulic unit. Die-cast aluminium motor casing. Technopolymer impeller. Ceramic driving shaft mounted on graphite brushings 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.
The two-pole or four-pole asynchronous motor with wet rotor is self-protected for resistance. **No overload protection required.**

Operating range: from 0.5 to 3,6 m³/h with head up to 6 metres.
Liquid temperature range:
from -10°C to +85°C (for sanitary use)
+110°C (for others use).
Pumped liquid characteristics: clean, free from solids and mineral oils, non viscous, chemically neutral, close to the characteristics of water (max 30% glycol).
Maximum working pressure: 10 bar (1000 kPa).
Protection level: IP 44
Insulation class: F
Cable grommet: PG 11
Installation: with motor axis horizontal.

ACCESSORIES PAG. 63

TECHNICAL DATA

MODEL	CODE	CENTRE DISTANCE mm	PUMP COUPLINGS	UNIONS ON REQUEST	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	5,4		
									Q=l/min	0	10	20	30	40	50	70	90		
VS 8/150 M	60112968	150	1 ½"	Brass 1/2" F - 3/4" F - 1" F Copper d22 e d28	1x230 V	22	0,14	B	H (m)	0,83	0,75	0,52	0,22					2,6	180
VS 16/150 M	60115297	150	1 ½"	Brass 1/2" F - 3/4" F - 1" F Copper d22 e d28	1x230 V	41	0,19	B		1,82	1,75	1,65	1,44	1,07	0,6			2,6	180
VS 35/150 M	60115298	150	1 ½"	Brass 1/2" F - 3/4" F - 1" F Copper d22 e d28	1x230 V	55	0,25	B		4,1	3,7	3,3	2,82	2,2	1,6	1,05		2,6	180
VS 65/150 M	60115299	150	1 ½"	Brass 1/2" F - 3/4" F - 1" F Copper d22 e d28	1x230 V	78	0,34	C		6	5,55	5,05	4,25	3,4	2,6	1,8	1,05	2,6	180

BV

ALME / ALPE

ELECTRONIC IN-LINE PUMPS

HEATING, AIR CONDITIONING, SOLAR PANEL AND HOT WATER SYSTEM

Circulator for hot or cold water with in-line ports, suitable for installation directly on the pipes in civil and industrial heating air conditioning, refrigeration, and domestic water systems. Extremely versatile thanks to the use of the **MCE/C** inverter, the circulator performance is such as to allow automatic adaptation to meet the various requirements of the system, while keeping pressure differentials unchanged.
Pump body and motor support in cast iron.
2" M-GAS inlet and outlet. Impeller in technopolymer, carbon/ceramic mechanical seal.
Four-pole totally enclosed asynchronous motor with external cooling for version **ALME** and two pole motor for version **ALPE**.
Rotor mounted on oversized greased sealed-for-life ball bearings to ensure silent running and long life.
Constructed following the CEI 2-3 standards.

Operating range: from 1 to 8.4 m³/h with head up to 21 meters.
Liquid temperature range: From -15 °C to +120°C.
Liquid quality requirements: clean, free from solid or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral, characteristics similar to water – maximum glycol percentage 30 % (for different glycol percentages, please contact the Technical Assistance Service).
Installation: fixed horizontally.
Maximum ambient temperature: +40°C
Maximum working pressure: 10 bar (1000 kPa)
Protection rating: IP 55
Insulation class: F

MCE/C PAG. 2
ACCESSORIES PAG. 63

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA									DNA GAS	DNM GAS	WEIGHT KG
		VOLTAGE 50/60 Hz	P2 NOMINAL		In A	Q=m³h	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			
ALME 500 M MCE11/C	60143227	1x230 V	0,25	0,33	3,2	H (m)	5,5	5,4	5,3	4,8	4,1	3	1,5		2" M	2" M	19,5
ALPE 2000 M MCE11/C	60143228	1x230 V	0,55	0,75	6,4		21,1	20,6	19,6	18	16	13,8	10,5	5,3	2" M	2" M	19,5

KLME/ KLPE - HEATING, AIR CONDITIONING, SOLAR PANEL AND HOT WATER SYSTEM

MODEL	P2 NOMINAL		Q (m^3/h) (l/min)	0	3,6	4,8	6	7,2	8,4	9,6	12	18	30	36	48
	kW	HP		0	60	80	100	120	140	160	200	300	500	600	800
KLPE 40- 600 M MCE11/C	0,37	0,5	H (m)	8,2		7,8	7,4	6,9	6,3	5,7	4				
KLPE 40-1200 M MCE11/C	0,55	0,75		13,7		13,2	12,6	11,9	11,2	10,4	8,4				
KLME 50-600 M MCE11/C	0,25	0,33		5,4		5,2	4,9	4,7	4,5	4,3	3,8	2			
KLPE 50-1200 M MCE11/C	0,75	1		12				11,8	11,6	11	10,5	8,6			
KLME 65-600 M MCE11/C	0,37	0,5		5,5					5,3	5	4,7	3,8			
KLPE 65-1200 M MCE11/C	1,1	1,5		12							11,6	11	8,8	6,7	
KLME 80-600 M MCE11/C	0,75	1		5,7								5,7	5	4,3	2,5
KLPE 80-1200 M MCE15/C	1,84	2,5		11,8									11,5	11	9,7

DKLME / DKLPE- HEATING, AIR CONDITIONING, SOLAR PANEL AND HOT WATER SYSTEM

MODEL	P2 NOMINAL		Q (m^3/h) (l/min)	0	2,4	3,6	4,8	6	7,2	8,4	9,6	12	14,4	16,8	18	24	30	36	48	60
	kW	HP		0	40	60	80	100	120	140	160	200	240	280	300	400	500	600	800	1000
DKLPE 40- 600 M MCE11/C	0,37	0,5	H (m)	8,2			7,2	6,7	6	5,4	4,7	2,9								
DKLPE 40-1200 M MCE11/C	0,55	0,75		13,6			11,8	11	10,3	9,4	8,5	6,4								
DKLME 50-600 M MCE11/C	0,25	0,33		5,4			4,7	4,4	4,2	3,8	3,5	2,8	2	1,2						
DKLPE 50-1200 M MCE11/C	0,75	1		12				11	10,5	10,2	9,8	9	8	7	6,4	3,3				
DKLME 65-600 M MCE11/C	0,37	0,5		5,5						4,7	4,5	4,1	3,8	3,4	3,2	2				
DKLPE 65-1200 M MCE11/C	1,1	1,5		12								11	10,6	10,2	10	86	7	4,8		
DKLME 80-600 M MCE11/C	0,75	1		5,7									5,4	5,2	5,1	4,6	3,9	3		
DKLPE 80-1200 M MCE15/C	1,84	2,5		11,8												10,4	9,7	8,7	6,4	3,9

KLME / KLPE / DKLME / DKLPE

ELECTRONIC IN-LINE PUMPS

HEATING, AIR CONDITIONING, SOLAR PANEL AND HOT WATER SYSTEM

Circulator for hot or cold water with in-line ports, suitable for installation directly on the pipes in civil and industrial heating air conditioning, refrigeration, and domestic water systems. Extremely versatile thanks to the use of the **MCE/C** inverter, the circulator performance is such as to allow automatic adaptation to meet the various requirements of the system, while keeping pressure differentials unchanged. Pump body and motor support in cast iron. PN 10 Flanged inlet and delivery mouths, fitted with threaded holes for pressure gauges. To facilitate interchangeability in existing installations, the pump is designed to accept PN 6 counterflanges. Impeller in technopolymer. Carbon/ceramic mechanical seal. The pumps are available both in the single version (**KLME-KLPE**) and in the twin version (**DKLME-DKLPE**). 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. In addition, a set of blank flanges is supplied for use when maintenance of one of the two motors is necessary. The twin version makes it possible to alternate operation of the pumps when the back-up unit is requested, or simultaneous operation of the two pumps. Four-pole totally enclosed asynchronous motor with fan-over cooling for versions **KLME** and **DKLME** and two pole motor for versions **KLPE** and **DKLPE**. Rotor mounted on oversized greased sealed-for-life ball bearings to ensure silent running and long life. Integral thermal and current overload protection. Constructed following the CEI 2-3 standards.

Operating range: from 0.4 to 5.4 m^3/h with head up to 13,7 meters.

Liquid temperature range: From -15 °C to +120°C.

Liquid quality requirements: clean, free from solid or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral, characteristics similar to water - maximum glycol percentage 30 % (for different glycol percentages, please contact the Technical Assistance Service).

Installation: normally horizontal or vertical provided the motor is always above the pump.

Maximum ambient temperature: +40°C

Maximum working pressure: 10 bar (1000 kPa)

Protection rating: IP 55

Insulation class: F

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

MCE/C PAG. 2

ACCESSORIES PAG. 63

TECHNICAL DATA - KLME/KLPE *SINGLE FLANGES WITH INVERTER MCE/C*

MODEL	FLANGE DIMENS. (mm)		POLES	VOLTAGE 50/60 Hz - 1x220-240 ~ V						VOLTAGE 50 Hz - 3x400 ~ V					
	DNA	DNM		CODE	MODEL MCE	P2 NOMINAL kW	P2 NOMINAL HP	In A	WEIGHT (Kg)	CODE	MODEL MCE	P2 NOMINAL kW	P2 NOMINAL HP	In A	WEIGHT (Kg)
KLPE 40- 600	40	40	2	60142750 *	MCE11/C	0,37	0,50	4,3	26						
KLPE 40-1200	40	40	4	60142224 *	MCE11/C	0,55	0,75	6,0	26						
KLME 50-600	50	50	4	60142751 *	MCE11/C	0,25	0,33	4,1	31						
KLPE 50-1200	50	50	2	60141862 *	MCE11/C	0,75	1,00	7,7	33						
KLME 65-600	65	65	4	60143475 *	MCE11/C	0,37	0,50	4,3	37						
KLPE 65-1200	65	65	2	60141861 *	MCE11/C	1,10	1,50	10,7	43	60144828	MCE30/C	1,10	1,50	3,9	58
KLME 80-600	80	80	4	60142752 *	MCE11/C	0,75	1,00	7,0	47						
KLPE 80-1200	80	80	2	60142212 *	MCE15/C	1,84	2,50	16,0	47	60146306 *	MCE30/C	1,84	2,50	4,8	52

*Available with proportional differential pressure regulation ΔP-v

TECHNICAL DATA - DKLME/DKLPE *TWIN FLANGES WITH INVERTER MCE/C*

MODEL	FLANGE DIMENS. (mm)		POLES	VOLTAGE 50/60 Hz - 1x220-240 ~ V						VOLTAGE 50 Hz - 3x400 ~ V					
	DNA	DNM		CODE	MODEL MCE	P2 NOMINAL kW	P2 NOMINAL HP	In A	WEIGHT (Kg)	CODE	MODEL MCE	P2 NOMINAL kW	P2 NOMINAL HP	In A	WEIGHT (Kg)
DKLPE 40- 600	40	40	2	60142753	MCE11/C	0,37	0,50	4,3	56						
DKLPE 40-1200	40	40	2	60141905 *	MCE11/C	0,55	0,75	6,0	61						
DKLME 50-600	50	50	4	60142759 *	MCE11/C	0,25	0,33	4,1	76						
DKLPE 50-1200	50	50	2	60142258 *	MCE11/C	0,75	1,00	7,7	88						
DKLME 65-600	65	65	4	60142761 *	MCE11/C	0,37	0,50	4,3	80						
DKLPE 65-1200	65	65	2	60141906 *	MCE11/C	1,10	1,50	11	99	60144099	MCE30/C	1,10	1,50	3,9	92
DKLME 80-600	80	80	4	60142763 *	MCE11/C	0,75	1,00	7,0	96						
DKLPE 80-1200	80	80	2	60141907 *	MCE15/C	1,84	2,50	16	98	60146305 *	MCE30/C	1,84	2,50	4,8	108

*Available with proportional differential pressure regulation ΔP-v

CME /CM-GE - *HEATING, AIR CONDITIONING, SOLAR PANEL AND HOT WATER SYSTEM*

MODEL	P2 NOMINAL		Q (m^3/h)	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	(l/min)	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
CME 40- 870 M MCE11/C	0,7	1		8,7	8,7	8,6	8,6	8,5	8,3	8,3	8,2	5																								
CME 40-1450 M MCE11/C	0,9	1,3							14,5	14,4	14,3	11,8	8																							
CME 40-1450 T MCE30/C	0,9	1,3							14,5	14,4	14,3	11,8	8																							
CME 50-1000 M MCE11/C	0,7	1						10,1	10	9,8	9,6	6,8																								
CME 50-1420 M MCE11/C	1,1	1,5									14,2	13	10	6																						
CME 50-1420 T MCE30/C	1,1	1,5									14,2	13	10	6																						
CM-GE 65- 660/A/BAQE/0.55 M MCE11/C	0,55	0,75		6,6							6,5	6,2	5,7	4,8																						
CM-GE 65- 920/A/BAQE/0.75 M MCE11/C	0,75	1		9,2							9,2	9	8,4	7,4	5,7																					
CM-GE 65- 920/A/BAQE/0.75 T MCE30/C	0,75	1		9,2							9,2	9	8,4	7,4	5,7																					
CM-GE 65-1200/A/BAQE/1.5 M MCE15/C	1,5	2		12								12	11,9	11,5	10,8	10,1	8,9																			
CM-GE 65-1200/A/BAQE/1.5 T MCE30/C	1,5	2		12								12	11,9	11,5	10,8	10,1	8,9																			
CM-GE 65-1680/A/BAQE/3 T MCE30/C	3	4		16,8								16,8	16,5	16,1	15,5	14,6	13,6	12,4	10,9																	
CM-GE 65-2380/A/BAQE/4 T MCE55/C	4	5,5		23,8								24	23,8	23,4	22,7	21,6	20,4	19	17,1																	
CM-GE 80- 650/A/BAQE/0.75 M MCE11/C	0,75	1		6,5								6,3	6,1	5,8	5,5	5	4,5	3,9																		
CM-GE 80- 650/A/BAQE/0.75 T MCE30/C	0,75	1		6,5								6,3	6,1	5,8	5,5	5	4,5	3,9																		
CM-GE 80- 890/A/BAQE/1.5 M MCE15/C	1,5	2		8,9									8,8	8,7	8,6	8,3	8	7,6	7,2	6,6	6															
CM-GE 80- 890/A/BAQE/1.5 T MCE30/C	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/A/BAQE/3 T MCE30/C	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/A/BAQE/4 T MCE55/C	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/A/BAQE/5.5 T MCE55/C	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/A/BAQE/7.5 T MCE110/C	7,5	10	H (m)	27													26	25,5	25	24,5	23,6	22,7	21,5	20,2	19											
CM-GE 80-3420/A/BAQE/11 T MCE110/C	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/A/BAQE/0.75 M MCE11/C	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- 510/A/BAQE/0.75 T MCE30/C	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/A/BAQE/2,2 M MCE22/C	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- 865/A/BAQE/2,2 T MCE30/C	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/A/BAQE/3 T MCE30/C	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/A/BAQE/4 T MCE55/C	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/A/BAQE/5,5 T MCE55/C	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/A/BAQE/7,5 T MCE110/C	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/A/BAQE/11 T MCE110/C	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/A/BAQE/15 T MCE150/C	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/A/BAQE/4 T MCE55/C	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/A/BAQE/5.5 T MCE55/C	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/A/BAQE/7.5 T MCE110/C	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/A/BAQE/11 T MCE110/C	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/A/BAQE/15 T MCE150/C	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/A/BAQE/5.5 T MCE55/C	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/A/BAQE/7.5 T MCE110/C	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/A/BAQE/11 T MCE150/C	11	15		16																						15,5	15,5	15,4	14,8	14	13	11,8	11	10,5	9,2	
CM-GE 150-1950/A/BAQE/15 T MCE150/C	15	20		19,5																						19,5	19,4	19,3	19,2	18,7	17,8	16,8	16	15,5	14,1	12,5

ELECTRONIC IN-LINE PUMPS
PERFORMANCE RANGE

DCME / DCM-GE - *HEATING, AIR CONDITIONING, SOLAR PANEL AND HOT WATER SYSTEM*

MODEL	P2 NOMINAL		Q (m³/h)	0	3	4,5	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114
	kW	HP	(l/min)	0	50	75	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900
DCME 40-620 M MCE11/C	0,3	0,3		6,3	6,2	6,0	5,8	3,0															
DCME 50-460 M MCE11/C	0,3	0,3		4,8			4,6	3,9	2,4														
DCME 50-880 M MCE11/C	0,5	0,7		9,1			8,8	7,7	5,9														
DCM-GE 65- 660/A/BAQE/0.55 M MCE11/C	0,55	0,75		6,5			6,4	5,9	4,4	3,1													
DCM-GE 65- 920/A/BAQE/0.75 M MCE11/C	0,75	1		9,1			9,1	8,8	7,4	5,8	3,5												
DCM-GE 65- 920/A/BAQE/0.75 T MCE30/C	0,75	1		9,1			9,1	8,8	7,8	6,4	4,5												
DCM-GE 65-1200/A/BAQE/1.5M MCE11/C	1,5	2		12,0				11,9	11,6	11,0	10,0	9,0	7,6										
DCM-GE 65-1200/A/BAQE/1.5 T MCE30/C	1,5	2		12,0				11,9	11,6	11,0	10,0	9,0	7,6										
DCM-GE 65-1680/A/BAQE/3 T MCE30/C	3	4		16,8				16,7	16,3	15,7	14,9	13,7	12,4	11,0	9,3								
DCM-GE 65-2380/A/BAQE/4 T MCE30/C	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/A/BAQE/0.75 M IE2 MCE11/C	0,75	1	H (m)	6,5				6,2	5,8	5,2	4,5	3,7	2,9	2,1									
DCM-GE 80- 650/A/BAQE/0.75 T MCE30/C	0,75	1		6,5				6,2	5,8	5,2	4,5	3,7	2,9	2,1									
DCM-GE 80- 890/A/BAQE/1.5 M MCE15/C	1,5	2		8,5						8,3	8,0	7,5	6,8	6,1	5,3	4,4	3,5						
DCM-GE 80- 890/A/BAQE/1.5 T MCE30/C	1,5	2		8,5						6,7	6,2	5,5	4,8	4,2	3,5	2,9	2,3						
DCM-GE 80-1530/A/BAQE/3T MCE30/C	3	4		14,4						14,1	13,7	13,0	12,2	11,3	10,2	9,2	8,0	6,8					
DCM-GE 80-1700/A/BAQE/4 T MCE30/C	4	5,5		16,0						15,7	15,5	15,3	14,6	14,0	13,2	12,3	11,2	10,0	8,9	7,7			
DCM-GE 80-2410/A/BAQE/5.5T MCE55/C	5,5	7,5		24,1								23,3	22,7	22,0	21,1	20,2	18,9	17,6	16,2				
DCM-GE 80-2700/A/BAQE/7.5 T MCE110/C	7,5	10		27,0								26,1	26,1	25,5	24,9	24,2	23,2	22,1	20,7	19,3	17,9		
DCM-GE 80-3420/A/BAQE/11 T MCE110/C	11	15		34,2								33,3	33,3	32,9	32,3	31,8	30,9	29,9	29,0	27,8	24,4	22,0	20,8
DCM-GE 100- 510/A/BAQE/0.75 M MCE11/C	0,75	1		4,9				4,8	4,7	4,6	4,5	4,0	3,7	3,2	2,6	2,1							
DCM-GE 100- 510/A/BAQE/0.75 T MCE30/C	0,75	1		4,9				4,8	4,7	4,6	4,5	4,0	3,7	3,2	2,6	2,1							

MODEL	P2 NOMINAL		Q (m³/h)	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	(l/min)	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/A/BAQE/1,5 M MCE22/C	1,5	2		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- 865/A/BAQE/1,5 T MCE30/C	1,5	2		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/A/BAQE/3 T MCE30/C	3	4		10,2	10,2	10,0	9,8	9,6	9,5	9,3	8,9	8,5	8,0	7,5	7,1	5,9	4,7	4,0								
DCM-GE 100-1320/A/BAQE/4 T MCE55/C	4	5,5		13,2			13,2	13,1	13,0	12,8	12,4	11,9	11,3	10,8	10,2	8,8	7,4	6,6									
DCM-GE 100-1650/A/BAQE/5,5T MCE55/C	5,5	7,5		16,5			16,5	16,4	16,3	16,0	15,8	15,5	14,9	14,4	13,7	12,4	10,8	10,0									
DCM-GE 100-2050/A/BAQE/7,5 T MCE110/C	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/A/BAQE/11 T MCE110/C	11	15		24,0					23,3	22,8	22,6	22,4	21,9	21,4	21,0	19,8	18,1	17,5									
DCM-GE 100-3290/A/BAQE/15 T MCE150/C	15	20		30,9					30,5	30,3	30,1	29,9	29,4	28,8	28,3	27,0	25,8	25,1	20,0								
DCM-GE 125-1075/A/BAQE/4 T MCE55/C	4	5,5	H (m)	10,0						9,5	9,4	9,2	9,0	8,7	8,4	7,7	6,8	6,5	4,4	2,4							
DCM-GE 125-1270/A/BAQE/5.5 T MCE55/C	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/A/BAQE/7.5 T MCE110/C	7,5	10		14,4						14,6	14,6	14,4	14,2	14,0	13,8	13,2	12,7	12,3	10,2	7,5	4,9						
DCM-GE 125-2100/A/BAQE/11 T MCE110/C	11	15		20,1										19,9	19,6	19,3	18,2	17,8	15,4	12,7							
DCM-GE 125-2550/A/BAQE/15 T MCE150/C	15	20		24,5										23,8	23,7	23,4	22,7	22,1	20,0	17,4	13,9						
DCM-GE 150- 955/A/BAQE/5.5 T IE2 MCE55/C	5,5	7,5		9,6														8,1	7,0	6,2	4,9	3,5	2,8				
DCM-GE 150-1322/A/BAQE/7.5T MCE110/C	7,5	10		11,8											11,5	11,5	11,4	11,0	10,0	8,5	7,2	6,0	5,5				
DCM-GE 150-1600/A/BAQE/11 T IE2 MCE110/C	11	15		14,8												14,2	14,2	14,0	13,4	12,5	11,4	10,1	9,4	8,8			
DCM-GE 150-1950/A/BAQE/15 T MCE150/C	15	20		18,1												17,9	17,8	17,7	17,5	16,9	15,9	14,8	14,0	13,5	10,5	8,9

CME / CM-GE / DCME / DCM-GE - 4 POLES

ELECTRONIC IN-LINE PUMPS

HEATING, AIR CONDITIONING, SOLAR PANEL AND HOT WATER SYSTEM

Circulation pumps with in-line ports, suitable for installation in heating and air conditioning, refrigeration, and domestic hot water systems. Extremely versatile thanks to the use of the **MCE/C** inverter, they offer performance capable of adapting automatically to the system's various demands while keeping pressure differentials unchanged. Available in single and twin version. PN 16 flanged inlet and delivery mouths, fitted with threaded holes for pressure gauges. Pump body and support in cast iron, impeller in cast iron or technopolymer depending on model (in bronze, on request, only from DN 65 to DN 150). Stainless steel drive shaft. Sealing device: standardised mechanical seal made to DIN 24960 in carbon / carborundum with O' rings in EPDM. 4-pole three-phase indication motor with external cooling. Rotor running on ball bearings, oversized to ensure low noise and durability.
Constructed following the CEI 2-3 standards.

Operating range: from 1.2 to 360 m³/h with head up to 34 meters.
Liquid temperature range:
from -10°C to + 130°C for DN 40 -50
from -10°C to + 140°C for rest of the range
Liquid quality requirements: clean, free from solids or abrasive substances, non viscous, non aggressive, non crystallised and chemically neutral and close to the characteristics of water.
Installation: Fixed, horizontal or vertical provided the motor is always above the pump.
Maximum ambient temperature: +40°C
Maximum working pressure: 16 bar
Protection rating: IP 55
Insulation Class: F
Flanging: PN 16
Counter-flanges on request: DN 40 - DN 50 - DN 65 - DN 80 - DN 100 - DN 125 - DN 150; PN 16.

MCE/C PAG. 2
ACCESSORIES PAG. 63

TECHNICAL DATA - CME/CM-GE *SINGLE FLANGES WITH INVERTER MCE/C*

MODEL	FLANGE DIMENS. (mm)		VOLTAGE 50/60 Hz - 1x220-240 ~ V						VOLTAGE 50 Hz - 3x400 ~ V					
	DNA	DNM	CODE	MODEL MCE	P2 NOMINAL kW	P2 NOMINAL HP	In A	WEIGHT (Kg)	CODE	MODEL MCE	P2 NOMINAL kW	P2 NOMINAL HP	In A	WEIGHT (Kg)
CME 40- 870	40	40	60142764 *	MCE11/C	0,75	1	10	45						
CME 40-1450	40	40	60142765 *	MCE11/C	0,9	1,2	10	35	60147374 *	MCE30/C	0,9	1,2	-	35
CME 50-1000	50	50	60142766 *	MCE11/C	0,75	1	5,6	51						
CME 50-1420	50	50	60142767 *	MCE11/C	1,1	1,5	11,3	40	60147375 *	MCE30/C	1,1	1,5	-	42,6
CM-GE 65-660	65	65	60142768 *	MCE11/C	0,55	0,8	7,3	62						
CM-GE 65 920	65	65	60142769 *	MCE11/C	0,75	1	9,8	64	60147494 *	MCE30/C	0,75	1	-	64
CM-GE 65 1200	65	65	60141877 *	MCE15/C	1,5	2	15,4	91	60145639 *	MCE30/C	1,5	2	-	91
CM-GE 65-1680	65	65							60141918 *	MCE30/C	3	4	6,6	101
CM-GE 65-2380	65	65							60142770 *	MCE55/C	4	5,5	9,5	115
CM-GE 80- 650	80	80	60142771 *	MCE11/C	0,75	1	9,8	67	60147495	MCE30/C	0,75	1	-	69,6
CM-GE 80- 890	80	80	60142772 *	MCE15/C	1,5	2	15,2	98	60145638	MCE30/C	1,5	2	-	98
CM-GE 80 1530	80	80							60142119 *	MCE30/C	3	4	8	134
CM-GE 80-1700	80	80							60142773 *	MCE55/C	4	5,5	8,9	147
CM-GE 80-2410	80	80							60142101 *	MCE55/C	5,5	7,5	13,8	175
CM-GE 80-2700	80	80							60141916	MCE110/C	7,5	10	18,6	205
CM-GE 80-3420	80	80							60142774 *	MCE110/C	11	15	28,1	222
CM-GE 100- 510	100	100	60142775 *	MCE11/C	0,75	1	9,7	104	60147496	MCE30/C	0,75	1	-	106,6
CM-GE 100- 865	100	100	60166446 *	MCE22/C	2,2	3	20,7	123	60166447	MCE30/C	2,2	3	6,4	126 n
CM-GE 100-1020	100	100							60142208 *	MCE30/C	3	4	8,1	118
CM-GE 100-1320	100	100							60142776 *	MCE55/C	4	5,5	10	150
CM-GE 100-1650	100	100							60142150 *	MCE55/C	5,5	7,5	14,6	172
CM-GE 100-2050	100	100							60142777	MCE110/C	7,5	10	18,1	252
CM-GE 100-2550	100	100							60142778 *	MCE110/C	11	15	27	255
CM-GE 100-3290	100	100							60142779	MCE150/C	15	20	37	350
CM-GE 125-1075	125	125							60142781 *	MCE55/C	4	5,5	11	207
CM-GE 125-1270	125	125							60142097 *	MCE55/C	5,5	7,5	15,2	209
CM-GE 125-1560	125	125							60142782 *	MCE110/C	7,5	10	20	228
CM-GE 125-2100	125	125							60142783	MCE110/C	11	15	30	307
CM-GE 125-2550	125	125							60142784 *	MCE150/C	15	20	35,6	363
CM-GE 150- 955	150	150							60142786	MCE55/C	5,5	7,5	15,8	274
CM-GE 150-1322	150	150							60141857	MCE110/C	7,5	10	19	294
CM-GE 150-1600	150	150							60142787 *	MCE110/C	11	15	28,6	306
CM-GE 150-1950	150	150							60142788 *	MCE150/C	15	20	38	356

*Available with proportional differential pressure regulation ΔP-v

TECHNICAL DATA - DCME/DCM-GE *TWIN FLANGES WITH INVERTER MCE/C*

MODEL	FLANGE DIMENS. (mm)		VOLTAGE 50/60 Hz - 1x220-240 ~ V						VOLTAGE 50 Hz - 3x400 ~ V					
	DNA	DNM	CODE	MODEL MCE	P2 NOMINAL kW	P2 NOMINAL HP	In A	WEIGHT (Kg)	CODE	MODEL MCE	P2 NOMINAL kW	P2 NOMINAL HP	In A	WEIGHT (Kg)
DCME 40-620	40	40	60142830	MCE11/C	0,25	0,33	4,7	45						
DCME 50-460	50	50	60142831 *	MCE11/C	0,25	0,35	4,7	50						
DCME 50-880	50	50	60142832 *	MCE11/C	0,5	0,67	7,2	56						
DCM-GE 65- 660	65	65	60163102 *	MCE11/C	0,55	0,75	7,3	141						
DCM-GE 65- 920	65	65	60163103 *	MCE11/C	0,75	1	9,8	144	60163104	MCE30/C	0,75	1	-	146
DCM-GE 65-1200	65	65	60163106 *	MCE11/C	1,5	2	15,4	193	60163105 *	MCE30/C	1,5	2	-	195
DCM-GE 65-1680	65	65							60163107 *	MCE30/C	3	4	6,6	206
DCM-GE 65-2380	65	65							60163108 *	MCE30/C	4	5,5	9,5	233
DCM-GE 80- 650	80	80	60163109	MCE11/C	0,75	1	9,8	134	60163110	MCE30/C	0,75	1	-	136
DCM-GE 80- 890	80	80	60163111 *	MCE15/C	1,5	2	15,2	211	60163112 *	MCE30/C	1,5	2	-	213
DCM-GE 80-1530	80	80							60163113 *	MCE30/C	3	4	8	251
DCM-GE 80-1700	80	80							60163114 *	MCE30/C	4	5,5	8,9	277
DCM-GE 80-2410	80	80							60163115 *	MCE55/C	5,5	7,5	13,8	442
DCM-GE 80-2700	80	80							60163116	MCE110/C	7,5	10	18,6	499
DCM-GE 80-3420	80	80							60163117 *	MCE110/C	11	15	28,1	533
DCM-GE 100- 510	100	100	60163118 *	MCE11/C	0,75	1	9,7	218	60163119	MCE30/C	0,75	1	-	220
DCM-GE 100-865	100	100	60166448 *	MCE22/C	2,2	3	20,7	261	60166449	MCE30/C	2,2	3	7	263
DCM-GE 100-1020	100	100							60163121 *	MCE30/C	3	4	8,1	264
DCM-GE 100-1320	100	100							60163123 *	MCE55/C	4	5,5	10	308
DCM-GE 100-1650	100	100							60163124 *	MCE55/C	5,5	7,5	14,6	351
DCM-GE 100-2050	100	100							60163125	MCE110/C	7,5	10	18,1	558
DCM-GE 100-2550	100	100							60163126 *	MCE110/C	11	15	27	565
DCM-GE 100-3290	100	100							60163127	MCE150/C	15	20	37,1	753
DCM-GE 125-1075	125	125							60163128	MCE55/C	4	5,5	11	501
DCM-GE 125-1270	125	125							60163129 *	MCE55/C	5,5	7,5	15,2	503
DCM-GE 125-1560	125	125							60163130 *	MCE110/C	7,5	10	20	538
DCM-GE 125-2100	125	125							60163131	MCE110/C	11	15	29,8	768
DCM-GE 125-2550	125	125							60163132 *	MCE150/C	15	20	35,6	880
DCM-GE 150- 955	150	150							60163133	MCE55/C	5,5	7,5	15,5	658
DCM-GE 150-1322	150	150							60163134	MCE110/C	7,5	10	19,5	693
DCM-GE 150-1600	150	150							60163135 *	MCE110/C	11	15	31,4	719
DCM-GE 150-1950	150	150							60163136 *	MCE150/C	15	20	39,9	818

*Available with proportional differential pressure regulation ΔP-v

CPE / CP-GE - *HEATING, AIR CONDITIONING, SOLAR PANEL AND HOT WATER SYSTEM*

MODEL	P2 NOMINAL		Q (m^3/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
CPE 40/2300 M MCE11/C	1,1	1,5		21,8	21,8	21,3	21	18																			
CPE 40/2300 T MCE30/C	1,1	1,5		21,8	21,8	21,3	21	18																			
CPE 40/3500 M MCE22/C	2,2	3		34,8	34,9	34,7	34,2	31,7																			
CPE 40/3500 T MCE30/C	2,2	3		34,8	34,9	34,7	34,2	31,7																			
CPE 40/4700 T MCE55/C	4	5,5					47	44	39,5	35																	
CPE 40/5500 T MCE55/C	5,5	7,5					55	53	48	42																	
CPE 40/6200 T MCE110/C	7,5	10					62	59	54	49																	
CPE 50/2600 M MCE15/C	1,5	2					25	22	16																		
CPE 50/2600 T MCE30/C	1,5	2					25	22	16																		
CPE 50/4100 T MCE30/C	4	5,5					40,7	38,5	34,5	27,7																	
CPE 50/4600 T MCE55/C	5,5	7,5							44	41,5	37	31															
CPE 50/5650 T MCE110/C	7,5	10							55,5	53	49	44															
CP-GE 65-1470/A/BAQE/1.5 M MCE11/C	1,5	2		14,7			14,5	14,3	13,8	13	11,8	10,5	8,6	7													
CP-GE 65-1470/A/BAQE/1.5 T MCE30/C	1,5	2		14,7			14,5	14,3	13,8	13	11,8	10,5	8,6	7													
CP-GE 65-2280/A/BAQE/3 T MCE30/C	3	4		22,8			22,5	22,3	22	21,2	20,2	19	17,4	15,5	13,5												
CP-GE 65-2640/A/BAQE/4 T MCE55/C	4	5,5	H* (m)	26,4			26,2	26	25,6	25	24	23	21,5	19,5	17,5	15											
CP-GE 65-3400/A/BAQE/5.5 T MCE55/C	5,5	7,5		34					34	33,5	32,5	31	29,5	27	24												
CP-GE 65-4100/A/BAQE/7.5 T MCE110/C	7,5	10		41					41	41	40	39	37,5	35,5	33	30	26,5										
CP-GE 65-4700/A/BAQE/11 T MCE110/C	11	15		47							45,5	45	44,3	43,3	42	40,8	39	37	35	32,3							
CP-GE 65-5500/A/BAQE/15 T MCE150/C	15	20		55							56	55,5	54	53,5	52	51	49	47,5	45,5	43	41						
CP-GE 80-1400/A/BAQE/2.2 M MCE22/C	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 80-1400/A/BAQE/2.2 T MCE30/C	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/A/BAQE/4 T MCE55/C	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/A/BAQE/5.5 T MCE55/C	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/A/BAQE/7.5 T MCE110/C	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/A/BAQE/11 T MCE110/C	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/A/BAQE/15 T MCE150/C	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/A/BAQE/4 T MCE55/C	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/A/BAQE/5.5 T MCE55/C	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/A/BAQE/7.5 T MCE110/C	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/A/BAQE/11 T MCE110/C	11	15		24																	22	21,4	20,4	20	17,4	16,8	12
CP-GE 100-3050/A/BAQE/15 T MCE150/C	15	20		30,5																	29	28,4	27,5	27	24,5	21,3	18,3

ELECTRONIC IN-LINE PUMPS
PERFORMANCE RANGE

DCPE / DCP-GE - *HEATING, AIR CONDITIONING, SOLAR PANEL AND HOT WATER SYSTEM*

MODEL	P2 NOMINAL		Q= m^3h	6	7,5	9	10,5	12	13,5	15	18	21	24	27	30	36	42	48	54	60	180	210
	kW	HP	Q= l/min	100	125	150	175	200	225	250	300	350	400	450	500	600	700	800	900	1000	3000	3500
DCPE 40/1650 M MCE11/C IE2	0,8	1		16,5	15,5	14,5	13,5	12,3	11	9,5	6											
DCPE 40/2450 M MCE15/C IE2	1,5	2		24,5	24	23,5	23	22	21	20	16,5	13										
DCPE 40/2450 T MCE30/C IE2	1,5	2		24,5	24	23,5	23	22	21	20	16,5	13										
DCPE 50/1550 M MCE15/C IE2	1,5	2	H (m)							15,5	15	14,1	13	11,8	10,5	7						
DCPE 50/1550 T MCE30/C IE2	1,5	2								15,5	15	14,1	13	11,8	10,5	7						
DCPE 50/2450 T MCE30/C IE2	3	4								24,5	24	23,5	23	22	20,5	17						
DCPE 50/3650 T MCE55/C IE2	4	5,5								36,5	35,5	34,5	33,5	32,5	31	27						

MODEL	P2 NOMINAL		Q= m^3h	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210
	kW	HP	Q= l/min	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/A/BAQE/1.5M MCE11/C	1,5	2		14,4	14,2	13,8	13,1	12,0	10,6	9,0	7,0	5,3													
DCP-GE 65-1470/A/BAQE/1.5 T MCE30/C	1,5	2		14,4	14,2	13,8	13,1	12,0	10,6	9,0	7,0	5,3													
DCP-GE 65-2280/A/BAQE/3 T MCE30/C	3	4		22,3			21,1	19,9	18,4	16,8	14,7	12,5	10,2												
DCP-GE 65-2640/A/BAQE/4 T MCE55/C	4	5,5		25,9			24,6	23,7	22,2	20,7	18,8	16,4	14,0	11,4											
DCP-GE 65-3400/A/BAQE/5.5 T MCE55/C	5,5	7,7		33,3			32,5	31,4	29,7	27,4	25,0	21,7	18,2												
DCP-GE 65-4100/A/BAQE/7.5T MCE110/C	7,5	10		40,2			39,6	39,0	37,4	35,7	33,4	30,7	27,5	23,9	20,1										
DCP-GE 65-4700/A/BAQE/11 T MCE110/C	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/A/BAQE/15 T MCE150/C	15	20		54,3					54,7	53,9	52,1	51,2	49,4	48,0	45,6	43,7	41,3	38,4	36,1						
DCP-GE 80-1400/A/BAQE/2.2 M MCE30/C	2,2	3		13,7				14,3	13,7	13,0	12,3	11,4	10,3	9,1	7,8	6,5	5,2	4,0							
DCP-GE 80-1400/A/BAQE/2.2 T MCE30/C	2,2	3		13,7				14,3	13,7	13,0	12,3	11,4	10,3	9,1	7,8	6,5	5,2	4,0							
DCP-GE 80-2050/A/BAQE/4T MCE55/C	4	5,5	H (m)	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/A/BAQE/5.5 T MCE55/C	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	13,0	11,2	7,1					
DCP-GE 80-2770/A/BAQE/7.5 T MCE110/C	7,5	10		27,1								26,6	26,0	25,3	24,3	22,8	21,9	20,5	19,3	16,2	13,0	11,3			
DCP-GE 80-3250/A/BAQE/11 T MCE110/C	11	15		31,9								31,2	30,5	29,7	28,5	26,7	25,6	24,0	22,6	19,1	15,2	13,2			
DCP-GE 80-4000/A/BAQE/15 T MCE150/C	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/A/BAQE/4 T MCE55/C	4	5,5		16,0						15,8	15,2	14,5	13,6	12,8	11,8	10,8	9,6	8,4	7,3	5,1	3,0				
DCP-GE 100-1950/A/BAQE/5.5 T MCE55/C	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	9,0	6,0	4,5			
DCP-GE100-2350/A/BAQE/7.5 T MCE110/C	7,5	10		23,5						24,5	24,4	24,0	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/A/BAQE/11 T MCE110/C	11	15		23,6															21,9	21,0	19,7	19,1	15,5	13,4	8,2
DCP-GE 100-3050/A/BAQE/15 T MCE150/C	15	20		30,0															28,9	27,9	26,5	25,8	21,8	17,0	12,5

CPE / CP-GE / DCPE / DCP-GE - 2 POLES

ELECTRONIC IN-LINE PUMPS

CE HEATING, AIR CONDITIONING, SOLAR PANEL AND HOT WATER SYSTEM

Circulation pumps with in-line ports, suitable for installation in heating and air conditioning, refrigeration, and domestic hot water systems. Extremely versatile thanks to the use of the **MCE/C** inverter, they offerr performance capable of adapting automatically to the system's various demands while keeping pressure differentials unchanged. Available in single and twin version. PN 16 flanged inlet and delivery mouths, fitted with threaded holes for pressure gauges. Pump body and support in cast iron, impeller in cast iron or technopolymer depending on model (in bronze, on request, only from DN 65 to DN 150). Stainless steel drive shaft. Sealing device: standardised mechanical seal made to DIN 24960 in carbon / carborundum with O' rings in EPDM. 2 pole three-phase indication motor with external cooling. Rotor running on ball bearings, oversized to ensure low noise and durability. Constructed following the CEI 2-3 standards

Operating range: from 1.2 to 230 m³/h with head up to 56 meters.
Liquid temperature range:
from -10°C to + 130°C for DN 40 -50
from -10°C to + 140°C for rest of the range
Liquid quality requirements: clean, free from solids or abrasive substances, non viscous, non aggressive, non crystallised and chemically neutral and close to the characteristics of water.
Installation: Fixed, horizontal or vertical provided the motor is always above the pump.
Maximum ambient temperature: +40°C
Maximum working pressure: 16 bar
Protection rating: IP 55
Insulation Class: F
Flanging: PN 16
Counter-flanges on request: DN 40 - DN 50 - DN 65 - DN 80 - DN 100 - DN 125 - DN 150; PN 16.

MCE/C PAG. 2
ACCESSORIES PAG. 63

TECHNICAL DATA - CPE / CP-GE *SINGLE FLANGES WITH INVERTER MCE/C*

MODEL	FLANGE DIMENS. (mm)		VOLTAGE 50/60 Hz - 1x220-240 ~ V						VOLTAGE 50 Hz - 3x400 ~ V					
	DNA	DNM	CODE	MODEL MCE	P2 NOMINAL kW	P2 NOMINAL HP	In A	WEIGHT (Kg)	CODE	MODEL MCE	P2 NOMINAL kW	P2 NOMINAL HP	In A	WEIGHT (Kg)
CPE 40/2300	40	40	60142730	MCE11/C	1,1	1,5	12	49	60147376	MCE30/C	1,1	1,5	-	49
CPE 40/3500	40	40	60142510 *	MCE22/C	2,2	3,0	19,2	52	60147377	MCE30/C	2,2	3,0	7,0	52
CPE 40/4700	40	40							60142731	MCE55/C	4,0	5,5	11,1	58
CPE 40/5500	40	40							60142791 *	MCE55/C	5,5	7,5	14,2	63
CPE 40/6200	40	40							60142792 *	MCE110/C	7,5	10,0	19,9	64
CPE 50/2600	50	50	60142793	MCE15/C	1,5	2,0	14,4	49	60147378	MCE30/C	1,5	2,0	-	49
CPE 50/4100	50	50							60142794 *	MCE30/C	4,0	5,5	8,4	62
CPE 50/4600	50	50							60142511	MCE55/C	5,5	7,5	14,2	64
CPE 50/5650	50	50							60142795 *	MCE110/C	7,5	10,0	19,9	72
CP-GE 65-1470	65	65	60142226 *	MCE11/C	1,5	2	14,5	67	60147498 *	MCE30/C	1,5	2	-	69,6
CP-GE 65-2280	65	65							60142309 *	MCE30/C	3	4	7,2	88
CP-GE 65-2640	65	65							60142732 *	MCE55/C	4	5,5	10	95
CP-GE 65-3400	65	65							60142743 *	MCE55/C	5,5	7,5	13,7	128
CP-GE 65-4100	65	65							60141858 *	MCE110/C	7,5	10	17,8	131
CP-GE 65-4700	65	65							60142796 *	MCE110/C	11	15	28,6	209
CP-GE 65-5500	65	65							60142797 *	MCE150/C	15	20	35,1	227
CP-GE 80-1400	80	80	60142200 *	MCE22/C	2,2	3	20,7	86	60147502 *	MCE30/C	2,2	3	6,2	88,6
CP-GE 80-2050	80	80							60142206 *	MCE55/C	4	5,5	10,9	99
CP-GE 80-2400	80	80							60142799 *	MCE55/C	5,5	7,5	13,3	133
CP-GE 80-2770	80	80							60142294 *	MCE110/C	7,5	10	18,8	88
CP-GE 80-3250	80	80							60142800	MCE110/C	11	15	26	98
CP-GE 80-4000	80	80							60142801	MCE150/C	15	20	35,7	103
CP-GE 100-1600	100	100							60142207	MCE55/C	4	5,5	11,2	86
CP-GE 100-1950	100	100							60142803	MCE55/C	5,5	7,5	14,4	92
CP-GE 100-2350	100	100							60142804 *	MCE110/C	7,5	10	18,9	110
CP-GE 100-2400	100	100							60142805	MCE110/C	11	15	28,3	120
CP-GE 100-3050	100	100							60142806 *	MCE150/C	15	20	34,6	159

*Available with proportional differential pressure regulation ΔP-v

TECHNICAL DATA - DCPE / DCP-GE *TWIN FLANGES WITH INVERTER MCE/C*

MODEL	FLANGE DIMENS. (mm)		VOLTAGE 50/60 Hz - 1x220-240 ~ V						VOLTAGE 50 Hz - 3x400 ~ V					
			CODE	MODEL MCE	P2 NOMINAL		In A	WEIGHT (Kg)	CODE	MODEL MCE	P2 NOMINAL		In A	WEIGHT (Kg)
	DNA	DNM			kW	HP					kW	HP		
DCPE 40/1650	40	40	60142842	MCE11/C	0,75	1	9,0	54						
DCPE 40/2450	40	40	60142279 *	MCE15/C	1,5	2,0	15,8	58	60147384 *	MCE30/C	1,5	2,0	-	58
DCPE 50/1550	50	50	60142843	MCE15/C	1,5	2,0	15,8	60	60147385 *	MCE30/C	1,5	2,0	-	60
DCPE 50/2450	50	50							60142844 *	MCE30/C	3,0	4,0	6,8	75
DCPE 50/3650	50	50							60142845 *	MCE55/C	4,0	5,5	9,6	95
DCP-GE 65-1470	65	65	60163143 *	MCE11/C	1,5	2	14,5	148	60163142 *	MCE30/C	1,5	2	-	150
DCP-GE 65-2280	65	65							60163144 *	MCE30/C	3	4	7,2	193
DCP-GE 65-2640	65	65							60163145 *	MCE55/C	4	5,5	10,7	206
DCP-GE 65-3400	65	65							60163146 *	MCE55/C	5,5	7,7	13,7	272
DCP-GE 65-4100	65	65							60163147 *	MCE110/C	7,5	10	17,8	284
DCP-GE 65-4700	65	65							60163148 *	MCE110/C	11	15	28,6	423
DCP-GE 65-5500	65	65							60163149 *	MCE150/C	15	20	35,1	459
DCP-GE 80-1400	80	80	60163150	MCE22/C	2,2	3	20,7	177	60163151	MCE30/C	2,2	3	-	179
DCP-GE 80-2050	80	80							60163152	MCE55/C	4	5,5	10,9	195
DCP-GE 80-2400	80	80							60163153 *	MCE55/C	5,5	7,5	13,3	264
DCP-GE 80-2770	80	80							60163154 *	MCE110/C	7,5	10	18,8	186
DCP-GE 80-3250	80	80							60163155	MCE110/C	11	15	26	204
DCP-GE 80-4000	80	80							60163156 *	MCE150/C	15	20	35,7	214
DCP-GE 100-1600	100	100							60163157	MCE55/C	4	5,5	11,2	183
DCP-GE 100-1950	100	100							60163158	MCE55/C	5,5	7,5	14,4	197
DCP-GE 100-2350	100	100							60163159 *	MCE110/C	7,5	10	18,9	230
DCP-GE 100-2400	100	100							60163160	MCE110/C	11	15	28,3	273
DCP-GE 100-3050	100	100							60163161 *	MCE150/C	15	20	34,6	352

*Available with proportional differential pressure regulation ΔP-v

ALM / ALP
IN-LINE PUMPS

HEATING, AIR CONDITIONING, SOLAR PANEL AND HOT WATER SYSTEM

Circulating pumps with in-line **connections**, suitable for civil and industrial installations for heating, air-conditioning and hot water for **domestic use**.
Technopolymer impeller and carbon/ceramic mechanical seal. Two-pole, asynchronous motor for the ALP version and four-pole for the ALM version.
Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. Three-phase motors should be protected with a suitable overload protection complying with the regulations in force.
Pump body and motor support in bronze.

Operating range: from 0,6 to 6,5 m³/h with head up to 7,7 metres.
Liquid temperature range: from +15°C to +120°C.
Pumped liquid characteristics: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised, chemically neutral, close to the characteristics of water.
Maximum ambient temperature: + 40°C
Maximum working pressure: 10 bar (1000 kPa).
Protection level: IP 55
Insulation class: F

ACCESSORIES PAG. 63

TECHNICAL DATA - ALM 200 /ALP 800

ALM - 1400 r.p.m. 1/min - 4 poles
ALP - 2800 r.p.m. 1/min - 2 poles

MODEL	CODE	CENTRE DISTANCE	PUMP COUPLINGS	ELECTRICAL DATA				HYDRAULIC DATA							WEIGHT Kg	Q.TY X PALLET
				VOLTAGE 50 Hz	P2 NOMINAL		In A	Q=m³h	0	1,2	2,4	3,6	4,8	6		
					kW	HP		Q=l/min	0	20	40	60	80	100		
ALM 200 M	105100004	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	105100014	180	1 ½"	3x230-400V~	0,059	0,08	0,53-0,3		1,9	1,65	1				7,5	39
ALP 800 M	105100084	180	1 ½"	1x220-240 V ~	0,37	0,5	1,4		7,7	7,2	6,3	5,8	3,9	2	7,5	39
ALP 800 T	105100094	180	1 ½"	3x230-400V~	0,37	0,5	1,2-0,7		7,7	7,2	6,3	5,8	3,9	2	7,5	39

BQ

ALM / ALP
IN-LINE PUMPS

HEATING, AIR CONDITIONING, SOLAR PANEL AND HOT WATER SYSTEM

Circulating pumps with in-line **connections**, suitable for civil and industrial installations for heating, air-conditioning and hot water for **domestic use**.
Technopolymer impeller and carbon/ceramic mechanical seal. Two-pole, asynchronous motor for the ALP version and four-pole for the ALM version.
Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. Three-phase motors should be protected with a suitable overload protection complying with the regulations in force.
Pump body and motor support in cast iron.

Operating range: from 1,5 to 8,4 m³/h with head up to 21 metres.
Liquid temperature range: from +15°C to +120°C.
Pumped liquid characteristics: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised, chemically neutral, close to the characteristics of water.
Maximum ambient temperature: + 40°C
Maximum working pressure: 10 bar (1000 kPa).
Protection level: IP 55
Insulation class: F

ACCESSORIES PAG. 63

TECHNICAL DATA - ALM 500/ ALP 2000

ALM - 1400 r.p.m. 1/min - 4 poles
ALP - 2800 r.p.m. 1/min - 2 poles

MODEL	CODE	CENTRE DISTANCE	PUMP COUPLINGS	ELECTRICAL DATA				HYDRAULIC DATA									WEIGHT KG	Q.TY X PALLET
				VOLTAGE 50 Hz	P2 NOMINAL		In A	Q=m³h	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	105100024	250	2" G-M	1x220-240 V ~	0,25	0,33	1	H (m)	5,5	5,4	5,3	4,8	4,1	3	1,5		14,5	21
ALM 500 T	105100034	250	2" G-M	3x230-400V~	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	105100124	250	2" G-M	1x220-240 V ~	0,55	0,75	3,7		21,1	20,6	19,6	18	16	13,8	10,5	5,3	14,5	21
ALP 2000 T	105100134	250	2" G-M	3x230-400V~	0,55	0,75	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

HEATING, AIR CONDITIONING, SOLAR PANEL AND HOT WATER SYSTEM

Pump body and motor support in cast iron. PN10 flanged connections with threaded holes for control pressure gauges. Technopolymer impeller and carbon/ceramic mechanical seal. Four-pole, asynchronous motor for the KLM and DKLM versions and two-pole for the KLP and DKLP versions. Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. Three-phase motors should be protected with a suitable overload protection complying with the regulations in force. In the twin version there is a built-in automatic clapet valve on the delivery vent; the standard supply also includes a blank flange.

Operating range: from 2 to 67 m³/h with head up to 13.7 metres.
Liquid temperature range: from -15°C to +120°C.
Pumped liquid characteristics:clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised, chemically neutral.
Maximum ambient temperature: +40°C
Maximum working pressure: 10 bar (1000 kPa).
Protection level: IP 55
Insulation class: F
Standard flanging: PN 10/PN 6
Counter flanges either threaded or with welded collar as requested.

ACCESSORIES PAG. 63

TECHNICAL DATA - KLM/KLP *SINGLE FLANGES*

KLM - 1400 r.p.m. 1/min - 4 poles
KLP - 2800 r.p.m. 1/min - 2 poles

MODEL	CODE	CENTRE DISTANCE	PUMP COUPLINGS	ELECTRICAL DATA				MOTOR TYPE	HYDRAULIC DATA																				WEIGHT KG	Q.TY X PALLET
				VOLTAGE 50 Hz	P2 NOMIN.		In A		Q=m³h	0	2,4	3,6	4,8	6	7,2	8,4	9,6	12	14,4	16,8	18	24	30	36	48	60		
					kW	HP			Q=l/min	0	40	60	80	100	120	140	160	200	240	280	300	400	500	600	800	1000		
KLM 40-300 M	105110404	250	DN 40	1 x 220 - 240 V ~	0,25	0,33	1	-		3,4	3,2	3	2,6	2,3	1,7													21,1	12
KLM 40-300 T	105110014	250	DN 40	3 x 230 - 400 V ~	0,25	0,33	0,9-0,55	-		3,4	3,2	3	2,6	2,3	1,7													20,1	12
KLP 40-600 M	105110414	250	DN 40	1 x 220 - 240 V ~	0,37	0,5	3	-		8,2			7,8	7,4	6,9	6,3	5,7	4											22,5	12
KLP 40-600 T	105110214	250	DN 40	3 x 230 - 400 V ~	0,37	0,5	1,7-1,18	-		8,2			7,8	7,4	6,9	6,3	5,7	4											22,5	12
KLP 40-900 M	105110424	250	DN 40	1 x 220 - 240 V ~	0,37	0,5	3,2	-		10,2			9,8	9,4	8,8	8,2	7,4	5,6											22,5	12
KLP 40-900 T	105110224	250	DN 40	3 x 230 - 400 V ~	0,37	0,5	1,9-1,1	-		10,2			9,8	9,4	8,8	8,2	7,4	5,6											22,5	12
KLP 40-1200 M	105110434	250	DN 40	1 x 220 - 240 V ~	0,55	0,75	3,4	-		13,7			13,2	12,6	11,9	11,2	10,4	8,4	5,9										23,2	12
KLP 40-1200 T	105110234	250	DN 40	3 x 230 - 400 V ~	0,55	0,75	2-1,2	-		13,7			13,2	12,6	11,9	11,2	10,4	8,4	5,9										23,2	12
KLM 50-300 M	105110444	280	DN 50	1 x 220 - 240 V ~	0,25	0,33	1,1	-		2,9			2,8	2,7	2,6	2,5	2,3	1,8	1,3										24,2	12
KLM 50-300 T	105110054	280	DN 50	3 x 230 - 400 V ~	0,25	0,33	1-0,6	-		2,9			2,8	2,7	2,6	2,5	2,3	1,8	1,3										24,2	12
KLM 50-600 M	105110454	280	DN 50	1 x 220 - 240 V ~	0,25	0,33	1,4	-		5,4			5,2	4,9	4,7	4,5	4,3	3,8	3,2	2,5	2								24,6	12
KLM 50-600 T	105110074	280	DN 50	3 x 230 - 400 V ~	0,25	0,33	1,2-0,7	-		5,4			5,2	4,9	4,7	4,5	4,3	3,8	3,2	2,5	2								24,6	12
KLP 50-900 M	105110464	280	DN 50	1 x 220 - 240 V ~	0,75	1	3,3	-		8,9				8,8	8,7	8,6	8,5	8	7,4	6,6	6,3	3,9							26,8	12
KLP 50-900 T	60145205	280	DN 50	3 x 230 - 400 V ~	0,75	1	2,8/1,9	IE2		8,9				8,8	8,7	8,6	8,5	8	7,4	6,6	6,3	3,9							26,8	12
KLP 50-900 T	60179384	280	DN 50	3 x 230 - 400 V ~	0,75	1	2,8/1,9	IE3		8,9				8,8	8,7	8,6	8,5	8	7,4	6,6	6,3	3,9							26,8	12
KLP 50-1200 M	105110474	280	DN 50	1 x 220 - 240 V ~	0,75	1	4,66	-	H (m)	12				12	11,8	11,6	11	10,5	9,8	9	8,6	6,2							26,7	12
KLP 50-1200 T	60145206	280	DN 50	3 x 230 - 400 V ~	0,75	1	3,2/2,1	IE2		12				12	11,8	11,6	11	10,5	9,8	9	8,6	6,2							26,7	12
KLP 50-1200 T	60179383	280	DN 50	3 x 230 - 400 V ~	0,75	1	3,2/2,1	IE3		12				12	11,8	11,6	11	10,5	9,8	9	8,6	6,2							26,7	12
KLM 65-300 T	105110094	340	DN 65	3 x 230 - 400 V ~	0,25	0,33	1/0,6	IE2		3,1				3	2,9	2,8	2,7	2,6	2,4	2	1,8								29,3	8
KLM 65-600 T	105110114	340	DN 65	3 x 230 - 400 V ~	0,37	0,5	1,2/0,7	IE2		5,5						5,3	5	4,7	4,6	4	3,8	2,5							29,5	8
KLP 65-900 T	60145819	340	DN 65	3 x 230 - 400 V ~	1,1	1,5	4/2,35	IE2		9							8,8	8,6	8,5	8,1	8	7	5,5	3,5					35	8
KLP 65-900 T	60179900	340	DN 65	3 x 230 - 400 V ~	1,1	1,5	4/2,35	IE3		9							8,8	8,6	8,5	8,1	8	7	5,5	3,5					35	8
KLP 65-1200 T	60145820	340	DN 65	3 x 230 - 400 V ~	1,1	1,5	4,7/3,2	IE2		12								11,6	11,4	11,2	11	10	8,8	6,7					35	8
KLP 65-1200 T	60179898	340	DN 65	3 x 230 - 400 V ~	1,1	1,5	4,7/3,2	IE3		12								11,6	11,4	11,2	11	10	8,8	6,7					35	8
KLM 80-300 T	105110134	360	DN 80	3 x 230 - 400 V ~	0,25	0,33	1,2/0,7	IE2		3,3								3,2	3,1	3	2,9	2,7	2	1,2					32,5	8
KLM 80-600 T	60146973	360	DN 80	3 x 230 - 400 V ~	0,75	1	2,8/1,6	IE2		5,7									5,8	5,8	5,7	5,5	5	4,3	2,5				36,7	8
KLM 80-600 T	60179902	360	DN 80	3 x 230 - 400 V ~	0,75	1	2,8/1,6	IE3		5,7									5,8	5,8	5,7	5,5	5	4,3	2,5				36,7	8
KLP 80-900 T	60145915	360	DN 80	3 x 230 - 400 V ~	1,84	2,5	5,2/3,51	IE2		8,8									8,7	8,6	8,5	8,4	8	7,7	6				39,6	8
KLP 80-900 T	60180057	360	DN 80	3 x 230 - 400 V ~	1,84	2,5	5,2/3,51	IE3		8,8									8,7	8,6	8,5	8,4	8	7,7	6				40	8
KLP 80-1200 T	60145917	360	DN 80	3 x 230 - 400 V ~	1,84	2,5	6,6/4,31	IE2		11,8												11,6	11,5	11	9,7	7,2			40	8
KLP 80-1200 T	60179899	360	DN 80	3 x 230 - 400 V ~	1,84	2,5	6,6/4,31	IE3		11,8												11,6	11,5	11	9,7	7,2			41	8

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

KLM / KLP / DKLM / DKLP
IN-LINE PUMPS

TECHNICAL DATA - DKLM/DKLP *TWIN FLANGED*

DKLM - 1400 r.p.m. 1/min - 4 poles
DKLP - 2800 r.p.m. 1/min - 2 poles

MODEL	CODE	CENTRE DISTANCE	PUMP COUPLINGS	ELECTRICAL DATA					HYDRAULIC DATA																								WEIGHT KG	Q.TY X PALLET
				VOLTAGE 50 Hz	P2 NOMIN.		In	MOTOR TYPE	Q=m³h	0	2,4	3,6	4,8	6	7,2	8,4	9,6	12	14,4	16,8	18	24	30	36	48	60								
					kW	HP	A		Q=l/min	0	40	60	80	100	120	140	160	200	240	280	300	400	500	600	800	1000								
DKLM 40-300 M	105210404	250	DN 40	1 x 220 - 240 V ~	0,25	0,33	1	-		3,4	2,7	2,4	2	1,7	1,2																	38,2	8
DKLM 40-300 T	105210014	250	DN 40	3 x 230 - 400 V ~	0,25	0,33	0,9-0,55	-		3,4	2,7	2,4	2	1,7	1,2																	38,2	8
DKLP 40-600 M	105210414	250	DN 40	1 x 220 - 240 V ~	0,37	0,5	3	-		8,2			7,2	6,7	6	5,4	4,7	2,9														41,8	8
DKLP 40-600 T	105210214	250	DN 40	3 x 230 - 400 V ~	0,37	0,5	1,7-1	-		8,2			7,2	6,7	6	5,4	4,7	2,9														41,8	8
DKLP 40-900 M	105210424	250	DN 40	1 x 220 - 240 V ~	0,37	0,5	3,2	-		10,2			8,9	8,4	7,9	7,3	6,6	4,8														41,8	8
DKLP 40-900 T	105210224	250	DN 40	3 x 230 - 400 V ~	0,37	0,5	1,9-1,1	-		10,2			8,9	8,4	7,9	7,3	6,6	4,8														41,8	8
DKLP 40-1200 M	105210434	250	DN 40	1 x 220 - 240 V ~	0,55	0,75	3,4	-		13,6			11,8	11	10,3	9,4	8,5	6,4														41,8	8
DKLP 40-1200 T	105210234	250	DN 40	3 x 230 - 400 V ~	0,55	0,75	2-1,2	-		13,6			11,8	11	10,3	9,4	8,5	6,4														41,8	8
DKLM 50-300 M	105210444	280	DN 50	1 x 220 - 240 V ~	0,25	0,33	1,1	-		2,9			2,5	2,3	2	1,8	1,6	1														51	2
DKLM 50-300 T	105210054	280	DN 50	3 x 230 - 400 V ~	0,25	0,33	1-0,6	-		2,9			2,5	2,3	2	1,8	1,6	1														51	2
DKLM 50-600 M	105210454	280	DN 50	1 x 220 - 240 V ~	0,25	0,33	1,4	-		5,4			4,7	4,4	4,2	3,8	3,5	2,8	2	1,2												52	2
DKLM 50-600 T	105210074	280	DN 50	3 x 230 - 400 V ~	0,25	0,33	1,2-0,7	-		5,4			4,7	4,4	4,2	3,8	3,5	2,8	2	1,2												52	2
DKLP 50-900 M	105210464	280	DN 50	1 x 220 - 240 V ~	0,75	1	3,3	-		8,9				8,2	8	7,7	7,5	7	6,2	5,4	4,9	2										54	2
DKLP 50-900 T	60145209	280	DN 50	3 x 230 - 400 V ~	0,75	1	2,8/1,6	IE2		8,9				8,2	8	7,7	7,5	7	6,2	5,4	4,9	2										54	2
DKLP 50-900 T	60179386	280	DN 50	3 x 230 - 400 V ~	0,75	1	2,8/1,6	IE3		8,9				8,2	8	7,7	7,5	7	6,2	5,4	4,9	2										54	2
DKLP 50-1200 M	105210474	280	DN 50	1 x 220 - 240 V ~	0,75	1	4,2	-	H (m)	12				11	10,5	10,2	9,8	9	8	7	6,4	3,3										54	2
DKLP 50-1200 T	60145210	280	DN 50	3 x 230 - 400 V ~	0,75	1	3,2/1,8	IE2		12				11	10,5	10,2	9,8	9	8	7	6,4	3,3										54	2
DKLP 50-1200 T	60179385	280	DN 50	3 x 230 - 400 V ~	0,75	1	3,2/1,8	IE3		12				11	10,5	10,2	9,8	9	8	7	6,4	3,3										54	2
DKLM 65-300 T	105210094	340	DN 65	3 x 230 - 400 V ~	0,25	0,33	1/0,6	IE2		3,1				2,7	2,6	2,5	2,4	2,2	1,9	1,5	1,3											55	2
DKLM 65-600 T	105210114	340	DN 65	3 x 230 - 400 V ~	0,37	0,5	1,2/0,7	IE2		5,5						4,7	4,5	4,1	3,8	3,4	3,2	2										62	2
DKLP 65-900 T	60145826	340	DN 65	3 x 230 - 400 V ~	1,1	1,5	4/2,35	IE2		9							8,2	7,9	7,6	7,2	7	5,7	3,9	1,8								66	2
DKLP 65-900 T	60180058	340	DN 65	3 x 230 - 400 V ~	1,1	1,5	4/2,35	IE3		9							8,2	7,9	7,6	7,2	7	5,7	3,9	1,8								66	2
DKLP 65-1200 T	60145827	340	DN 65	3 x 230 - 400 V ~	1,1	1,5	4,7/2,7	IE2		12								11	10,6	10,2	10	86	7	4,8								66	2
DKLP 65-1200 T	60179901	340	DN 65	3 x 230 - 400 V ~	1,1	1,5	4,7/2,7	IE3		12								11	10,6	10,2	10	86	7	4,8								66	2
DKLM 80-300 T	105210134	360	DN 80	3 x 230 - 400 V ~	0,25	0,33	1,2/0,7	IE2		3,3								3	2,9	2,7	2,6	2	1,3									62	2
DKLM 80-600 T	60146983	360	DN 80	3 x 230 - 400 V ~	0,75	1	2,8/1,6	IE2		5,7									5,4	5,2	5,1	4,6	3,9	3								70	2
DKLM 80-600 T	60180059	360	DN 80	3 x 230 - 400 V ~	0,75	1	2,8/1,6	IE3		5,7									5,4	5,2	5,1	4,6	3,9	3								70	2
DKLP 80-900 T	60145933	360	DN 80	3 x 230 - 400 V ~	1,84	2,5	5,2/3	IE2		9									8,3	8,1	8	7,4	6,6	5,7	3,5							76	2
DKLP 80-900 T	60180060	360	DN 80	3 x 230 - 400 V ~	1,84	2,5	5,2/3	IE3		9									8,3	8,1	8	7,4	6,6	5,7	3,5							78	2
DKLP 80-1200 T	60145935	360	DN 80	3 x 230 - 400 V ~	1,84	2,5	6,6/3,8	IE2		11,8												10,4	9,7	8,7	6,4	3,9						76	2
DKLP 80-1200 T	60179926	360	DN 80	3 x 230 - 400 V ~	1,84	2,5	6,6/3,8	IE2		11,8												10,4	9,7	8,7	6,4	3,9						78	2

Blank counterflange supplied as standard for twin version

CM / CM-G / DCM / DCM-G - 4 POLES
IN-LINE PUMPS

IE2 ≥ 0,75kW ONLY FOR EXTRA MARKETS EU

CE ***HEATING, AIR CONDITIONING, SOLAR PANEL AND HOT WATER SYSTEM***

Circulating pumps with in-line connections, suitable for civil and industrial installations for heating, air-conditioning and hot water for domestic use. Pump body, motor support, impeller and fan cover in cast iron.
PN 16 flanged suction and delivery connections with threaded holes for control pressure gauges.
Carbon/ceramic mechanical seal.
Three-phase, four-pole, asynchronous motor with external ventilation. To protect the motor it is advisable to use a thermal overload protection complying with the regulations in force.

Operating range: from 1,2 to 420 m³/h with head up to 41 metres.
Liquid temperature range: from -10°C to +140°C.
Pumped liquid characteristics:clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral.
Maximum ambient temperature: +40°C
Maximum working pressure: 16 bar (1600 kPa).
Protection level: IP 55
Insulation class: F
PN 16 counter flanges on request.

ACCESSORIES PAG. 63

TECHNICAL DATA - CM/CM-G *SINGLE WITH OVAL FLANGES*

MODEL	CODE	CENTRE DISTANCE	PUMP COUPLINGS	ELECTRICAL DATA						MOTOR TYPE	HYDRAULIC DATA																WEIGHT KG
				VOLTAGE 50 Hz	P1 MAX kW	P2 NOM. kW	P2 NOM. HP	In (A) 230	In (A) 400		Q=m³h	0	1,2	2,4	3	3,6	4,8	6	12	18	24	30	36	42	48	
											Q=l/min	0	20	40	50	60	80	100	200	300	400	500	600	700	800	
CM 40-440 T	60146975	390	DN 40	3 x 230 - 400 V ~	0,28	0,75	1,00	1,8	1	IE2		4,4	4,4	4,3	4,3	4,2	3,8	3,5								41
CM 40-440 T	60180063	390	DN 40	3 x 230 - 400 V ~	0,28	0,75	1,00	1,8	1	IE3		4,4	4,4	4,3	4,3	4,2	3,8	3,5								41
CM 40-540 T	60146976	390	DN 40	3 x 230 - 400 V ~	0,33	0,75	1,00	1,8	1	IE2		5,4	5,4	5,3	5,2	5,1	4,8	4,5								41
CM 40-540 T	60180064	390	DN 40	3 x 230 - 400 V ~	0,33	0,75	1,00	1,8	1	IE3		5,4	5,4	5,3	5,2	5,1	4,8	4,5								41
CM 40-670 T	60146977	390	DN 40	3 x 230 - 400 V ~	0,39	0,75	1,00	1,8	1,1	IE2		6,7	6,7	6,7	6,6	6,5	6,2	5,8								41
CM 40-670 T	60180065	390	DN 40	3 x 230 - 400 V ~	0,39	0,75	1,00	1,8	1,1	IE3		6,7	6,7	6,7	6,6	6,5	6,2	5,8								41
CM 40-870 T	60146978	390	DN 40	3 x 230 - 400 V ~	0,51	0,75	1,00	1,9	1,1	IE2		8,7	8,7	8,6	8,6	8,5	8,2	7,9								41
CM 40-870 T	60180066	390	DN 40	3 x 230 - 400 V ~	0,51	0,75	1,00	1,9	1,1	IE3		8,7	8,7	8,6	8,6	8,5	8,2	7,9								41
CM 40-1300 T	60180067	380	DN 40	3 x 230 - 400 V ~	1,1	0,75	1,00	3,3	1,9	IE3					13	12,9	12,5	12,4	9,8	6						30
CM 40-1450 T	60180068	380	DN 40	3 x 230 - 400 V ~	1,2	1,10	1,50	4,3	2,5	IE3							14,4	14,3	11,8	8						30
CM 50-510 T	60146979	425	DN 50	3 x 230 - 400 V ~	0,35	0,75	1,00	1,8	1,1	IE2						5	4,6	4,2								46,6
CM 50-510 T	60180069	425	DN 50	3 x 230 - 400 V ~	0,35	0,75	1,00	1,8	1,1	IE3						5	4,6	4,2								46,6
CM 50-630 T	60146980	425	DN 50	3 x 230 - 400 V ~	0,5	0,75	1,00	1,9	1,1	IE2						6,2	5,8	5,5								46,6
CM 50-630 T	60180070	425	DN 50	3 x 230 - 400 V ~	0,5	0,75	1,00	1,9	1,1	IE3						6,2	5,8	5,5								46,6
CM 50-780 T	60146981	425	DN 50	3 x 230 - 400 V ~	0,5	0,75	1,00	1,9	1,1	IE2						7,7	7,4	7,1								46,6
CM 50-780 T	60180071	425	DN 50	3 x 230 - 400 V ~	0,5	0,75	1,00	1,9	1,1	IE3						7,7	7,4	7,1								46,6
CM 50-1000 T	60146982	425	DN 50	3 x 230 - 400 V ~	0,64	0,75	1,00	2,1	1,2	IE2						10,1	9,8	9,6	6,8							46,6
CM 50-1000 T	60180072	425	DN 50	3 x 230 - 400 V ~	0,64	0,75	1,00	2,1	1,2	IE3						10,1	9,8	9,6	6,8							46,6
CM 50-1270 T	60180073	400	DN 50	3 x 230 - 400 V ~	1,4	1,10	1,50	4,3	2,5	IE3								12,7	11,2	8,5						36
CM 50-1420 T	60180074	400	DN 50	3 x 230 - 400 V ~	1,4	1,10	1,50	4,3	2,5	IE3								14,2	13	10	6					36
CM-G 65-420/A/BAQE/0,25	1D4111GX3	360	DN 65	3 x 230 - 400 V ~	0,4	0,25	0,33	1,6	0,9	-		4,2						4,1	3,7	3	2,1					55
CM-G 65-540/A/BAQE/0,37	1D4111G13	360	DN 65	3 x 230 - 400 V ~	0,6	0,37	0,50	1,7	0,98	-		5,4						5,3	5	4,4	3,5					55
CM-G 65-660/A/BAQE/0,55	1D4111G23	360	DN 65	3 x 230 - 400 V ~	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	1D4211G23	360	DN 65	3 x 230 - 400 V ~	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	1D4211G3C	360	DN 65	3 x 230 - 400 V ~	1,2	0,75	1,00	3,57	2,06	IE2		9,2						9,2	9	8,4	7,4	5,7				73
CM-G 65-920/A/BAQE/0,75	1D4211G3W	360	DN 65	3 x 230 - 400 V ~	1,2	0,75	1,00	3,57	2,06	IE3		9,2						9,2	9	8,4	7,4	5,7				67
CM-G 65-1080/A/BAQE/1,1	1D4311G4C	475	DN 65	3 x 230 - 400 V ~	1,6	1,10	1,50	4,7	2,7	IE2		10,8							10,8	10,6	10,2	9,5	8,6	7,3		87
CM-G 65-1080/A/BAQE/1,1	1D4311G4W	475	DN 65	3 x 230 - 400 V ~	1,6	1,10	1,50	4,7	2,7	IE3		10,8							10,8	10,6	10,2	9,5	8,6	7,3		77
CM-G 65-1200/A/BAQE/1,5	1D4311G5C	475	DN 65	3 x 230 - 400 V ~	2,0	1,50	2,00	6,2	3,6	IE2		12							12	11,9	11,5	10,8	10,1	8,9		85
CM-G 65-1200/A/BAQE/1,5	1D4311G5W	475	DN 65	3 x 230 - 400 V ~	2,0	1,50	2,00	6,2	3,6	IE3		12							12	11,9	11,5	10,8	10,1	8,9		71
CM-G 65-1530/A/BAQE/2,2	1D4311G6C	475	DN 65	3 x 230 - 400 V ~	2,9	2,20	3,00	8,7	5	IE2		15,3							15,3	15,2	14,8	14	13,3	12,1	10,8	96
CM-G 65-1530/A/BAQE/2,2	1D4311G6W	475	DN 65	3 x 230 - 400 V ~	2,9	2,20	3,00	8,7	5	IE3		15,3							15,3	15,2	14,8	14	13,3	12,1	10,8	86
CM-G 65-1680/A/BAQE/3	1D4311G7D	475	DN 65	3 x 400 V ~ [1]	2,7	3,00	4,00		6,2	IE2		16,8							16,8	16,5	16,1	15,5	14,6	13,6	12,4	88
CM-G 65-1680/A/BAQE/3	1D4311G7X	475	DN 65	3 x 400 V ~ [1]	2,7	3,00	4,00		6,2	IE3		16,8							16,8	16,5	16,1	15,5	14,6	13,6	12,4	72
CM-G 65-2380/A/BAQE/4	1D4411G8D	475	DN 65	3 x 400 V ~ [1]	4,3	4,00	5,50		7,9	IE2		23,8							24	23,8	23,4	22,7	21,6	20,4	19	111
CM-G 65-2380/A/BAQE/4	1D4411G7X	475	DN 65	3 x 400 V ~ [1]	4,3	4,00	5,50		7,9	IE3		23,8							24	23,8	23,4	22,7	21,6	20,4	19	92

H (m)

[1] Star (⅄) starting is possible

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

CM / CM-G / DCM / DCM-G - 4 POLES
IN-LINE PUMPS

TECHNICAL DATA - CM-G *SINGLE FLANGES*

MODEL	CODE	CENTRE DISTANCE	PUMP COUPLINGS	ELECTRICAL DATA							HYDRAULIC DATA																			WEIGHT KG
				VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In (A) 230	In (A) 400	MOTOR TYPE	Q=m³h	0	12	18	24	30	36	42	48	60	72	84	90	102	114	120	150	180	
											Q=l/min	0	200	300	400	500	600	700	800	1000	1200	1400	1500	1700	1900	2000	2500	3000	
CM 80-550/A/BAQE/0,55	1D5111G23	360	DN 80	3 x 230 - 400 V ~	0,8	0,55	0,75	2,6	1,5	-		5,5	5,2	5	4,7	4,3	3,9	3,3	2,6										67
CM-G 80-650/A/ BAQE/0,75	1D5111G3C	360	DN 80	3 x 230 - 400 V ~	1,2	0,75	1,00	3,6	2,1	IE2		6,5	6,3	6,1	5,8	5,5	5	4,5	3,9										67
CM-G 80-650/A/ BAQE/0,75	1D5111G3W	360	DN 80	3 x 230 - 400 V ~	1,2	0,75	1,00	3,6	2,1	IE3		6,5	6,3	6,1	5,8	5,5	5	4,5	3,9										61
CM-G 80-740/A/BAQE/1,1	1D5211G4C	440	DN 80	3 x 230 - 400 V ~	1,5	1,10	1,50	4,2	2,7	IE2		7,4	7,4	7,3	7,2	6,9	6,7	6,3	5,8	4,4									78
CM-G 80-740/A/BAQE/1,1	1D5211G4W	440	DN 80	3 x 230 - 400 V ~	1,5	1,10	1,50	4,2	2,7	IE3		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	1D5211G5C	440	DN 80	3 x 230 - 400 V ~	2	1,50	2,00	6,2	3,6	IE2		8,9		8,8	8,7	8,6	8,3	8	7,6	6,6									81
CM-G 80-890/A/BAQE/1,5	1D5211G5W	440	DN 80	3 x 230 - 400 V ~	2	1,50	2,00	6,2	3,6	IE3		8,9		8,8	8,7	8,6	8,3	8	7,6	6,6									67
CM-G 80-1050/A/ BAQE/2,2	1D5211G6C	440	DN 80	3 x 230 - 400 V ~	2,4	2,20	3,00	8,7	5	IE2		10,5			10,4	10,3	10,2	9,9	9,6	8,8									90
CM-G 80-1050/A/ BAQE/2,2	1D5211G6W	440	DN 80	3 x 230 - 400 V ~	2,4	2,20	3,00	8,7	5	IE3		10,5			10,4	10,3	10,2	9,9	9,6	8,8									80
CM-G 80-1530/A/BAQE/3	1D5311G7D	500	DN 80	3 x 400 V ~ [1]	3,6	3,00	4,00		6,2	IE2	H (m)	15,3			15,4	15,3	15	14,6	14,1	12,9	11,3								97
CM-G 80-1530/A/BAQE/3	1D5311G7X	500	DN 80	3 x 400 V ~ [1]	3,6	3,00	4,00		6,2	IE3		15,3			15,4	15,3	15	14,6	14,1	12,9	11,3								81
CM-G 80-1700/A/BAQE/4	1D5311G8D	500	DN 80	3 x 400 V ~ [1]	3,9	4,00	5,50		7,9	IE2		17			17,2	17,2	17,1	16,8	16,5	15,7	14,3	12,6							117
CM-G 80-1700/A/BAQE/4	1D5311G8X	500	DN 80	3 x 400 V ~ [1]	3,9	4,00	5,50		7,9	IE3		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	1D5411G9D	620	DN 80	3 x 400 V ~ [1]	6,5	5,50	7,50		10,6	IE2		24,1			23,8	23,6	23,3	22,8	22,3	20,8	18,6								198
CM-G 80-2410/A/ BAQE/5,5	1D5411G9X	620	DN 80	3 x 400 V ~ [1]	6,5	5,50	7,50		10,6	IE3		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	1D5511GAD	620	DN 80	3 x 400 V ~ [1]	8,7	7,50	10,00		14,2	IE2		27						26	25,5	24,5	22,7	20,2	19						206
CM-G 80-2700/A/ BAQE/7,5	1D5511GAX	620	DN 80	3 x 400 V ~ [1]	8,7	7,50	10,00		14,6	IE3		27						26	25,5	24,5	22,7	20,2	19						187
CM-G 80-3420/A/BAQE/11	1D5511GBD	620	DN 80	3 x 400 V ~ [1]	12,7	11,00	15,00		21,6	IE2		34,2						33,2	33	32	30,7	29	28	25	21,7				296
CM-G 80-3420/A/BAQE/11	1D5511GBX	620	DN 80	3 x 400 V ~ [1]	12,7	11,00	15,00		20,5	IE3		34,2						33,2	33	32	30,7	29	28	25	21,7				277

[1] Star (⅄) starting is possible

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

CM / CM-G / DCM / DCM-G - 4 POLES
IN-LINE PUMPS

TECHNICAL DATA - CM-G *SINGLE WITH OVAL FLANGES*

MODEL	CODE	CENTRE DISTANCE	PUMP COUPLINGS	ELECTRICAL DATA						HYDRAULIC DATA																			WEIGHT KG
				VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In (A) 230	In (A) 400	MOTOR TYPE	Q=m³h	0	12	18	24	30	36	42	48	60	72	84	90	102	114	120	150	180	
											Q=l/min	0	200	300	400	500	600	700	800	1000	1200	1400	1500	1700	1900	2000	2500	3000	
CM-G 100-510/A/ BAQE/0,75	1D6111G3C	500	DN 100	3 x 230 - 400 V ~	1,2	0,75	1,00	3,6	2,6	IE2		5,1	4,9	4,8	4,7	4,7	4,4	4,2	3,8	3									84
CM-G 100-510/A/ BAQE/0,75	1D6111G3W	500	DN 100	3 x 230 - 400 V ~	1,2	0,75	1,00	3,6	2,6	IE3		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	1D6111G4C	500	DN 100	3 x 230 - 400 V ~	1,4	1,10	1,50	4,7	2,7	IE2		6,5	6,4	6,4	6,3	6,2	6	5,8	5,5	4,6									88
CM-G 100-650/A/ BAQE/1,1	1D6111G4W	500	DN 100	3 x 230 - 400 V ~	1,4	1,10	1,50	4,7	2,7	IE3		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	1D6211G5C	550	DN 100	3 x 230 - 400 V ~	2	1,50	2,00	6,2	3,6	IE2		6,6				6,4	6,3	6,2	6	5,6	5	4,5	4,3	3,7	3				109
CM-G 100-660/A/ BAQE/1,5	1D6211G5W	550	DN 100	3 x 230 - 400 V ~	2	1,50	2,00	6,2	3,6	IE3		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	1D6211G6C	550	DN 100	3 x 230 - 400 V ~	3	2,20	3,00	8,7	5	IE2		8,6				8,5	8,5	8,3	8,2	7,7	7,2	6,7	6,3	5,7	4,9	4,6			118
CM-G 100-865/A/ BAQE/2,2	1D6211G6W	550	DN 100	3 x 230 - 400 V ~	3	2,20	3,00	8,7	5	IE3		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	1D6211G7D	550	DN 100	3 x 400 V ~ [1]	3,6	3,00	4,00		6,2	IE2		10,2				10,2	10,1	10	9,9	9,7	9,3	8,8	8,6	7,9	7,2	6,7			118
CM-G 100-1020/A/BAQE/3	1D6211G7X	550	DN 100	3 x 400 V ~ [1]	3,6	3,00	4,00		6,2	IE3		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	1D6311G8D	550	DN 100	3 x 400 V ~ [1]	4,6	4,00	5,50		7,9	IE2		13,2						13,2	13,2	12,9	12,4	11,7	11,3	10,4	9,3	8,7			156
CM-G 100-1320/A/BAQE/4	1D6311G8X	550	DN 100	3 x 400 V ~ [1]	4,6	4,00	5,50		7,9	IE3		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	1D6311G9D	550	DN 100	3 x 400 V ~ [1]	6,9	5,50	7,50		10,6	IE2		16,5						16,6	16,5	16,2	16	15,4	15	14,3	13,3	12,7			176
CM-G 100-1650/A/ BAQE/5,5	1D6311G9X	550	DN 100	3 x 400 V ~ [1]	6,9	5,50	7,50		10,6	IE3		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	1D6411GAD	670	DN 100	3 x 400 V ~ [1]	8,5	7,50	10,00		14,2	IE2		20,5						21	21	20,7	20	19,5	19	18	16,7	16			249
CM-G 100-2050/A/ BAQE/7,5	1D6411GAX	670	DN 100	3 x 400 V ~ [1]	8,5	7,50	10,00		14,6	IE3		20,5						21	21	20,7	20	19,5	19	18	16,7	16			230
CM-G 100-2550/A/ BAQE/11	1D6411GBD	670	DN 100	3 x 400 V ~ [1]	12,1	11,00	15,00		21,6	IE2		25,5						25,5	25,5	25,1	25	24,2	24	23	21,5	21			342
CM-G 100-2550/A/ BAQE/11	1D6411GBX	670	DN 100	3 x 400 V ~ [1]	12,1	11,00	15,00		20,5	IE3		25,5						25,5	25,5	25,1	25	24,2	24	23	21,5	21			323
CM-G 100-3290/A/ BAQE/15	1D6511GCD	670	DN 100	3 x 400 V ~ [1]	17,1	15,00	20,00		29	IE2		32,9								33	32,8	32	31,6	30,5	29,5	28,9	24		351
CM-G 100-3290/A/ BAQE/15	1D6511GCX	670	DN 100	3 x 400 V ~ [1]	17,1	15,00	20,00		28	IE3		32,9								33	32,8	32	31,6	30,5	29,5	28,9	24		333
CM-G 100-3680/A/ BAQE/18,5	1D6511GDD	670	DN 100	3 x 400 V ~ [1]	19,6	18,50	25,00		33	IE2		36,8								37	36,8	36,5	36,1	35,5	34,5	34	29,5		397
CM-G 100-3680/A/ BAQE/18,5	1D6511GDX	670	DN 100	3 x 400 V ~ [1]	19,6	18,50	25,00		33,4	IE3		36,8								37	36,8	36,5	36,1	35,5	34,5	34	29,5		359
CM-G 100-4100/A/ BAQE/22	1D6511GED	670	DN 100	3 x 400 V ~ [1]	22,4	22,00	30,00		40	IE2		41								41,4	41	40,6	40,5	39,8	39	38,5	34,8	29	407
CM-G 100-4100/A/ BAQE/22	1D6511GEX	670	DN 100	3 x 400 V ~ [1]	22,4	22,00	30,00		40,5	IE3		41								41,4	41	40,6	40,5	39,8	39	38,5	34,8	29	370

H (m)

[1] Star (⅄) starting is possible

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

CM / CM-G / DCM / DCM-G - 4 POLES
IN-LINE PUMPS

TECHNICAL DATA - CM-G *SINGLE WITH OVAL FLANGES*

MODEL	CODE	CENTRE DISTANCE	PUMP COUPLINGS	ELECTRICAL DATA					MOTOR TYPE	HYDRAULIC DATA												WEIGHT KG
				VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In (A) 400		Q=m³h	0	60	72	84	90	102	114	120	150	180	210	
										Q=l/min	0	1000	1200	1400	1500	1700	1900	2000	2500	3000	3500	
CM-G 125-1075/A/ BAQE/4	1D7311G8D	620	DN 125	3 x 400 V ~ [1]	5,1	4,00	5,50	7,9	IE2		10,8	10,1	10	9,7	9,5	9,1	8,5	8,3	7	5,4		210
CM-G 125-1075/A/ BAQE/4	1D7311G8X	620	DN 125	3 x 400 V ~ [1]	5,1	4,00	5,50	7,9	IE3		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	1D7311G9D	620	DN 125	3 x 400 V ~ [1]	7,2	5,50	7,50	10,6	IE2		12,7	12,6	12,5	12,4	12,3	12	11,5	11,4	10,1	8,5		231
CM-G 125-1270/A/ BAQE/5,5	1D7311G9X	620	DN 125	3 x 400 V ~ [1]	7,2	5,50	7,50	10,6	IE3		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	1D7311GAD	620	DN 125	3 x 400 V ~ [1]	9,5	7,50	10,00	14,2	IE2		15,6	15,4	15,3	15,1	15	14,7	14,5	14,3	13,3	11,6	9,8	237
CM-G 125-1560/ A/BAQE/7,5	1D7311GAX	620	DN 125	3 x 400 V ~ [1]	9,5	7,50	10,00	14,6	IE3		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	1D7411GBD	800	DN 125	3 x 400 V ~ [1]	13,6	11,00	15,00	21,6	IE2		21	21,5	21,5	21,2	21	20,9	20	19,8	18	16		330
CM-G 125-2100/ A/BAQE/11	1D7411GBX	800	DN 125	3 x 400 V ~ [1]	13,6	11,00	15,00	20,5	IE3		21	21,5	21,5	21,2	21	20,9	20	19,8	18	16		311
CM-G 125-2550/ A/BAQE/15	1D7411GCD	800	DN 125	3 x 400 V ~ [1]	16,3	15,00	20,00	29	IE2	H (m)	25,5	25,5	25,5	25,1	25,1	25	24,5	24	22,5	20,5	17,5	339
CM-G 125-2550/ A/BAQE/15	1D7411GCX	800	DN 125	3 x 400 V ~ [1]	16,3	15,00	20,00	28	IE3		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	1D7511GDD	800	DN 125	3 x 400 V ~ [1]	17,9	18,50	25,00	33	IE2		32			31,5	31,4	31	30,5	28,8	26	23		384
CM-G 125-3200/A/ BAQE/18,5	1D7511GDX	800	DN 125	3 x 400 V ~ [1]	17,9	18,50	25,00	33,4	IE3		32			31,5	31,4	31	30,5	28,8	26	23		346
CM-G 125-3600/ A/BAQE/22	1D7511GED	800	DN 125	3 x 400 V ~ [1]	22,4	22,00	30,00	40	IE2		36			35,5	35,2	35	34,6	33,2	31	28	24	394
CM-G 125-3600/ A/BAQE/22	1D7511GEX	800	DN 125	3 x 400 V ~ [1]	22,4	22,00	30,00	40,5	IE3		36			35,5	35,2	35	34,6	33,2	31	28	24	357
CM-G 125-4022/ A/BAQE/30	1D7511GFD	800	DN 125	3 x 400 V ~ [1]	26,5	30,00	40,00	53,3	IE2		40,2			39,7	39,3	39,1	38,7	37,1	34,6	31,3	26,8	449
CM-G 125-4022/ A/BAQE/30	1D7511GFX	800	DN 125	3 x 400 V ~ [1]	26,5	30,00	40,00	53,5	IE3		40,2			39,7	39,3	39,1	38,7	37,1	34,6	31,3	26,8	453

MODEL	CODE	CENTRE DISTANCE	PUMP COUPLINGS	ELECTRICAL DATA					MOTOR TYPE	HYDRAULIC DATA																WEIGHT KG
				VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In (A) 400		Q=m³h	0	84	90	102	114	120	150	180	210	250	300	360	390	420	
										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	1D8411G9D	800	DN 150	3 x 400 V ~ [1]	7,5	5,50	7,50	10,6	IE2		9,6		10,1	10,1	10	10	9,8	9,6	9,4	8	5,9					292
CM-G 150-955/A/ BAQE/5,5	1D8411G9X	800	DN 150	3 x 400 V ~ [1]	7,5	5,50	7,50	10,6	IE3		9,6		10,1	10,1	10	10	9,8	9,6	9,4	8	5,9					298
CM-G 150-1322/A/ BAQE/7,5	1D8411GAD	800	DN 150	3 x 400 V ~ [1]	8,9	7,50	10,00	14,2	IE2		13,2		13	12,8	12,6	12,5	11,9	11,1	10,1	8,5						298
CM-G 150-1322/A/ BAQE/7,5	1D8411GAX	800	DN 150	3 x 400 V ~ [1]	8,9	7,50	10,00	14,6	IE3		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	1D8411GBD	800	DN 150	3 x 400 V ~ [1]	13	11,00	15,00	21,6	IE2		16			15,5	15,5	15,4	14,8	14	13	11	9,2					346
CM-G 150-1600/ A/BAQE/11	1D8411GBX	800	DN 150	3 x 400 V ~ [1]	13	11,00	15,00	20,5	IE3		16			15,5	15,5	15,4	14,8	14	13	11	9,2					327
CM-G 150-1950/ A/BAQE/15	1D8411GCD	800	DN 150	3 x 400 V ~ [1]	17,5	15,00	20,00	29	IE2	H (m	19,5			19,5	19,4	19,3	19,2	18,7	17,8	16	14,1	10,9				355
CM-G 150-1950/ A/BAQE/15	1D8411GCX	800	DN 150	3 x 400 V ~ [1]	17,5	15,00	20,00	28	IE3		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	1D8411GDD	800	DN 150	3 x 400 V ~ [1]	21,1	18,50	25,00	33	IE2		22			22	21,9	21,8	21,7	21,4	20,5	19	17,2	14	12			399
CM-G 150-2200/A/ BAQE/18,5	1D8411GDX	800	DN 150	3 x 400 V ~ [1]	21,1	18,50	25,00	33,4	IE3		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	1D8411GED	800	DN 150	3 x 400 V ~ [1]	23,8	22,00	30,00	40	IE2		24,1			23,9	23,9	23,8	23,6	23,2	22,7	21,8	20,2	17,5	15,6	14		410
CM-G 150-2405/ A/BAQE/22	1D8411GEX	800	DN 150	3 x 400 V ~ [1]	23,8	22,00	30,00	40,5	IE3		24,1			23,9	23,9	23,8	23,6	23,2	22,7	21,8	20,2	17,5	15,6	14		373

[1] Star (⋏) starting is possible

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

CM / CM-G / DCM / DCM-G - 4 POLES
IN-LINE PUMPS

TECHNICAL DATA - DCM / DCM-G *TWIN FLANGES*

MODEL	CODE	CENTRE DISTANCE	PUMP COUPLINGS	ELECTRICAL DATA							HYDRAULIC DATA													WEIGHT KG
				VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINALE kW	P2 NOMINALE HP	In (A) 230	In (A) 400	MOTOR TYPE	Q=m³h	1,8	2,4	3,0	4,5	6	9	10,5	12	13,5	15	18	
											Q=l/min	30	40	50	75	100	150	175	200	225	250	300	
DCM 40/380 T	105222100	340	DN 40	3x230-400 V ~	0,41	0,25	0,33	1,6	0,9	-	H (m)	3,8	3,7	3,6	3,15	2,6							41
DCM 40/460 T	105222110	340	DN 40	3x230-400 V ~	0,41	0,25	0,33	1,6	0,9	-			4,6	4,5	4,1	3,6	2,2						41
DCM 40/620 T	105222120	340	DN 40	3x230-400 V ~	0,41	0,25	0,33	1,6	0,9	-				6,2	6	5,8	4,5	3,9	3				41
DCM 50/460 T	105222130	365	DN 50	3x230-400 V ~	0,41	0,25	0,33	1,6	0,9	-						4,6	4,3	4,1	3,9	3,6	3,3	2,4	46
DCM 50/630 T	105222140	365	DN 50	3x230-400 V ~	0,57	0,37	0,50	2,1	1,2	-						6,3	6,1	6	5,8	5,5	5,2	4,6	46
DCM 50/880 T	105222150	410	DN 50	3x230-400 V ~	0,79	0,50	0,70	2,9	1,7	-						8,8	8,3	8	7,7	7,3	6,9	5,9	52

MODEL	CODE	CENTRE DISTANCE	PUMP COUPLINGS	ELECTRICAL DATA							HYDRAULIC DATA												WEIGHT KG
				VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINALE kW	P2 NOMINALE HP	In (A) 230	In (A) 400	MOTOR TYPE	Q=m³h	0	6	12	18	24	30	36	42	48	54	
											Q=l/min	0	100	200	300	400	500	600	700	800	900	
DCM-G 65-420/A/BAQE/0,25	60162116	360	DN 65	3x230-400 V ~	0,4	0,25	0,33	1,6	0,9	-	H (m)	4,2	4,1	3,5	2,7	1,7						112
DCM-G 65-540/A/BAQE/0,37	60162117	360	DN 65	3x230-400 V ~	0,6	0,37	0,50	1,7	1,0	-		5,4	5,3	4,8	3,9	2,8						112
DCM-G 65-660/A/BAQE/0,55	60162118	360	DN 65	3x230-400 V ~	0,8	0,55	0,75	2,6	1,5	-		6,5	6,4	5,9	5,1	3,8						136
DCM-G 65-760/A/BAQE/0,55	60162119	360	DN 65	3x230-400 V ~	0,8	0,55	0,75	2,6	1,5	-		7,5	7,6	7,3	6,0	4,3						135
DCM-G 65-920/A/BAQE/0,75	60162120	360	DN 65	3x230-400 V ~	1,2	0,75	1,00	3,6	2,1	IE2		9,1	9,1	8,8	7,8	6,4	4,5					139
DCM-G 65-920/A/BAQE/0,75	60180075	360	DN 65	3x230-400 V ~	1,2	0,75	1,00	3,6	2,1	IE3		9,1	9,1	8,8	7,8	6,4	4,5					126
DCM-G 65-1080/A/BAQE/1,1	60162121	475	DN 65	3x230-400 V ~	1,6	1,10	1,50	4,7	2,7	IE2		10,8		10,7	10,4	9,7	8,8	7,7	6,2			183
DCM-G 65-1080/A/BAQE/1,1	60180076	475	DN 65	3x230-400 V ~	1,6	1,10	1,50	4,7	2,7	IE3		10,8		10,7	10,4	9,7	8,8	7,7	6,2			163
DCM-G 65-1200/A/BAQE/1,5	60162122	475	DN 65	3x230-400 V ~	2,0	1,50	2,00	6,2	3,6	IE2		12,0		11,9	11,6	11,0	10,0	9,0	7,6			188
DCM-G 65-1200/A/BAQE/1,5	60180077	475	DN 65	3x230-400 V ~	2,0	1,50	2,00	6,2	3,6	IE3		12,0		11,9	11,6	11,0	10,0	9,0	7,6			161
DCM-G 65-1530/A/BAQE/2,2	60162123	475	DN 65	3x230-400 V ~	2,9	2,20	3,00	8,7	5,0	IE2		15,3		15,2	15,0	14,4	13,4	12,5	11,0	9,5	8,0	194
DCM-G 65-1530/A/BAQE/2,2	60180078	475	DN 65	3x230-400 V ~	2,9	2,20	3,00	8,7	5,0	IE3		15,3		15,2	15,0	14,4	13,4	12,5	11,0	9,5	8,0	173
DCM-G 65-1680/A/BAQE/3	60162124	475	DN 65	3 x 400 V ~ [1]	2,7	3,00	4,00		6,2	IE2		16,8		16,7	16,3	15,7	14,9	13,7	12,4	11,0	9,3	199
DCM-G 65-1680/A/BAQE/3	60180079	475	DN 65	3 x 400 V ~ [1]	2,7	3,00	4,00		6,2	IE3		16,8		16,7	16,3	15,7	14,9	13,7	12,4	11,0	9,3	166
DCM-G 65-2380/A/BAQE/4	60162125	475	DN 65	3 x 400 V ~ [1]	4,3	4,00	5,50		7,9	IE2		23,8		23,9	23,5	22,8	21,8	20,3	18,6	16,8	14,5	226
DCM-G 65-2380/A/BAQE/4	60180080	475	DN 65	3 x 400 V ~ [1]	4,3	4,00	5,50		7,9	IE3		23,8		23,9	23,5	22,8	21,8	20,3	18,6	16,8	14,5	188

[1] Star (⅄) starting is possible

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

CM / CM-G / DCM / DCM-G - 4 POLES
IN-LINE PUMPS

TECHNICAL DATA - DCM / DCM-G *TWIN WITH OVAL FLANGES*

MODEL	CODE	CENTRE DISTANCE	PUMP COUPLINGS	ELECTRICAL DATA							HYDRAULIC DATA																			WEIGHT KG
				VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINALE kW	P2 NOMINALE HP	In (A) 230	In (A) 400	MOTOR TYPE	Q=m³h	0	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	
											Q=l/min	0	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	
DCM-G 80-550/A/BAQE/0,55	60162126	360	DN 80	3x230-400 V ~	0,8	0,55	0,75	2,6	1,5	-		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	60162127	360	DN 80	3x230-400 V ~	1,2	0,75	1,00	3,6	2,1	IE2		6,5	6,2	5,8	5,2	4,5	3,7	2,9	2,1										129
DCM-G 80-650/A/BAQE/0,75	60180082	360	DN 80	3x230-400 V ~	1,2	0,75	1,00	3,6	2,1	IE3		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	60162128	440	DN 80	3x230-400 V ~	1,5	1,10	1,50	4,7	2,7	IE2		7,1			6,8	6,3	5,9	5,1	4,3	3,5	2,5									198
DCM-G 80-740/A/BAQE/1,1	60180083	440	DN 80	3x230-400 V ~	1,5	1,10	1,50	4,7	2,7	IE3		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	60162129	440	DN 80	3x230-400 V ~	2,0	1,50	2,00	6,2	3,6	IE2		8,5			8,3	8,0	7,5	6,8	6,1	5,3	4,4	3,5								206
DCM-G 80-890/A/BAQE/1,5	60180084	440	DN 80	3x230-400 V ~	2,0	1,50	2,00	6,2	3,6	IE3		8,5			8,3	8,0	7,5	6,8	6,1	5,3	4,4	3,5								179
DCM-G 80-1050/A/BAQE/2,2	60162130	440	DN 80	3x230-400 V ~	2,4	2,20	3,00	8,7	5,0	IE2		10,1			10,1	9,9	9,5	9,0	8,4	7,7	6,9			3,8						224
DCM-G 80-1050/A/BAQE/2,2	60180085	440	DN 80	3x230-400 V ~	2,4	2,20	3,00	8,7	5,0	IE3		10,1			10,1	9,9	9,5	9,0	8,4	7,7	6,9			3,8						203
DCM-G 80-1530/A/BAQE/3	60162131	500	DN 80	3 x 400 V ~ [1]	3,6	3,00	4,00		6,2	IE2	H (m)	14,4			14,1	13,7	13,0	12,2	11,3	10,2	9,2	8,0	6,8							244
DCM-G 80-1530/A/BAQE/3	60180086	500	DN 80	3 x 400 V ~ [1]	3,6	3,00	4,00		6,2	IE3		14,4			14,1	13,7	13,0	12,2	11,3	10,2	9,2	8,0	6,8							211
DCM-G 80-1700/A/BAQE/4	60162132	500	DN 80	3 x 400 V ~ [1]	3,9	4,00	5,50		7,9	IE2		16,0			15,7	15,5	15,3	14,6	14,0	13,2	12,3	11,2	10,0	8,9	7,7					270
DCM-G 80-1700/A/BAQE/4	60180087	500	DN 80	3 x 400 V ~ [1]	3,9	4,00	5,50		7,9	IE3		16,0			15,7	15,5	15,3	14,6	14,0	13,2	12,3	11,2	10,0	8,9	7,7					232
DCM-G 80-2410/A/BAQE/5,5	60162133	620	DN 80	3 x 400 V ~ [1]	6,5	5,50	7,50		10,6	IE2		24,1					23,3	22,7	22,0	21,1	20,2	18,9	17,6	16,2						435
DCM-G 80-2410/A/BAQE/5,5	60180088	620	DN 80	3 x 400 V ~ [1]	6,5	5,50	7,50		10,6	IE3		24,1					23,3	22,7	22,0	21,1	20,2	18,9	17,6	16,2						447
DCM-G 80-2700/A/BAQE/7,5	60162134	620	DN 80	3 x 400 V ~ [1]	8,7	7,50	10,00		14,2	IE2		27,0					26,1	26,1	25,5	24,9	24,2	23,2	22,1	20,7	19,3	17,9				487
DCM-G 80-2700/A/BAQE/7,5	60167327	620	DN 80	3 x 400 V ~ [1]	8,7	7,50	10,00		14,6	IE3		27,0					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	60162135	620	DN 80	3 x 400 V ~ [1]	12,7	11,00	15,00		21,6	IE2		34,2					33,3	33,3	32,9	32,3	31,8	30,9	29,9	29,0	27,8	24,4	22,0			521
DCM-G 80-3420/A/BAQE/11	60167328	620	DN 80	3 x 400 V ~ [1]	12,7	11,00	15,00		20,5	IE3		34,2					33,3	33,3	32,9	32,3	31,8	30,9	29,9	29,0	27,8	24,4	22,0			502

[1] Star (⅄) starting is possible

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

CM / CM-G / DCM / DCM-G - 4 POLES
IN-LINE PUMPS

TECHNICAL DATA - DCM / DCM-G *TWIN WITH OVAL FLANGES*

MODEL	CODE	CENTRE DISTANCE.	PUMP COUPLINGS	ELECTRICAL DATA							HYDRAULIC DATA																												WEIGHT KG
				VOLTAGE. 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In (A) 230	In (A) 400	MOTOR TYPE	Q=m³h	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	60162136	500	DN 100	3x230-400 V ~	1,2	0,75	1,00	3,6	2,1	IE2		4,9	4,8	4,7	4,6	4,5	4,0	3,7	3,2	2,6	2,1																			213
DCM-G 100-510/A/BAQE/0,75	60180089	500	DN 100	3x230-400 V ~	1,2	0,75	1,00	3,6	2,1	IE3		4,9	4,8	4,7	4,6	4,5	4,0	3,7	3,2	2,6	2,1																			200
DCM-G 100-650/A/BAQE/1,1	60162137	500	DN 100	3x230-400 V ~	1,4	1,10	1,50	4,7	2,7	IE2		6,3	6,3	6,3	6,1	5,9	5,5	5,1	4,6	4,0	3,3																			222
DCM-G 100-650/A/BAQE/1,1	60180090	500	DN 100	3x230-400 V ~	1,4	1,10	1,50	4,7	2,7	IE3		6,3	6,3	6,3	6,1	5,9	5,5	5,1	4,6	4,0	3,3																			202
DCM-G 100-660/A/BAQE/1,5	60162138	550	DN 100	3x230-400 V ~	2,0	1,50	2,00	6,2	3,6	IE2		6,6				6,4	6,2	6,0	5,8	5,6	5,3	4,9	4,5	4,1	3,7	3,4	2,6	1,8												256
DCM-G 100-660/A/BAQE/1,5	60180091	550	DN 100	3x230-400 V ~	2,0	1,50	2,00	6,2	3,6	IE3		6,6				6,4	6,2	6,0	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	60162139	550	DN 100	3x230-400 V ~	3	2,20	3,00	8,7	5,0	IE2		8,6				8,5	8,4	8,1	8,0	7,7	7,4	7,0	6,6	6,1	5,7	5,2	4,2	3,2	2,8											246
DCM-G 100-865/A/BAQE/2,2	60180092	550	DN 100	3x230-400 V ~	3	2,20	3,00	8,7	5,0	IE3		8,6				8,5	8,4	8,1	8,0	7,7	7,4	7,0	6,6	6,1	5,7	5,2	4,2	3,2	2,8											225
DCM-G 100-1020/A/BAQE/3	60162140	550	DN 100	3 x 400 V ~ [1]	3,6	3,00	4,00		6,2	IE2		10,2				10,2	10,0	9,8	9,6	9,5	9,3	8,9	8,5	8,0	7,5	7,1	5,9	4,7	4,0											257
DCM-G 100-1020/A/BAQE/3	60180093	550	DN 100	3 x 400 V ~ [1]	3,6	3,00	4,00		6,2	IE3		10,2				10,2	10,0	9,8	9,6	9,5	9,3	8,9	8,5	8,0	7,5	7,1	5,9	4,7	4,0											224
DCM-G 100-1320/A/BAQE/4	60162141	550	DN 100	3 x 400 V ~ [1]	4,6	4,00	5,50		7,9	IE2		13,2						13,2	13,1	13,0	12,8	12,4	11,9	11,3	10,8	10,2	8,8	7,4	6,6											301
DCM-G 100-1320/A/BAQE/4	60180094	550	DN 100	3 x 400 V ~ [1]	4,6	4,00	5,50		7,9	IE3		13,2						13,2	13,1	13,0	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	60162142	550	DN 100	3 x 400 V ~ [1]	6,9	5,50	7,50		10,6	IE2	H (m)	16,5						16,5	16,4	16,3	16,0	15,8	15,5	14,9	14,4	13,7	12,4	10,8	10,0											344
DCM-G 100-1650/A/BAQE/5,5	60180095	550	DN 100	3 x 400 V ~ [1]	6,9	5,50	7,50		10,6	IE3		16,5						16,5	16,4	16,3	16,0	15,8	15,5	14,9	14,4	13,7	12,4	10,8	10,0											356
DCM-G 100-2050/A/BAQE/7,5	60162143	670	DN 100	3 x 400 V ~ [1]	8,5	7,50	10,00		14,2	IE2		19,3								19,2	18,8	18,5	17,9	17,6	17,2	16,6	15,5	14,1	13,3											546
DCM-G 100-2050/A/BAQE/7,5	60167329	670	DN 100	3 x 400 V ~ [1]	8,5	7,50	10,00		14,6	IE3		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	60162144	670	DN 100	3 x 400 V ~ [1]	12,1	11,00	15,00		21,6	IE2		24,0								23,3	22,8	22,6	22,4	21,9	21,4	21,0	19,8	18,1	17,5											553
DCM-G 100-2550/A/BAQE/11	60167330	670	DN 100	3 x 400 V ~ [1]	12,1	11,00	15,00		20,5	IE3		24,0								23,3	22,8	22,6	22,4	21,9	21,4	21,0	19,8	18,1	17,5											534
DCM-G 100-3290/A/BAQE/15	60162145	670	DN 100	3 x 400 V ~ [1]	17	15,00	20,00		29	IE2		30,9								30,5	30,3	30,1	29,9	29,4	28,8	28,3	27,0	25,8	25,1	20,0										741
DCM-G 100-3290/A/BAQE/15	60167331	670	DN 100	3 x 400 V ~ [1]	17,1	15,00	20,00		28	IE3		30,9								30,5	30,3	30,1	29,9	29,4	28,8	28,3	27,0	25,8	25,1	20,0										723
DCM-G 100-3680/A/ BAQE/18,5	60162146	670	DN 100	3 x 400 V ~ [1]	19,6	18,50	25,00		33	IE2		34,6								34,2	34,0	33,7	33,5	33,1	32,9	32,4	31,5	30,2	29,5	24,5										898
DCM-G 100-3680/A/ BAQE/18,5	60167332	670	DN 100	3 x 400 V ~ [1]	19,6	18,50	25,00		33,4	IE3		34,6								34,2	34,0	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	60162147	670	DN 100	3 x 400 V ~ [1]	22,4	22,00	30,00		40	IE2		41,0								41,4	41,4	41,2	41,0	40,8	40,6	40,5	39,8	39,0	38,5	34,8	29,0									1006
DCM-G 100-4100/A/BAQE/22	60167333	670	DN 100	3 x 400 V ~ [1]	22,4	22,00	30,00		40,5	IE3		41,0								41,4	41,4	41,2	41,0	40,8	40,6	40,5	39,8	39,0	38,5	34,8	29,0									969

[1] Star (⅄) starting is possible

DAB WATER•TECHNOLOGY

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

CM / CM-G / DCM / DCM-G - 4 POLES
IN-LINE PUMPS

TECHNICAL DATA - DCM-G *TWIN FLANGES*

MODEL	CODE	CENTRE DISTANCE.	PUMP COUPLINGS	ELECTRICAL DATA						HYDRAULIC DATA																WEIGHT KG
				VOLTAGE. 50 Hz	P1 MAX kW	P2 NOMINALE kW	P2 NOMINALE HP	In (A) 400	MOTOR TYPE	Q=m³h	0	60	66	72	78	84	90	102	114	120	150	180	210		
										Q=l/min	0	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500		
DCM-G 125-1075/A/BAQE/4	60162148	620	DN 125	3 x 400 V ~ [1]	5,1	4,00	5,50	7,9	IE2		10,0	9,5	9,4	9,2	9,0	8,7	8,4	7,7	6,8	6,5	4,4	2,4			494
DCM-G 125-1075/A/BAQE/4	60180096	620	DN 125	3 x 400 V ~ [1]	5,1	4,00	5,50	7,9	IE3		10,0	9,5	9,4	9,2	9,0	8,7	8,4	7,7	6,8	6,5	4,4	2,4			456
DCM-G 125-1270/A/BAQE/5,5	60162149	620	DN 125	3 x 400 V ~ [1]	7,2	5,50	7,50	10,6	IE2		11,7	11,8	11,7	11,5	11,4	11,1	10,8	10,2	9,2	8,9	6,4	3,8			496
DCM-G 125-1270/A/BAQE/5,5	60180097	620	DN 125	3 x 400 V ~ [1]	7,2	5,50	7,50	10,6	IE3		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	60162150	620	DN 125	3 x 400 V ~ [1]	9,5	7,50	10,00	14,2	IE2		14,4	14,6	14,6	14,4	14,2	14,0	13,8	13,2	12,7	12,3	10,2	7,5	4,9		526
DCM-G 125-1560/A/BAQE/7,5	60167334	620	DN 125	3 x 400 V ~ [1]	9,5	7,50	10,00	14,6	IE3		14,4	14,6	14,6	14,4	14,2	14,0	13,8	13,2	12,7	12,3	10,2	7,5	4,9		507
DCM-G 125-2100/A/BAQE/11	60162151	800	DN 125	3 x 400 V ~ [1]	13,6	11,00	15,00	21,6	IE2		20,1					19,9	19,6	19,3	18,2	17,8	15,4	12,7			756
DCM-G 125-2100/A/BAQE/11	60167335	800	DN 125	3 x 400 V ~ [1]	13,6	11,00	15,00	20,5	IE3		20,1					19,9	19,6	19,3	18,2	17,8	15,4	12,7			737
DCM-G 125-2550/A/BAQE/15	60162152	800	DN 125	3 x 400 V ~ [1]	16,3	15,00	20,00	29	IE2	H (m)	24,5					23,8	23,7	23,4	22,7	22,1	20,0	17,4	13,9		868
DCM-G 125-2550/A/BAQE/15	60167336	800	DN 125	3 x 400 V ~ [1]	16,3	15,00	20,00	28	IE3		24,5					23,8	23,7	23,4	22,7	22,1	20,0	17,4	13,9		850
DCM-G 125-3200/A/ BAQE/18,5	60162153	800	DN 125	3 x 400 V ~ [1]	17,9	18,50	25,00	33	IE2		30,7					29,6	29,3	28,6	27,7	25,9	22,2	18,3			926
DCM-G 125-3200/A/ BAQE/18,5	60167337	800	DN 125	3 x 400 V ~ [1]	17,9	18,50	25,00	33,4	IE3		30,7					29,6	29,3	28,6	27,7	25,9	22,2	18,3			888
DCM-G 125-3600/A/BAQE/22	60162154	800	DN 125	3 x 400 V ~ [1]	22,4	22,00	30,00	40	IE2		34,5					33,7	33,3	32,8	32,1	30,6	27,6	23,7	19,1		970
DCM-G 125-3600/A/BAQE/22	60167338	800	DN 125	3 x 400 V ~ [1]	22,4	22,00	30,00	40,5	IE3		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	60162155	800	DN 125	3 x 400 V ~ [1]	26,5	30,00	40,00	53,31	IE2		39,0					38,9	38,5	37,6	36,6	36,1	33,2	29,5	24,7		1069
DCM-G 125-4022/A/BAQE/30	60167339	800	DN 125	3 x 400 V ~ [1]	26,5	30,00	40,00	53,5	IE3		39,0					38,9	38,5	37,6	36,6	36,1	33,2	29,5	24,7		1073

MODEL	CODE	CENTRE DIST.	PUMP COUPLINGS	ELECTRICAL DATA						HYDRAULIC DATA																		WEIGHT KG
				VOLTAGE. 50 Hz	P1 MAX kW	P2 NOMINALE kW	P2 NOMINALE HP	In (A) 400	MOTOR TYPE	Q=m³h	0	90	102	114	120	150	180	210	240	250	270	330	360	390	420	
										Q=l/min	0	1500	1700	1900	2000	2500	3000	3500	4000	4167	4500	5500	6000	6500	7000	
DCM-G 150-955/A/BAQE/5,5	60162156	800	DN 150	3 x 400 V ~ [1]	7,5	5,50	7,50	10,6	IE2		9,6				8,1	7,0	6,2	4,9	3,5	2,8						651
DCM-G 150-955/A/BAQE/5,5	60180098	800	DN 150	3 x 400 V ~ [1]	7,5	5,50	7,50	10,6	IE3		9,6				8,1	7,0	6,2	4,9	3,5	2,8						663
DCM-G 150-1322/A/BAQE/7,5	60162157	800	DN 150	3 x 400 V ~ [1]	8,9	7,50	10,00	14,2	IE2		11,8	11,5	11,5	11,4	11,0	10,0	8,5	7,2	6,0	5,5						681
DCM-G 150-1322/A/BAQE/7,5	60167340	800	DN 150	3 x 400 V ~ [1]	8,9	7,50	10,00	14,6	IE3		11,8	11,5	11,5	11,4	11,0	10,0	8,5	7,2	6,0	5,5						662
DCM-G 150-1600/A/BAQE/11	60162158	800	DN 150	3 x 400 V ~ [1]	13	11,00	15,00	21,6	IE2		14,8		14,2	14,2	14,0	13,4	12,5	11,4	10,1	9,4	8,8	7,5				707
DCM-G 150-1600/A/BAQE/11	60167341	800	DN 150	3 x 400 V ~ [1]	13	11,00	15,00	20,5	IE3		14,8		14,2	14,2	14,0	13,4	12,5	11,4	10,1	9,4	8,8	7,5				688
DCM-G 150-1950/A/BAQE/15	60162159	800	DN 150	3 x 400 V ~ [1]	17	15,00	20,00	29	IE2	H (m)	18,1		17,9	17,8	17,7	17,5	16,9	15,9	14,8	14,0	13,5	12,0	10,5	8,9		806
DCM-G 150-1950/A/BAQE/15	60167342	800	DN 150	3 x 400 V ~ [1]	17,5	15,00	20,00	28	IE3		18,1		17,9	17,8	17,7	17,5	16,9	15,9	14,8	14,0	13,5	12,0	10,5	8,9		788
DCM-G 150-2200/A/ BAQE/18,5	60162160	800	DN 150	3 x 400 V ~ [1]	21	18,50	25,00	33	IE2		20,2		20,7	20,6	20,4	20,2	19,7	18,5	17,3	16,6	15,0	14,2	12,2	10,5	8,5	834
DCM-G 150-2200/A/ BAQE/18,5	60167343	800	DN 150	3 x 400 V ~ [1]	21,1	18,50	25,00	33,4	IE3		20,2		20,7	20,6	20,4	20,2	19,7	18,5	17,3	16,6	15,0	14,2	12,2	10,5	8,5	796
DCM-G 150-2405/A/BAQE/22	60162161	800	DN 150	3 x 400 V ~ [1]	23,8	22,00	30,00	40	IE2		22,5		22,2	22,0	21,9	21,4	21,0	20,0	19,0	18,5	17,8	16,0	14,0	12,0	9,7	967
DCM-G 150-2405/A/BAQE/22	60167344	800	DN 150	3 x 400 V ~ [1]	23,8	22,00	30,00	40,5	IE3		22,5		22,2	22,0	21,9	21,4	21,0	20,0	19,0	18,5	17,8	16,0	14,0	12,0	9,7	930

[1] Star (⅄) starting is possible

CP / CP-G / DCP / DCP-G - 2 POLES
IN-LINE PUMPS

IE2 ≥ 0,75kW ONLY FOR EXTRA MARKETS EU

HEATING, AIR CONDITIONING, SOLAR PANEL AND HOT WATER SYSTEM

Circulating pumps with in-line connections, suitable for civil and industrial installations for heating, air-conditioning and hot water for domestic use. Pump body and motor support in cast iron. PN 16 flanged suction and delivery connections with threaded holes for control pressure gauges. Technopolymer impeller and carbon/ceramic mechanical seal.
Three-phase, two-pole, asynchronous motor with external ventilation. To protect the motor it is advisable to use a thermal overload protection complying with the regulations in force.

Operating range: from 3,6 to 420 m³/h with head up to 102 metres.
Liquid temperature range: from -10°C to +140°C.
Pumped liquid characteristics: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral.
Maximum ambient temperature: +40°C
Maximum working pressure: 16 bar (1600 kPa).
Protection level: IP 55
Insulation class: F
PN 16 counter flanges on request.

ACCESSORIES PAG. 63

TECHNICAL DATA - CP / CP-G *SINGLE WITH OVAL FLANGES*

MODEL	CODE	CENTRE DISTANCE	PUMP COUPLINGS	ELECTRICAL DATA						MOTOR TYPE	HYDRAULIC DATA										WEIGHT KG
				VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In (A)			Q=m³h	0	3,6	4,8	6	12	18	24	30	36	
						kW	HP	230	400		Q=l/min	0	60	80	100	200	300	400	500	600	
CP 40/1900 T	60145823	390	DN 40	3 x 230 - 400 V ~	1,1	0,75	1	5,4	3,1	IE2		17,6	17,6	17,4	17	14					41
CP 40/1900 T	60179895	390	DN 40	3 x 230 - 400 V ~	1,1	0,75	1	5,4	3,1	IE3		17,6	17,6	17,4	17	14					41
CP 40/2300 T	60145824	390	DN 40	3 x 230 - 400 V ~	1,45	1,1	1,5	5,9	3,4	IE2		21,8	21,8	21,3	21	18					41
CP 40/2300 T	60179889	390	DN 40	3 x 230 - 400 V ~	1,45	1,1	1,5	5,9	3,4	IE3		21,8	21,8	21,3	21	18					41
CP 40/2700 T	60145928	390	DN 40	3 x 230 - 400 V ~	1,89	1,5	2	7,1	4,1	IE2		26,9	26,9	26,7	26,2	23,2					39
CP 40/2700 T	60179896	390	DN 40	3 x 230 - 400 V ~	1,89	1,5	2	7,1	4,1	IE3		26,9	26,9	26,7	26,2	23,2					40
CP 40/3500 T	60146008	390	DN 40	3 x 230 - 400 V ~	2,53	2,21	3	8,9	5,1	IE2		34,8	34,9	34,7	34,2	31,7					44
CP 40/3500 T	60180101	390	DN 40	3 x 230 - 400 V ~	2,53	2,21	3	8,9	5,1	IE3		34,8	34,9	34,7	34,2	31,7					44
CP 40/3800 T	60180102	320	DN 40	3 x 230 - 400 V ~	3,54	3	4	10,2	5,9	IE3					38	35	30				37
CP 40/4700 T	60180103	380	DN 40	3 x 230 - 400 V ~	4,87	4	5,5	13,5	7,8	IE3					47	44	39,5	35			50
CP 40/5500 T	60180104	380	DN 40	3 x 400 V ~ [1]	6,57	5,5	7,5	-	10,6	IE3					55	53	48	42			55
CP 40/6200 T	60167345	380	DN 40	3 x 400 V ~ [1]	9,18	7,5	10	-	14,4	IE3	H (m)				62	59	54	49			56
CP 50/2200 T	60145825	425	DN 50	3 x 230 - 400 V ~	1,42	1,1	1,5	5,8	3,4	IE2					20	16,5	11				38,6
CP 50/2200 T	60179897	425	DN 50	3 x 230 - 400 V ~	1,42	1,1	1,5	5,8	3,4	IE3					20	16,5	11				38,6
CP 50/2600 T	60145929	425	DN 50	3 x 230 - 400 V ~	1,89	1,5	2	6,9	4,0	IE2					25	22	16				38,5
CP 50/2600 T	60179892	425	DN 50	3 x 230 - 400 V ~	1,89	1,5	2	6,9	4,0	IE3					25	22	16				39
CP 50/3100 T	60146009	425	DN 50	3 x 230 - 400 V ~	2,51	2,2	3	8,7	5,0	IE2					31	28,5	24				36
CP 50/3100 T	60179891	425	DN 50	3 x 230 - 400 V ~	2,51	2,2	3	8,7	5,0	IE3					31	28,5	24				36
CP 50/4100 T	60146076	425	DN 50	3 x 230 - 400 V ~	3,8	4	5,5	11,6	6,7	IE2					40,7	38,5	34,5	27,7			36
CP 50/4100 T	60179893	425	DN 50	3 x 230 - 400 V ~	3,8	4	5,5	11,6	6,7	IE3					40,7	38,5	34,5	27,7			36
CP 50/4600 T	60180107	400	DN 50	3 x 400 V ~ [1]	6,57	5,5	7,5	-	10,6	IE3							44	41,5	37	31	46
CP 50/5100 T	60167346	400	DN 50	3 x 400 V ~ [1]	9,18	7,5	10	-	14,4	IE3							50	47,5	42,5	37	46,1
CP 50/5650 T	60167347	400	DN 50	3 x 400 V ~ [1]	9,18	7,5	10	-	14,4	IE3							55,5	53	49	44	57,9

[1] Star (⅄) starting is possible

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

CP / CP-G / DCP / DCP-G - 2 POLES
IN-LINE PUMPS

TECHNICAL DATA - CP-G *SINGLE WITH OVAL FLANGES*

MODEL	CODE	CENTRE DISTANCE	PUMP COUPLINGS	ELECTRICAL DATA						HYDRAULIC DATA																								WEIGHT KG
				VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In (A) 230	In (A) 400	MOTOR TYPE	Q=m³h	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150		
											Q=l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500		
CP-G 65-1470/A/ BAQE/1,5	1D4111G5A	360	DN 65	3x230-400 V ~	1,9	1,5	2	5,8	3,3	IE2		14,7	14,5	14,3	13,8	13	11,8	10,5	8,6	7													65
CP-G 65-1470/A/ BAQE/1,5	1D4111G5U	360	DN 65	3x230-400 V ~	1,9	1,5	2	5,8	3,3	IE3		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	1D4111G6A	360	DN 65	3x230-400 V ~	3,1	2,2	3	8,2	4,7	IE2		19	18,7	18,4	17,8	17	15,9	14,6	13	11													68
CP-G 65-1900/A/ BAQE/2,2	1D4111G6U	360	DN 65	3x230-400 V ~	3,1	2,2	3	8,2	4,7	IE3		19	18,7	18,4	17,8	17	15,9	14,6	13	11													58
CP-G 65-2280/A/BAQE/3	1D4111G7B	360	DN 65	3 x 400 V ~ [1]	3,4	3	4	-	5,8	IE2		22,8	22,5	22,3	22	21,2	20,2	19	17,4	15,5	13,5												77
CP-G 65-2280/A/BAQE/3	1D4111G7V	360	DN 65	3 x 400 V ~ [1]	3,4	3	4	-	5,8	IE3		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	1D4111G8B	360	DN 65	3 x 400 V ~ [1]	4,7	4	5,5	-	8,0	IE2		26,4	26,2	26	25,6	25	24	23	21,5	19,5	17,5	15											92
CP-G 65-2640/A/BAQE/4	1D4111G8V	360	DN 65	3 x 400 V ~ [1]	4,7	4	5,5	-	8,0	IE3		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	1D4211G9B	360	DN 65	3 x 400 V ~ [1]	6,6	5,5	7,5	-	10,4	IE2		34			34	33,5	32,5	31	29,5	27	24												111
CP-G 65-3400/A/ BAQE/5,5	1D4211G9V	360	DN 65	3 x 400 V ~ [1]	6,6	5,5	7,5	-	10,4	IE3		34			34	33,5	32,5	31	29,5	27	24												80
CP-G 65-4100/A/ BAQE/7,5	1D4211GAB	360	DN 65	3 x 400 V ~ [1]	8,6	7,5	10	-	14	IE2		41			41	41	40	39	37,5	35,5	33	30	26,5										111
CP-G 65-4100/A/ BAQE/7,5	1D4211GAV	360	DN 65	3 x 400 V ~ [1]	8,6	7,5	10	-	13,4	IE3	H (m)	41			41	41	40	39	37,5	35,5	33	30	26,5										87
CP-G 65-4700/A/BAQE/11	1D4311GBB	475	DN 65	3 x 400 V ~ [1]	14,1	11	15	-	20,2	IE2		47					45,5	45	44,3	43,3	42	40,8	39	37	35	32,3							221
CP-G 65-4700/A/BAQE/11	1D4311GBV	475	DN 65	3 x 400 V ~ [1]	14,1	11	15		19,4	IE3		47					45,5	45	44,3	43,3	42	40,8	39	37	35	32,3							198
CP-G 65-5500/A/BAQE/15	1D4311GCB	475	DN 65	3 x 400 V ~ [1]	17,2	15	20	--	27	IE2		55					56	55,5	54	53,5	52	51	49	47,5	45,5	43	41							221
CP-G 65-5500/A/BAQE/15	1D4311GCV	475	DN 65	3 x 400 V ~ [1]	17,2	15	20	-	26,5	IE3		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	1D4311GDB	475	DN 65	3 x 400 V ~ [1]	21,8	18,5	25	-	33	IE2		61,5					62	62	61,5	60,5	59	58	56,5	55	53	51	48,5	43					229
CP-G 65-6150/A/ BAQE/18,5	1D4311GDV	475	DN 65	3 x 400 V ~ [1]	21,8	18,5	25	-	32	IE3		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	1D4411GEB	475	DN 65	3 x 400 V ~ [1]	24,1	22	30	-	39,5	IE2		73,5					75	74,5	73,8	73,5	71	68,5	67	65	62,5	60	57	49					272
CP-G 65-7350/A/BAQE/22	1D4411GEV	475	DN 65	3 x 400 V ~ [1]	24,1	22	30	-	38	IE3		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	1D4411GFB	475	DN 65	3 x 400 V ~ [1]	32,5	30	40	-	52	IE2		92,5					94	94	94	93	91	89,4	87,5	85,6	83	81,5	78	72					309
CP-G 65-9250/A/BAQE/30	1D4411GFV	475	DN 65	3 x 400 V ~ [1]	32,5	30	40	-	52	IE3		92,5					94	94	94	93	91	89,4	87,5	85,6	83	81,5	78	72					310

[1] Star (⅄) starting is possible

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

CP / CP-G / DCP / DCP-G - 2 POLES
IN-LINE PUMPS

TECHNICAL DATA - CP-G *SINGLE FLANGES*

MODEL	CODE	CENTRE DISTANCE	PUMP COUPLINGS	ELECTRICAL DATA						MOTOR TYPE	HYDRAULIC DATA																								WEIGHT KG
				VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In (A) 230	In (A) 400		Q=m³h	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150					
											Q=l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500					
CP-G 80-1400/A/ BAQE/2,2	1D5111G6A	360	DN 80	3x230-400 V ~	3	2,2	3	8,2	4,7	IE2		14				13,8	13,3	12,9	12,5	12,1	11,4	10,8	10	9,2	8,3	7,5										71
CP-G 80-1400/A/ BAQE/2,2	1D5111G6U	360	DN 80	3x230-400 V ~	3	2,2	3	8,2	4,7	IE3		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	1D5111G7B	360	DN 80	3 x 400 V ~ [1]	3,5	3	4		5,8	IE2		17				16,5	16	15,5	15	14,5	13,7	13	12	11	10	9										80
CP-G 80-1700/A/BAQE/3	1D5111G7V	360	DN 80	3 x 400 V ~ [1]	3,5	3	4		5,8	IE3		17				16,5	16	15,5	15	14,5	13,7	13	12	11	10	9										71
CP-G 80-2050/A/BAQE/4	1D5111G8B	360	DN 80	3 x 400 V ~ [1]	5	4	5,5		8,0	IE2		20,5				20	19,5	19,1	18,5	18	17,5	16,5	15,8	14,8	14	12,5	11,5										95
CP-G 80-2050/A/BAQE/4	1D5111G8V	360	DN 80	3 x 400 V ~ [1]	5	4	5,5		8,0	IE3		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	1D5111G9B	360	DN 80	3 x 400 V ~ [1]	6,4	5,5	7,5		10,4	IE2		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									114
CP-G 80-2400/A/ BAQE/5,5	1D5111G9V	360	DN 80	3 x 400 V ~ [1]	6,4	5,5	7,5		10,4	IE3		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									83
CP-G 80-2770/A/ BAQE/7,5	1D5211GAB	440	DN 80	3 x 400 V ~ [1]	9,2	7,5	10		14	IE2		27,7								27,5	27,3	27,1	26,7	25,8	25,6	24,9	24,5	23	21,2	20,1						115
CP-G 80-2770/A/ BAQE/7,5	1D5211GAV	440	DN 80	3 x 400 V ~ [1]	9,2	7,5	10		13,4	IE3		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	1D5211GBB	440	DN 80	3 x 400 V ~ [1]	12,7	11	15	-	20,2	IE2		32,5								32,2	32	31,8	31,3	30,2	30	29,2	28,7	27	24,8	23,6						219
CP-G 80-3250/A/BAQE/11	1D5211GBV	440	DN 80	3 x 400 V ~ [1]	12,7	11	15	-	19,4	IE3		32,5								32,2	32	31,8	31,3	30,2	30	29,2	28,7	27	24,8	23,6						196
CP-G 80-4000/A/BAQE/15	1D5211GCB	440	DN 80	3 x 400 V ~ [1]	17,5	15	20	-	27	IE2		40								40,2	40	39,8	39,5	39	38,5	38,2	37,5	36	34,5	33,5	26,9					194
CP-G 80-4000/A/BAQE/15	1D5211GCV	440	DN 80	3 x 400 V ~ [1]	17,5	15	20	-	26,5	IE3	H (m)	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	1D5311GDB	500	DN 80	3 x 400 V ~ [1]	21	18,5	25	-	33	IE2		51,5								52	52	51,5	50,5	50	49	48,5	47,5	45	42,5	41						152
CP-G 80-5150/A/ BAQE/18,5	1D5311GDV	500	DN 80	3 x 400 V ~ [1]	21	18,5	25	-	32	IE3		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	1D5311GEB	500	DN 80	3 x 400 V ~ [1]	25,3	22	30	-	39,5	IE2		56,5								58	58	57,5	57	56,5	56	55	54,5	53	51	49						164
CP-G 80-5650/A/BAQE/22	1D5311GEV	500	DN 80	3 x 400 V ~ [1]	25,3	22	30	-	38	IE3		56,5								58	58	57,5	57	56,5	56	55	54,5	53	51	49						124
CP-G 80-6850/A/BAQE/30	1D5311GFB	500	DN 80	3 x 400 V ~ [1]	32,8	30	40	-	52	IE2		68,5								70	70	70	68,5	69	68,8	68,5	67,5	66	64	63	57					313
CP-G 80-6850/A/BAQE/30	1D5311GFV	500	DN 80	3 x 400 V ~ [1]	32,8	30	40	-	52	IE3		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	1D5411GGB	620	DN 80	3 x 400 V ~ [1]	41,9	37	50	-	64	IE2		86								83	82,5	82,5	82	81,5	81	80	79	76,5	73,5	72	60					410
CP-G 80-8600/A/BAQE/37	1D5411GGV	620	DN 80	3 x 400 V ~ [1]	41,9	37	50	-	63	IE3		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	1D5411GHB	620	DN 80	3 x 400 V ~ [1]	51,2	45	60	-	78,5	IE2		96								92,5	92	92	91,5	91,5	91	90	89,5	87,5	85	83	72,5					318
CP-G 80-9600/ A/BAQE/45	1D5411GHV	620	DN 80	3 x 400 V ~ [1]	51,2	45	60	-	76	IE3		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	1D5511GKB	620	DN 80	3 x 400 V ~ [1]	63,2	55	75	-	94	IE2		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				584
CP-G 80-10200/ A/BAQE/55	1D5511GKV	620	DN 80	3 x 400 V ~ [1]	63,2	55	75	-	95	IE3		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				621

[1] Star (⅄) starting is possible

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

CP / CP-G / DCP / DCP-G - 2 POLES
IN-LINE PUMPS

TECHNICAL DATA - CP-G *SINGLE FLANGES*

MODEL	CODE	CENTRE DIST.	PUMP COUPLINGS	ELECTRICAL DATA						HYDRAULIC DATA																						WEIGHT KG
				VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In (A) 400	MOTOR TYPE	Q=m³h	0	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210	240	270		
										Q=l/min	0	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500	4000	4500		
CP-G 100-1600/A/BAQE/4	1D6111G8B	500	DN 100	3 x 400 V ~ [1]	5,3	4	5,5	8,0	IE2		16	15	14,6	14,2	13,7	13,3	12,8	12,3	11,7	11	10	9,3	8								88
CP-G 100-1600/A/BAQE/4	1D6111G8V	500	DN 100	3 x 400 V ~ [1]	5,3	4	5,5	8,0	IE3		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	1D6111G9B	500	DN 100	3 x 400 V ~ [1]	7	5,5	7,5	10,4	IE2		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							133
CP-G 100-1950/A/ BAQE/5,5	1D6111G9V	500	DN 100	3 x 400 V ~ [1]	7	5,5	7,5	10,4	IE3		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	1D6111GAB	500	DN 100	3 x 400 V ~ [1]	9,2	7,5	10	14	IE2		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						113
CP-G 100-2350/ A/BAQE/7,5	1D6111GAV	500	DN 100	3 x 400 V ~ [1]	9,2	7,5	10	13,4	IE3		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	1D6211GBB	550	DN 100	3 x 400 V ~ [1]	13,9	11	15	20,2	IE2		24										22	21,4	20,4	20	17,4	16,8	12			150
CP-G 100-2400/A/ BAQE/11	1D6211GBV	550	DN 100	3 x 400 V ~ [1]	13,9	11	15	19,4	IE3		24										22	21,4	20,4	20	17,4	16,8	12			127
CP-G 100-3050/A/ BAQE/15	1D6211GCB	550	DN 100	3 x 400 V ~ [1]	16,9	15	20	27	IE2		30,5										29	28,4	27,5	27	24,5	21,3	18,3			177
CP-G 100-3050/A/ BAQE/15	1D6211GCV	550	DN 100	3 x 400 V ~ [1]	16,9	15	20	26,5	IE3		30,5										29	28,4	27,5	27	24,5	21,3	18,3			150
CP-G 100-3550/A/ BAQE/18,5	1D6211GDB	550	DN 100	3 x 400 V ~ [1]	21,9	18,5	25	33	IE2		35,5										34,3	33,6	32,6	32,3	29,8	26,8	23,6	20		177
CP-G 100-3550/A/ BAQE/18,5	1D6211GDV	550	DN 100	3 x 400 V ~ [1]	21,9	18,5	25	32	IE3	H (m)	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	1D6211GEB	550	DN 100	3 x 400 V ~ [1]	26,5	22	30	39,5	IE2		38,5										37,2	36,8	36	35,8	33,5	30,8	27,5	24		299
CP-G 100-3850/A/ BAQE/22	1D6211GEV	550	DN 100	3 x 400 V ~ [1]	26,5	22	30	38	IE3		38,5										37,2	36,8	36	35,8	33,5	30,8	27,5	24		259
CP-G 100-4800/A/ BAQE/30	1D6311GFB	550	DN 100	3 x 400 V ~ [1]	39,2	30	40	52	IE2		48										48,5	48,2	47,5	47	44,7	41	36	29		336
CP-G 100-4800/A/ BAQE/30	1D6311GFV	550	DN 100	3 x 400 V ~ [1]	39,2	30	40	52	IE3		48										48,5	48,2	47,5	47	44,7	41	36	29		337
CP-G 100-5600/A/ BAQE/37	1D6311GGB	550	DN 100	3 x 400 V ~ [1]	45	37	50	64	IE2		56										58	57,5	57,2	57	55	52	48	43		383
CP-G 100-5600/A/ BAQE/37	1D6311GGV	550	DN 100	3 x 400 V ~ [1]	45	37	50	63	IE3		56										58	57,5	57,2	57	55	52	48	43		397
CP-G 100-6300/A/ BAQE/45	1D6311GHB	550	DN 100	3 x 400 V ~ [1]	55,9	45	60	78,5	IE2		63										65,5	65	64	63	61,9	58,9	55,5	50,6	44,2	441
CP-G 100-6300/A/ BAQE/45	1D6311GHV	550	DN 100	3 x 400 V ~ [1]	55,9	45	60	76	IE3		63										65,5	65	64	63	61,9	58,9	55,5	50,6	44,2	470
CP-G 100-8300/ A/BAQE/55	1D6411GKB	670	DN 100	3 x 400 V ~ [1]	70,1	55	75	94	IE2		83										83,7	83,7	83,7	83,2	80,7	77,3	72,8	66,4	59,5	590
CP-G 100-8300/ A/BAQE/55	1D6411GKV	670	DN 100	3 x 400 V ~ [1]	70,1	55	75	95	IE3		83										83,7	83,7	83,7	83,2	80,7	77,3	72,8	66,4	59,5	627

MODEL	CODE	CENTRE DISTANCE	PUMP COUPLINGS	ELECTRICAL DATA						HYDRAULIC DATA																				WEIGHT KG
				VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In (A) 400	MOTOR TYPE	Q=m³h	0	90	102	114	120	150	180	210	240	270	300	330	360	390	420				
										Q=l/min	0	1500	1700	1900	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000				
CP 125-4750/ A/BAQE/37	1D7311GGB	620	DN 125	3 x 400 V ~ [1]	44,7	37	50	64	IE2		46,5					45	44	42	39	37	34,5	31	28							430
CP 125-4750/ A/BAQE/37	1D7311GGV	620	DN 125	3 x 400 V ~ [1]	44,7	37	50	63	IE3		46,5					45	44	42	39	37	34,5	31	28							444
CP-G 125-5300/A/ BAQE/45	1D7311GHB	620	DN 125	3 x 400 V ~ [1]	53,9	45	60	78,5	IE2		51,5					51	50	48,5	46	44	42	39	35	31,5						478
CP-G 125-5300/A/ BAQE/45	1D7311GHV	620	DN 125	3 x 400 V ~ [1]	53,9	45	60	76	IE3	H (m)	51,5					51	50	48,5	46	44	42	39	35	31,5						507
CP-G 125-5800/A/ BAQE/55	1D7311GKB	620	DN 125	3 x 400 V ~ [1]	68,2	55	75	94	IE2		57,5					57	56	55	53	51	49	46	43	39	36					502
CP-G 125-5800/A/ BAQE/55	1D7311GKV	620	DN 125	3 x 400 V ~ [1]	68,2	55	75	95	IE3		57,5					57	56	55	53	51	49	46	43	39	36					539

[1] Star (⋏) starting is possible

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

CP / CP-G / DCP / DCP-G - 2 POLES
IN-LINE PUMPS

TECHNICAL DATA - DCP *TWIN FLANGES*

MODEL	CODE	CENTRE DIST.	PUMP COUPLINGS	ELECTRICAL DATA						HYDRAULIC DATA																WEIGHT KG
				VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In (A) 230	In (A) 400	MOTOR TYPE	Q=m³h	6	7,5	9	10,5	12	13,5	15	18	21	24	27	30	36	
											Q=l/min	100	125	150	175	200	225	250	300	350	400	450	500	600	
DCP 40/1250 T	60180108	340	DN 40	3 x 230 - 400 V ~	0,83	0,75	1	2,9	1,7	IE3		12,5	11,5	10,5	9,5	8,1	6,8	5,2								50
DCP 40/1650 T	60180109	340	DN 40	3 x 230 - 400 V ~	1,05	0,75	1	2,9	1,7	IE3		16,5	15,5	14,5	13,5	12,3	11	9,5	6							50
DCP 40/2050 T	60180110	340	DN 40	3 x 230 - 400 V ~	1,33	1,1	1,5	4,3	2,5	IE3		20,5	20	19	18	17	16	15	11,5	7,5						52
DCP 40/2450 T	60180111	340	DN 40	3 x 230 - 400 V ~	2,07	1,5	2	5,9	3,4	IE3		24,5	24	23,5	23	22	21	20	16,5	13						54
DCP 50/1550 T	60180112	365	DN 50	3 x 230 - 400 V ~	2,07	1,5	2	5,9	3,4	IE3	H (m)							15,5	15	14,1	13	11,8	10,5	7	56
DCP 50/1900 T	60180113	365	DN 50	3 x 230 - 400 V ~	2,53	2	2,7	8,0	4,6	IE3								19	18,5	17,5	16,5	15,5	14,5	10,5	58
DCP 50/2450 T	60180114	365	DN 50	3 x 230 - 400 V ~	3,54	3	4	10,2	5,9	IE3								24,5	24	23,5	23	22	20,5	17	66
DCP 50/3000 T	60180115	365	DN 50	3 x 230 - 400 V ~	3,54	3	4	10,2	5,9	IE3								30	29	28	26,5	25	23	18	56
DCP 50/3650 T	60180116	410	DN 50	3 x 230 - 400 V ~	4,87	4	5,5	13,5	7,8	IE3								36,5	35,5	34,5	33,5	32,5	31	27	86

MODEL	CODE	CENTRE DIST.	PUMP COUPL.	ELECTRICAL DATA						HYDRAULIC DATA																		WEIGHT KG
				VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In (A) 230	In (A) 400	MOTOR TYPE	Q=m³h	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	
											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	60162198	360	DN 65	3x230-400 V ~	1,9	1,5	2	5,8	3,3	IE2		14,4	14,2	13,8	13,1	12,0	10,6	9,0	7,0	5,3									143
DCP-G 65-1470/A/BAQE/1,5	60180117	360	DN 65	3x230-400 V ~	1,9	1,5	2	5,8	3,3	IE3		14,4	14,2	13,8	13,1	12,0	10,6	9,0	7,0	5,3									127
DCP-G 65-1900/A/BAQE/2,2	60162199	360	DN 65	3x230-400 V ~	3,1	2,2	3	8,2	4,7	IE2		18,6	18,3	17,8	16,9	15,7	14,2	12,5	10,5	8,3									160
DCP-G 65-1900/A/BAQE/2,2	60180118	360	DN 65	3x230-400 V ~	3,1	2,2	3	8,2	4,7	IE3		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	60162200	360	DN 65	3 x 400 V ~ [1]	3,4	3	4		5,8	IE2		22,3			21,1	19,9	18,4	16,8	14,7	12,5	10,2									186
DCP-G 65-2280/A/BAQE/3	60180119	360	DN 65	3 x 400 V ~ [1]	3,4	3	4		5,8	IE3		22,3			21,1	19,9	18,4	16,8	14,7	12,5	10,2									167
DCP-G 65-2640/A/BAQE/4	60162163	360	DN 65	3 x 400 V ~ [1]	4,7	4	5,5		8,0	IE2		25,9			24,6	23,7	22,2	20,7	18,8	16,4	14,0	11,4								199
DCP-G 65-2640/A/BAQE/4	60180120	360	DN 65	3 x 400 V ~ [1]	4,7	4	5,5		8,0	IE3		25,9			24,6	23,7	22,2	20,7	18,8	16,4	14,0	11,4								151
DCP-G 65-3400/A/BAQE/5,5	60162164	360	DN 65	3 x 400 V ~ [1]	6,6	5,5	7,5		10,4	IE2		33,3			32,5	31,4	29,7	27,4	25,0	21,7	18,2									265
DCP-G 65-3400/A/BAQE/5,5	60180121	360	DN 65	3 x 400 V ~ [1]	6,6	5,5	7,5		10,4	IE3		33,3			32,5	31,4	29,7	27,4	25,0	21,7	18,2									202
DCP-G 65-4100/A/BAQE/7,5	60162165	360	DN 65	3 x 400 V ~ [1]	8,7	7,5	10		14	IE2		40,2			39,6	39,0	37,4	35,7	33,4	30,7	27,5	23,9	20,1							272
DCP-G 65-4100/A/BAQE/7,5	60167348	360	DN 65	3 x 400 V ~ [1]	8,7	7,5	10		13,4	IE3	H (m)	40,2			39,6	39,0	37,4	35,7	33,4	30,7	27,5	23,9	20,1							248
DCP-G 65-4700/A/BAQE/11	60162166	475	DN 65	3 x 400 V ~ [1]	12	11	15		20,2	IE2		46,4					44,3	43,6	42,6	41,3	39,6	38,1	35,9	33,6	31,3	28,4			411
DCP-G 65-4700/A/BAQE/11	60167349	475	DN 65	3 x 400 V ~ [1]	12	11	15		19,4	IE3		46,4					44,3	43,6	42,6	41,3	39,6	38,1	35,9	33,6	31,3	28,4			388
CDP-G 65-5500/A/BAQE/15	60162167	475	DN 65	3 x 400 V ~ [1]	17	15	20		27	IE2		54,3					54,7	53,9	52,1	51,2	49,4	48,0	45,6	43,7	41,3	38,4	36,1		447
CDP-G 65-5500/A/BAQE/15	60167350	475	DN 65	3 x 400 V ~ [1]	17	15	20		26,5	IE3		54,3					54,7	53,9	52,1	51,2	49,4	48,0	45,6	43,7	41,3	38,4	36,1		420
DCP-G 65-6150/A/BAQE/18,5	60162168	475	DN 65	3 x 400 V ~ [1]	21	18,5	25		33	IE2		60,8					60,7	60,4	59,7	58,4	56,5	55,2	53,3	51,4	49,0	46,7	43,8	37,8	481
DCP-G 65-6150/A/BAQE/18,5	60167351	475	DN 65	3 x 400 V ~ [1]	21	18,5	25		32	IE3		60,8					60,7	60,4	59,7	58,4	56,5	55,2	53,3	51,4	49,0	46,7	43,8	37,8	450
DCP-G 65-7350/A/BAQE/22	60162169	475	DN 65	3 x 400 V ~ [1]	24,5	22	30		39,5	IE2		72,6					73,4	72,6	71,6	70,9	68,0	65,1	63,2	60,7	57,8	54,9	51,5	43,1	561
DCP-G 65-7350/A/BAQE/22	60167352	475	DN 65	3 x 400 V ~ [1]	24,5	22	30		38	IE3		72,6					73,4	72,6	71,6	70,9	68,0	65,1	63,2	60,7	57,8	54,9	51,5	43,1	521
DCP-G 65-9250/A/BAQE/30	60162170	475	DN 65	3 x 400 V ~ [1]	33	30	40		52	IE2		91,4					92,0	91,6	91,2	89,7	87,2	85,0	82,5	80,0	76,8	74,6	70,5	63,3	744
DCP-G 65-9250/A/BAQE/30	60167353	475	DN 65	3 x 400 V ~ [1]	33	30	40		52	IE3		91,4					92,0	91,6	91,2	89,7	87,2	85,0	82,5	80,0	76,8	74,6	70,5	63,3	745

[1] Star (⅄) starting is possible

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

CP / CP-G / DCP / DCP-G - 2 POLES
IN-LINE PUMPS

TECHNICAL DATA - DCP-G *TWIN FLANGES*

MODEL	CODE	CENTRE DIST.	PUMP COUPL.	ELECTRICAL DATA						HYDRAULIC DATA																				WEIGHT KG
				VOLTAGE 50 Hz	P1 MAX	P2 NOMINAL		In (A)		MOTOR TYPE	Q=m³/h	0	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	
					kW	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	60162171	360	DN 80	3x230-400 V ~	3,0	2,2	3	8,2	4,7	IE2		13,7	14,3	13,7	13,0	12,3	11,4	10,3	9,1	7,8	6,5	5,2	4,0							172
DCP-G 80-1400/A/BAQE/2,2	60180122	360	DN 80	3x230-400 V ~	3,0	2,2	3	8,2	4,7	IE3		13,7	14,3	13,7	13,0	12,3	11,4	10,3	9,1	7,8	6,5	5,2	4,0							152
DCP-G 80-1700/A/BAQE/3	60162172	360	DN 80	3 x 400 V ~ [1]	3,5	3	4		5,8	IE2		16,7	17,1	16,5	15,7	14,7	13,7	12,3	11,0	9,4	7,8	6,2	4,8							179
DCP-G 80-1700/A/BAQE/3	60180123	360	DN 80	3 x 400 V ~ [1]	3,5	3	4		5,8	IE3		16,7	17,1	16,5	15,7	14,7	13,7	12,3	11,0	9,4	7,8	6,2	4,8							160
DCP-G 80-2050/A/BAQE/4	60162173	360	DN 80	3 x 400 V ~ [1]	5,0	4	5,5		8,0	IE2		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						188
DCP-G 80-2050/A/BAQE/4	60180124	360	DN 80	3 x 400 V ~ [1]	5,0	4	5,5		8,0	IE3		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	60162174	360	DN 80	3 x 400 V ~ [1]	6,4	5,5	7,5		10,4	IE2		23,5	24,5	24,4	23,9	23,1	22,1	20,8	19,6	17,9	16,3	14,8	13,0	11,2	7,1					257
DCP-G 80-2400/A/BAQE/5,5	60180125	360	DN 80	3 x 400 V ~ [1]	6,4	5,5	7,5		10,4	IE3		23,5	24,5	24,4	23,9	23,1	22,1	20,8	19,6	17,9	16,3	14,8	13,0	11,2	7,1					194
DCP-G 80-2770/A/BAQE/7,5	60162175	440	DN 80	3 x 400 V ~ [1]	8,7	7,5	10		14	IE2		27,1					26,6	26,0	25,3	24,3	22,8	21,9	20,5	19,3	16,2	13,0	11,3			174
DCP-G 80-2770/A/BAQE/7,5	60167355	440	DN 80	3 x 400 V ~ [1]	8,7	7,5	10		13,4	IE3		27,1					26,6	26,0	25,3	24,3	22,8	21,9	20,5	19,3	16,2	13,0	11,3			150
DCP-G 80-3250/A/BAQE/11	60162176	440	DN 80	3 x 400 V ~ [1]	12	11	15		20,2	IE2		31,9					31,2	30,5	29,7	28,5	26,7	25,6	24,0	22,6	19,1	15,2	13,2			192
DCP-G 80-3250/A/BAQE/11	60167356	440	DN 80	3 x 400 V ~ [1]	12	11	15		19,4	IE3		31,9					31,2	30,5	29,7	28,5	26,7	25,6	24,0	22,6	19,1	15,2	13,2			169
DCP-G 80-4000/A/BAQE/15	60162177	440	DN 80	3 x 400 V ~ [1]	17	15	20		27	IE2		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		202
DCP-G 80-4000/A/BAQE/15	60167357	440	DN 80	3 x 400 V ~ [1]	17	15	20		26,5	IE3	H (m)	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	60162178	500	DN 80	3 x 400 V ~ [1]	21	18,5	25		33	IE2		48,3					48,9	48,6	47,7	46,3	45,3	43,8	42,7	41,1	37,4	33,6	31,5			254
DCP-G 80-5150/A/BAQE/18,5	60167358	500	DN 80	3 x 400 V ~ [1]	21	18,5	25		32	IE3		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	60162179	500	DN 80	3 x 400 V ~ [1]	24	22	30		39,5	IE2		53,0					54,5	54,2	53,2	52,3	51,2	50,1	48,4	47,2	44,0	40,3	37,7			393
DCP-G 80-5650/A/BAQE/22	60167359	500	DN 80	3 x 400 V ~ [1]	24	22	30		38	IE3		53,0					54,5	54,2	53,2	52,3	51,2	50,1	48,4	47,2	44,0	40,3	37,7			353
DCP-G 80-6850/A/BAQE/30	60162180	500	DN 80	3 x 400 V ~ [1]	33	30	40		52	IE2		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		484
DCP-G 80-6850/A/BAQE/30	60167360	500	DN 80	3 x 400 V ~ [1]	33	30	40		52	IE3		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	60162181	620	DN 80	3 x 400 V ~ [1]	42	37	50		64	IE2		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		468
DCP-G 80-8600/A/BAQE/37	60167361	620	DN 80	3 x 400 V ~ [1]	42	37	50		63	IE3		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	60162182	620	DN 80	3 x 400 V ~ [1]	49	45	60		78,5	IE2		96,4					95,1	94,7	94,9	94,5	94,6	94,2	93,2	92,8	90,7	88,1	86,0	74,7		644
DCP-G 80-9600/A/BAQE/45	60167362	620	DN 80	3 x 400 V ~ [1]	49	45	60		76	IE3		96,4					95,1	94,7	94,9	94,5	94,6	94,2	93,2	92,8	90,7	88,1	86,0	74,7		673
DCP-G 80-10200/A/BAQE/55	60162183	620	DN 80	3 x 400 V ~ [1]	59	55	75		94	IE2		102,4			103,9	104,1	104,1	104,1	103,9	103,6	103,1	102,6	101,8	101,0	98,9	96,3	94,8	85,7		902
DCP-G 80-10200/A/BAQE/55	60167363	620	DN 80	3 x 400 V ~ [1]	59	55	75		95	IE3		102,4			103,9	104,1	104,1	104,1	103,9	103,6	103,1	102,6	101,8	101,0	98,9	96,3	94,8	85,7		939

[1] Star (⅄) starting is possible

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

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

IN-LINE PUMPS

MODEL	CODE	CENTRE DIST.	PUMP COUPLINGS	ELECTRICAL DATA						HYDRAULIC DATA																					WEIGHT KG
				VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In (A) 400	MOTOR TYPE	Q=m³h	0	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	210	240	270	
										Q=l/min	0	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500	4000	4500	
DCP-G 100-1600/A/BAQE/4	60162184	500	DN 100	3 x 400 V ~ [1]	5,3	4	5,5	8,05	IE2		16,0	15,8	15,2	14,5	13,6	12,8	11,8	10,8	9,6	8,4	7,3	5,1	3,0						176	176
DCP-G 100-1600/A/BAQE/4	60180126	500	DN 100	3 x 400 V ~ [1]	5,3	4	5,5	8,05	IE3		16,0	15,8	15,2	14,5	13,6	12,8	11,8	10,8	9,6	8,4	7,3	5,1	3,0							128
DCP-G 100-1950/A/BAQE/5,5	60162185	500	DN 100	3 x 400 V ~ [1]	7,0	5,5	7,5	10,4	IE2		19,5	20,1	19,8	19,2	18,5	17,7	16,5	15,5	14,5	13,3	11,8	9,0	6,0	4,5					190	190
DCP-G 100-1950/A/BAQE/5,5	60180127	500	DN 100	3 x 400 V ~ [1]	7,0	5,5	7,5	10,4	IE3		19,5	20,1	19,8	19,2	18,5	17,7	16,5	15,5	14,5	13,3	11,8	9,0	6,0	4,5						127
DCP-G 100-2350/A/BAQE/7,5	60162186	500	DN 100	3 x 400 V ~ [1]	8,7	7,5	10	14	IE2		23,5	24,5	24,4	24,0	23,6	23,1	22,2	21,4	20,4	19,4	18,3	15,7	12,9	11,7	4,5				194	218
DCP-G 100-2350/A/BAQE/7,5	60167364	500	DN 100	3 x 400 V ~ [1]	8,7	7,5	10	13,4	IE3		23,5	24,5	24,4	24,0	23,6	23,1	22,2	21,4	20,4	19,4	18,3	15,7	12,9	11,7	4,5				194	194
DCP-G 100-2400/A/BAQE/11	60162187	550	DN 100	3 x 400 V ~ [1]	12	11	15	20,2	IE2		23,6										21,9	21,0	19,7	19,1	15,5	13,4	8,2		238	261
DCP-G 100-2400/A/BAQE/11	60167365	550	DN 100	3 x 400 V ~ [1]	12	11	15	19,4	IE3		23,6										21,9	21,0	19,7	19,1	15,5	13,4	8,2		238	238
DCP-G 100-3050/A/BAQE/15	60162188	550	DN 100	3 x 400 V ~ [1]	17	15	20	27	IE2		30,0										28,9	27,9	26,5	25,8	21,8	17,0	12,5		313	340
DCP-G 100-3050/A/BAQE/15	60167366	550	DN 100	3 x 400 V ~ [1]	17	15	20	26,5	IE3		30,0										28,9	27,9	26,5	25,8	21,8	17,0	12,5		313	313
DCP-G 100-3550/A/AQE/18,5	60162189	550	DN 100	3 x 400 V ~ [1]	21	18,5	25	33	IE2	H (m)	34,9										34,6	33,5	32,1	31,6	27,8	23,3	18,5	13,7	329	360
DCP-G 100-3550/A/AQE/18,5	60167367	550	DN 100	3 x 400 V ~ [1]	21	18,5	25	32	IE3		34,9										34,6	33,5	32,1	31,6	27,8	23,3	18,5	13,7	329	329
DCP-G 100-3850/A/BAQE/22	60162190	550	DN 100	3 x 400 V ~ [1]	24	22	30	39,5	IE2		37,9										37,2	36,8	36,0	35,8	33,5	30,8	27,5	24,0	402	442
DCP-G 100-3850/A/BAQE/22	60167368	550	DN 100	3 x 400 V ~ [1]	24	22	30	38	IE3		37,9										37,2	36,8	36,0	35,8	33,5	30,8	27,5	24,0	402	402
DCP-G 100-4800/A/BAQE/30	60162191	550	DN 100	3 x 400 V ~ [1]	33	30	40	52	IE2		52,7										52,1	51,6	50,7	50,0	47,1	42,7	37,0	29,3	496	495
DCP-G 100-4800/A/BAQE/30	60167369	550	DN 100	3 x 400 V ~ [1]	33	30	40	52	IE3		52,7										52,1	51,6	50,7	50,0	47,1	42,7	37,0	29,3	496	496
DCP-G 100-5600/A/BAQE/37	60162192	550	DN 100	3 x 400 V ~ [1]	42	37	50	64	IE2		61,5										62,4	61,6	61,0	60,7	57,9	54,1	49,3	43,5	697	683
DCP-G 100-5600/A/BAQE/37	60167370	550	DN 100	3 x 400 V ~ [1]	42	37	50	63	IE3		61,5										62,4	61,6	61,0	60,7	57,9	54,1	49,3	43,5	697	697
DCP-G 100-6300/A/BAQE/45	60162193	550	DN 100	3 x 400 V ~ [1]	49	45	60	78,5	IE2		68,1										70,1	69,3	67,9	66,7	62,7	57,1	49,5		1062	1033
DCP-G 100-6300/A/BAQE/45	60167371	550	DN 100	3 x 400 V ~ [1]	49	45	60	76	IE3		68,1										70,1	69,3	67,9	66,7	62,7	57,1	49,5		1062	1062
DCP-G 100-8300/A/BAQE/55	60162194	670	DN 100	3 x 400 V ~ [1]	59	55	75	94	IE2		77,8										79,0	79,0	79,0	78,5	76,1	72,7	68,2	61,8	1388	1351
DCP-G 100-8300/A/BAQE/55	60167372	670	DN 100	3 x 400 V ~ [1]	59	55	75	95	IE3		77,8										79,0	79,0	79,0	78,5	76,1	72,7	68,2	61,8	1388	1388

MODEL	CODE	CENTRE DIST.	PUMP COUPLINGS	ELECTRICAL DATA						HYDRAULIC DATA											WEIGHT KG
				VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In (A) 400	MOTOR TYPE	Q=m³h	0	150	180	210	240	270	330	360	390	420	
										Q=l/min	0	2500	3000	3500	4000	4500	5500	6000	6500	7000	
DCP-G 125-4750/A/BAQE/37	60162195	620	DN 125	3 x 400 V ~ [1]	44,7	37	50	64	IE2		46,5	45,0	44,0	42,0	39,0	37,0	31,0	28,0			849
DCP-G 125-4750/A/BAQE/37	60167373	620	DN 125	3 x 400 V ~ [1]	44,7	37	50	63	IE3		46,5	45,0	44,0	42,0	39,0	37,0	31,0	28,0			863
DCP-G 125-5300/A/BAQE/45	60162196	620	DN 125	3 x 400 V ~ [1]	53,9	45	60	78,5	IE2		51,5	51,0	50,0	48,5	46,0	44,0	39,0	35,0	31,5		999
DCP-G 125-5300/A/BAQE/45	60167374	620	DN 125	3 x 400 V ~ [1]	53,9	45	60	76	IE3	H (m)	51,5	51,0	50,0	48,5	46,0	44,0	39,0	35,0	31,5		1028
DCP-G 125-5800/A/BAQE/55	60162197	620	DN 125	3 x 400 V ~ [1]	68,2	55	75	94	IE2		57,5	57,0	56,0	55,0	53,0	51,0	46,0	43,0	39,0	36,0	1268
DCP-G 125-5800/A/BAQE/55	60167375	620	DN 125	3 x 400 V ~ [1]	68,2	55	75	95	IE3		57,5	57,0	56,0	55,0	53,0	51,0	46,0	43,0	39,0	36,0	1305

[1] Star (⅄) starting is possible

K-HA

CENTRIFUGAL PRESSURE BOOSTING PUMPS

CE

WATER PRESSURE BOOSTING

K-HA single impeller centrifugal pump is designed for water pressure boosting in households, flats (domestic properties) to provide additional pressure to hot and cold water taps and similar outlet points. K-HA centrifugal pump is mainly for use in open vented systems(tanks), but may also be installed directly on the incoming water mains supply to feed a boiler, provided approval has been obtained from the local Water Company. The pump is supplied with a 0,3 meter power cable.

Operating range: up to 4,2 m3/h with head up to 22m.
Liquid quality requirements: clean, free from solids or abrasive substances, non viscous, non aggressive, non crystallized, chemically neutral, close to the characteristics of water.
Liquid temperature range: from 0°C to +100 °C
Ambient temperature: from -10°C to +55 °C
Enviroment humidity: ≤ 95%
Maximum operating pressure:
4 bar (35° C liquid temperature)
2 bar (65° C liquid temperature)
Minimum automatic (flow switch) operating pressure: 0,5 mwc
Minimum automatic (flow switch) operating flow: 2,5 l/min

TECHNICAL DATA - K-HA

MODEL	CODE	VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	Ist A	cos φ	CONDENSATEUR (ηF)	HOSE DIAMETER (mm)	MAXIMUM FLOW RATE (m^3/h)	MAXIMUM HEAD (m)	WEIGHT (kg)
				KW	HP								
K 20/9 HA	60161484	220 V	0,18	0,03	0,12	0,82	2,89	0,926	8	ø 16 mm	2,10	9	5,4
K 30/12 HA	60161483	220 V	0,28	0,12	0,16	1,28	4,09	0,969	8	ø 16 mm	2,40	12	7,9
K 30/15 HA	60161482	220 V	0,34	0,18	0,25	1,5	4,09	0,98	8	ø 16 mm	3,00	15	7,9
K 40/19 HA	60161481	220 V	0,47	0,25	0,34	2,25	7,6	0,905	8	ø 16 mm	3,60	18	8,9
K 40/22 HA	60160878	220 V	0,57	0,37	0,5	2,54	7,6	0,932	8	ø 16 mm	4,20	22	8,9

NOTES

CIRCULATORS AND IN-LINE PUMPS ACCESSORIES

PROTECTION AND CONTROL SYSTEMS

ACCESSORIES

CIRCULATORS AND IN-LINE PUMPS

UNION KIT	DESCRIPTION	CODE	MODEL	WEIGHT Kg	Q.TY X BOX
 1" F UNION KIT	½" F UNION KIT	60110426	EVOSTA 40-70/130-1/2	0,4	24
			EVOTRON 40/130 1/2 - 60/130 1/2 - 80/130 1/2		
			EVOTRON 40/130 1/2 SOL - 60/130 1/2 SOL - 80/130 1/2 SOL		
			VSA 35/130-½" - 55/130-½" - 65/130-½"		
	¾" F UNION KIT	547121050	EVOSTA 40-70/130 - EVOSTA 40-70/180	0,4	24
			EVOTRON 40/130 - 60/130 - 80/130 EVOTRON 40/180 - 60/180 - 80/180		
			EVOTRON 40/180 SOL - 60/180 SOL - 80/180 SOL		
			EVOPLUS 40/180 - 60/180 - 80/180 - 110/180		
			VSA 35/130 - 55/130 - 65/130 VSA 35/180 - 55/180 - 65/180		
	1" F UNION KIT	547121060	EVOSTA 40-70/130 - EVOSTA 40-70/180	0,4	24
			EVOTRON 40/130 - 60/130 - 80/130 EVOTRON 40/180 - 60/180 - 80/180		
			EVOTRON 40/180 SOL - 60/180 SOL - 80/180 SOL		
			EVOPLUS 40/180 - 60/180 - 80/180 - 110/180		
			VSA 35/130 - 55/130 - 65/130 VSA 35/180 - 55/180 - 65/180		
	1" ¼ F UNION KIT	547121070	EVOTRON 40/180 X - 60/180 X - 80/180 X	0,7	24
			EVOPLUS 40/180 X - 60/180 X - 80/180 X - 110/180 X		
			EVOPLUS 40/180 X - 60/180 X - 80/180 X - 110/180 X		
			ALME - ALPE		
			ALM 500 - ALP 2000		
	1" ¼ M UNION KIT	547121080	EVOSTA 40-70/130 EVOSTA 40-70/180	0,4	24
			EVOTRON 40/130 - 60/130 - 80/130 EVOTRON 40/180 - 60/180 - 80/180		
			EVOPLUS 40/180 - 60/180 - 80/180 - 110/180		

PIPE UNIONS	DESCRIPTION	CODE	MODEL	WEIGHT Kg	Q.TY X BOX
 1" F BRASS UNION KIT	½" F BRASS UNION KIT	547121120	EVOTRON SAN EVOPLUS SMALL SAN	0,4	24
			VS 8/150 - 16/150 - 35/150 - 65/150		
			ALM 200 - 800		
	¾" F BRASS UNION KIT	547121130	EVOTRON SAN EVOPLUS SMALL SAN	0,4	24
			VS 8/150 - 16/150- 35/150 - 65/150		
			ALM 200 - 800		
	1" F BRASS UNION KIT	547121140	EVOTRON SAN EVOPLUS SMALL SAN	0,4	24
			VS 8/150 - 16/150 - 35/150 - 65/150		
			ALM 200 - 800		

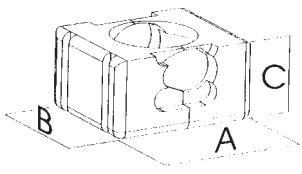
ACCESSORIES

CIRCULATORS AND IN-LINE PUMPS

COPPER KIT UNIONS	DESCRIPTION	CODE	MODEL	WEIGHT Kg
 COPPER UNION KIT TO SOLDER Ø 22	COPPER UNION KIT TO SOLDER Ø 22	547121150	EVOTRON SAN EVOPLUS SMALL SAN	0,4
			VS 8/150 - 16/150 - 35/150 - 65/150	
			ALM 200 - 800	
	COPPER UNION KIT TO SOLDER Ø 28	547121160	EVOTRON SAN EVOPLUS SMALL SAN	0,4
			VS 8/150 - 16/150 - 35/150 - 65/150	
			ALM 200 - 800	

REDUCTION KIT	DESCRIPTION	CODE	MODEL	WEIGHT Kg
	2" - 1"½ REDUCTION KIT	547121170	EVOSTA 40-70/130 EVOSTA 40-70/180	0,1
			EVOTRON 40/130 - 60/130 - 80/130 EVOTRON 40/180 - 60/180 - 80/180	
			EVOPLUS 40/180 - 60/180 - 80/180 - 110/180	
			VA	

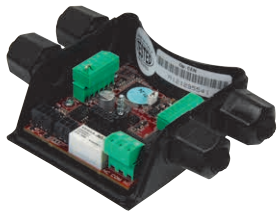
INSULATION HOUSING KIT	DESCRIPTION	CODE	MODEL	WEIGHT Kg
	INSULATION HOUSING KIT *	60147096	EVOSTA (All models)	0,6
			EVOTRON (All models) * supplied as standard in the standard version	
			VSA 130 - 150 - 180	
			VS 130 - 150 - 180	
			VA 130-150-180 mm. inter	

PUMP BODY KIT INSULATION FOR BMH - BPH CIRCULATORS	DESCRIPTION	CODE	TO BE USED FOR CIRCULATORS TYPE	DIMENSIONS			WEIGHT Kg
				A	B	C	
	KIT DN 40	554060500	BMH-BPH WITH PUMP COUPLINGS DN 40	260	212	140	0,6
	KIT DN 50	554060510	BMH-BPH WITH PUMP COUPLINGS DN 50	256	238	160	0,6
	KIT DN 65	554060520	BMH-BPH WITH PUMP COUPLINGS DN 65	300	298	180	1,1
	KIT DN 80	554060530	BMH-BPH WITH PUMP COUPLINGS DN 80	300	312	201	1,2
	KIT DN 100	60130883	BMH-BPH WITH PUMP COUPLINGS DN 100	320	397	225	1,9

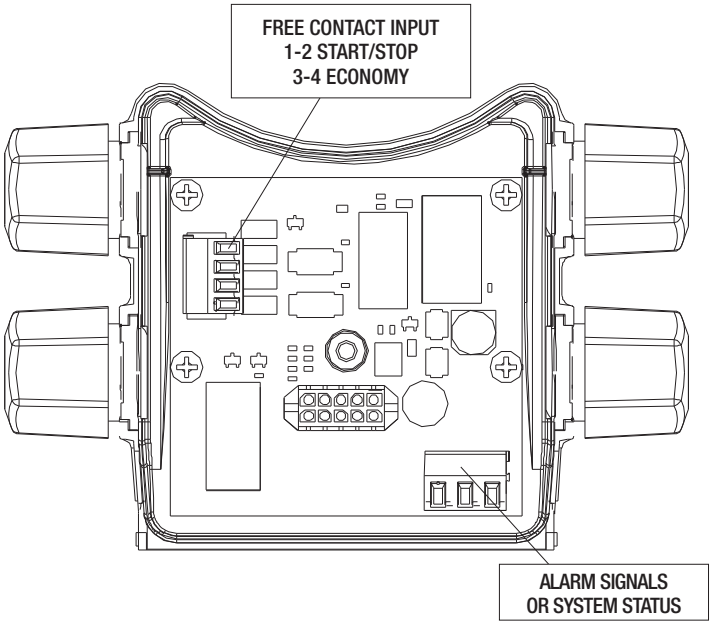
POWER CONNECTOR	DESCRIPTION	CODE	MODEL	WEIGHT Kg
	EVOTRON/EVOPLUS POWER CONNECTOR	60152234	EVOTRON (All models)	0,1
			EVOPLUS SMALL (All models)	

ACCESSORIES

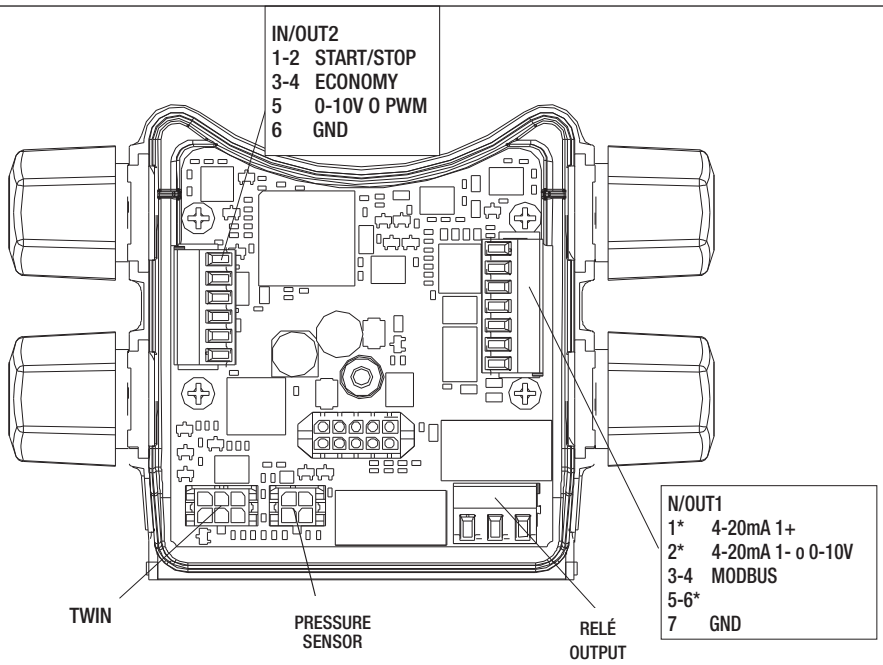
CIRCULATORS AND IN-LINE PUMPS

REMOTE CONTROL MODULE	DESCRIPTION	CODE	MODEL	WEIGHT Kg
 EVOPLUS SMALL MULTI-FUNCTION MODULE	**EVOPLUS SMALL BASIC MODULE**	60152883	EVOPLUS SMALL (All models) EVOPLUS SMALL SAN (All models)	0,5
	EVOPLUS SMALL MULTI-FUNCTION MODULE	60152884	EVOPLUS SMALL (All models) EVOPLUS SMALL SAN (All models) Supplied with Evoplus Small Twin models	0,5
	LON/MOD BUS CONVERTER MODULE	60162338	EVOPLUS SMALL (All models)	0,5
			EVOPLUS (All models)	0,5

BASIC MODULE



MULTI-FUNCTION MODULE



FLANGE KIT*	DESCRIPTION	CODE	MODEL	WEIGHT Kg
 FLANGE KIT DN50 PN 10	**PN 10 DN 32 FLANGE KIT**	60153288	EVOPLUS SMALL (All models)	4,7
			EVOPLUS (All models)	
	DN 32 PN 10 AISI 304 FLANGE KIT	60153296	EVOPLUS SMALL SAN (All models)	4,7
			EVOPLUS SAN (All models)	
	DN40 PN 10 FLANGE KIT	547121400	EVOPLUS SMALL (All models)	2,4
			EVOPLUS (All models)	
			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	
			B 50/250.40 - B 56/250.40 - B 80/250.40 D 50/250.40 - D 56/250.40 - D 80/250.40	
			BMH-BPH WITH PUMP COUPLINGS DN 40	
	DN 40 PN 10 AISI 304 FLANGE KIT	60153297	EVOPLUS SMALL SAN (All models)	2,5
			EVOPLUS SAN (All models)	
	DN50 PN 10 FLANGE KIT	547121410	EVOPLUS (All models)	3,2
			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	
			BMH-BPH WITH PUMP COUPLINGS DN 40	
	DN 50 PN 10 AISI 304 FLANGE KIT	60153298	EVOPLUS SAN (All models)	3
 FLANGE KIT DN 80 PN 16	**DN65 PN 10 FLANGE KIT**	547121420	EVOPLUS (All models)	4,0
			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	
			BMH-BPH WITH PUMP COUPLINGS DN 40	
	DN 65 PN 10 AISI 304 FLANGE KIT	60153299	EVOPLUS SAN (All models)	4
	DN80 PN 10 FLANGE KIT	547121430	EVOPLUS (All models)	4,8
			BPH - DPH (All 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	
			BMH-BPH WITH PUMP COUPLINGS DN 40	
	DN100 PN 10 FLANGE KIT	60153289	EVOPLUS (All models)	4,3
	DN 40 - PN 16 FLANGE KIT	109620040	CME 40 - CPE 40 - CM - CP 40	5,3
	DN 50 - PN 16 FLANGE KIT	109620050	CME 50 - CPE 50 - CM - CP 50	6,3
	DN 65 - PN 16 FLANGE KIT	109620060	CME 65 - CM-GE 65 - CP-GE 65 - CM 65 - CP 65	7,5
	DN 80 PN 16 FLANGE KIT	109620080	EVOPLUS (All models)	9,5
			CM-GE 80 - CP-GE 80 - CM 80 - CP 80	
	DN 100 PN 16 FLANGE KIT	109620100	EVOPLUS (All models)	10,9
			CM-GE 100 - CP-GE 100 - CM 100 - CP 100	
	DN 125 - PN 16 FLANGE KIT	109620120	CM-GE 125 - CP-GE 125 - CM 125 - CP 125	14,5
	DN 150 - PN 16 FLANGE KIT	109620150	CM-GE 150 - CP-GE 150 -CM 150 - CP 150	18,6

* The counterflange kit comprises: two counterflanges, nuts and bolts.

ACCESSORIES

CIRCULATORS AND IN-LINE PUMPS

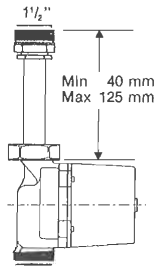
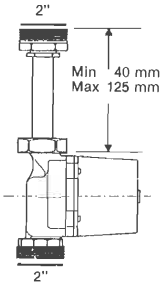
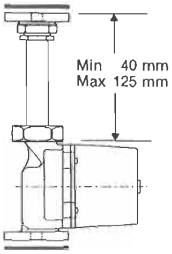
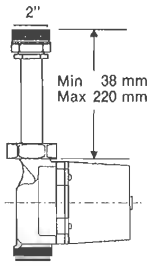
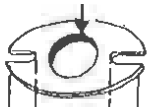
BLANK FLANGE KIT	DESCRIPTION	CODE	MODEL	WEIGHT Kg
	**BLANK FLANGE KIT**	561000590	(STD. FEATURE IN THE TWIN VERSION)	-
	DN 40 BLANK FLANGE KIT	161050160	BMH-BPH (STD. FEATURE IN THE TWIN VERSION)	-
	BLANK FLANGE KIT	161050170	BMH-BPH (STD. FEATURE IN THE TWIN VERSION)	-
	DN32 PN 10 BLANK FLANGE KIT - EVOPLUS S (STD. FEATURE IN THE TWIN VERSION)	60153741	EVOPLUS SMALL	4,7
	DN 32 PN 10 AISI 304 BLANK FLANGE KIT - EVOPLUS M&L (STD. FEATURE IN THE TWIN VERSION)	60164747	EVOPLUS MEDIUM & LARGE SAN	4,7

COMPENSATION KIT (FOR EVOPLUS)	DESCRIPTION	CODE	MODEL	WEIGHT Kg
 **COMPENSATION KIT**	**COMPENSATION KIT FOR DN40 (30MM)**	60153181	EVOPLUS (all models DN40)	2,5
	COMPENSATION KIT FOR DN50 (40MM)	60153182	EVOPLUS (all models DN50)	3,3

COMPENSATION KIT

Available on request, compensation kit, used to compensate the centre distance difference between old and new models.

DESCRIPTION	CODE	CM old MODEL		CM new MODEL		LENGHT
		DN	CENTRE DISTANCE	DN	CENTRE DISTANCE	
KIT N° 1	147121520	65	475	65	360	115
KIT N° 2	147121530	80	525	80	360	165
KIT N° 3	147121540				440	85
KIT N° 4	147121550				500	25
KIT N° 5	147121560	100	550	100	500	50
KIT N° 6	147121570		630		550	80

"QUICK SERVICE" ADAPTION KIT	DESCRIPTION	CODE	MODEL
	**ADAPTATION KIT A - 1 1/2" EXTENSION**	547121300	EVOSTA 40-70/130 - EVOSTA 40-70/180 EVOTRON 40/130 - EVOTRON 60/130 - EVOTRON 80/130 EVOTRON 40/180 - EVOTRON 60/180 - EVOTRON 80/180 VA 25/130 - VA 25/180 - VA 35/130 - VA 35/180 - VA 55/130 - VA 55/180 - VA 65/130 - VA 65/180
	**ADAPTATION KIT B - CONVERSION FROM 1 1/2" TO 2"**	547121310	EVOSTA 40-70/130 - EVOSTA 40-70/180 EVOTRON 40/130 - EVOTRON 60/130 - EVOTRON 80/130 EVOTRON 40/180 - EVOTRON 60/180 - EVOTRON 80/180 VA 25/130 - VA 25/180 - VA 35/130 - VA 35/180 - VA 55/130 - VA 55/180 - VA 65/130 - VA 65/180
	**ADAPTATION KIT C - CONV. FROM 1 1/2" UNION TO DN 25 -DN 32 FL.**	547121320	EVOSTA 40-70/130 - EVOSTA 40-70/180 EVOTRON 40/130 - EVOTRON 60/130 - EVOTRON 80/130 EVOTRON 40/180 - EVOTRON 60/180 - EVOTRON 80/180
	**ADAPTATION KIT D - 2" EXTENSION**	547121330	EVOTRON 40/180X - EVOTRON 60/180X - EVOTRON 80/180X VA 25/180 X - VA 35/180 X - VA 55/180 X - VA 65/180 X
	**ADAPTATION KIT E - 2" BRASS ADAPTER**	547121340	EVOTRON 40/180X - EVOTRON 60/180X - EVOTRON 80/180X VA 25/130 - VA 25/180 - VA 35/130 - VA 35/180 - VA 55/130 - VA 55/180 - VA 65/130 - VA 65/180 VA 25/180X - VA 35/180X - VA 55/180X - VA 65/180X
	**ADAPTATION KIT E - 1 1/2" BRASS ADAPTER**	547121350	EVOSTA 40-70/130 - EVOSTA 40-70/180 EVOTRON 40/130 - EVOTRON 60/130 - EVOTRON 80/130 EVOTRON 40/180 - EVOTRON 60/180 - EVOTRON 80/180
	**OVAL ADAP. KIT - DN 40**	547121260	EVOSTA 40-70/130 - EVOSTA 40-70/180 EVOTRON 40/130 - EVOTRON 60/130 - EVOTRON 80/130 EVOTRON 40/180 - EVOTRON 60/180 - EVOTRON 80/180
	OVAL FLANGE KIT - DN 50	547121270	EVOTRON 40/180X - EVOTRON 60/180X - EVOTRON 80/180X VA 25/180X - VA 35/180X - VA 55/180X - VA 65/180X

e.box

E.BOX
PROTECTION AND CONTROL SYSTEMS


e.box basic

e.box plus is an electronic control panel for the protection and automatic operation of one or two submersible pumps or pressurizing both single-phase and three-phase, installed in domestic, civil and industrial environments.
e.box basic is an electronic control panel for the protection and automatic operation of one or two electronic submersible pumps or single-phase pressurization for domestic applications.

Nominal tension of power supply:
e.box plus 1x 230 V / 3 x 230 V - 3 x 400 V (automatic selection)
e.box basic 1x 230 V
Frequency: 50 - 60 Hz
Maximum use of power:
e.box plus 5,5 kWatt + 5,5 kWatt
e.box basic 2,2 kWatt + 2,2 kWatt
Maximum use of current: 12 A + 12 A
Starting capacitor: KIT supplied as an accessory
Limits of use ambient temperature: -10° C + 40° C
Limits of storage temperature: -25° C + 55° C
Relative humidity to the air: 90% a 20° C
Max altitude max: 1000 s.l.m.
Degree of protection: IP 55
Reference standard for the construction of the panels EN 60335-1

TECHNICAL DATA

MODEL	CODE	VOLTAGE 50 HZ	STARTING	P2 NOMINAL		MAX CURRENT A	TO BE USED FOR:
				kW x2	HP x2		
E.BOX BASIC 230/50-60	60163214	1 X 230 V	DIRECT	2,2	3	12+12	DKLM-DKLP single-phase
E.BOX PLUS 230-400V/50-60	60163215	1 X 230 V	DIRECT	2,2	3	12+12	DKLM-DLP single-phase
		3 X 230 V		3	4		DKLM-DKLP three-phase
		3 X 400 V		5,5	7,5		DCM three-phase 400V

PROTECTION AND CONTROL SYSTEMS

ED1,3M

ED1,5T

ED CONTROL SYSTEMS FOR 1 PUMP

Supplied on the box in self-extinguishing thermoplastic material, complete with brackets for wall mounting. The framework is self-protected and protects the pump from overload, short circuits with manual reset.
Complete with:
- Power line switch with pad lockable door handle (except in single-phase version)
- Self-protected transformer for the power supply of the external controls
- Terminals for connecting the electric pump and the float / pressure control switches
- Terminals without potential for controlling alarm and remote installation of an audible / visual alarm
- Button on the front panel for manual operation (single phase versions)
- Switch on the front panel for manual operation - 0 - Automatic
- Amperometric protection reports
- Pump running indicator
- Voltage indicator
-Limits of use ambient temperature: -10° C +40° C
-Degree of protection IP55

TECHNICAL DATA

MODEL	CODE	VOLTAGE 50 HZ	STARTING	P2 NOMINAL		MAX CURRENT A	TO BE USED FOR
				kW x2	HP x2		
ED0,1M	60169998	1X220 - 240 V~	DIRECT	0,1	0,1	1	ALM 200 M
ED0,08T	60170013	3X400 V~	DIRECT	0,1	0,08	1	ALM 200 T, ALM 500 T, ALP 800 T, KLM 40/300 T, KLM 50/300 T, KLM 50/600 T, KLM 65/300 T, KLM 65/600 T, KLM 80/300 T
ED0,3M	60170001	1X220 - 240 V~	DIRECT	0,2	0,3	2	ALM 500 M , ALP 800 M, KLM 40/300 M
ED0,5T	60170015	3X400 V~	DIRECT	0,4	0,5	2	ALP 2000 T , CM 40/440 T, CM 40/540 T, CM 40/670 T, CM 40/870 T, CM 50/1000 T, CM 50/1270 T, CM 50/510 T, CM 50/630 T, CM 50/780 T, CM-G 65/420 T, CM-G 65/540 T, KLM 80/600 T, KLP 40/1200 T, KLP 40/600 T, KLP 40/900 T, KLP 50/900 T, CM 40/1300 T, CM-G 65/660 T, CM-G 80/550 T, KLP 50/1200 T
ED0,75M	60170003	1X220 - 240 V~	DIRECT	0,6	0,75	4	KLP 40/600 M
ED1T	108320330	3X400 V~	DIRECT	0,7	1	3	CM 40/1450 T, CM 50/1420 T, CM-G 65/760 T, CM-G 65/920 T, CM-G 80/650 T, KLP 65/900 T, KLP 65/1200 T , KLP 80/900 T
ED1,5T	108320340	3X400 V~	DIRECT	1,1	1,5	4	CM-G 100/510 T, CP 50/2200T, KLP 80/1200 T
ED2,5T	108320350	3X400 V~	DIRECT	1,8	2,5	6	CM-G 65/1080 T, CM-G 65/1200 T, CM-G 65/1530 T, CM-G 80/740 T, CM-G 80/890 T, CM-G 80/1050 T, CM-G 100/650 T, CM-G 100/660 T, CM-G 100/865 T, CP 40/2300 T, CP 40/2700 T, CP 40/3500 T, CP 40/3800 T, CP 50/2600 T, CP 50/3100 T, CP-G 65/1470 T, CP-G 65/1900 T, CP-G 80/1400 T
ED4T	60170054	3X400 V~	DIRECT	2,9	4	10	CP 50/4100 T, CP 40/4700 T

For higher power control panels please contact our sales network

NOTES

INDEX - MULTISTAGE CENTRIFUGAL AND SELF-PRIMING PUMPS

JET - JETINOX - JETCOM
SELF-PRIMING CENTRIFUGAL PUMPS
AG AH AI PAG. 74

DP
PUMPS FOR DEEP SUCTION
A3 PAG. 77

GARDENJET - GARDEN INOX - GARDEN COM
SELF-PRIMING CENTRIFUGAL PUMPS
A4 PAG. 78

EURO - EUROINOX - EUROCOM
MULTISTAGE CENTRIFUGAL PUMPS
AJ AM AL PAG. 79

MULTI INOX
SELF-PRIMING HORIZONTAL MULTISTAGE PUMPS
AM PAG. 81

JET - JETINOX - EUROINOX M-P
CENTRIFUGAL PUMPS FITTED
AN AO PAG. 82

AQUAJET - AQUAJETINOX
SELFPRIMING AUTOMATIC BOOSTER
A2 PAG. 83

ACTIVE SYSTEM
ON/OFF AUTOMATIC ELECTRONIC BOOSTER SYSTEMS
A1 PAG. 84

BOOSTER SILENT
ON/OFF AUTOMATIC ELECTRONIC BOOSTER SYSTEMS
D7 PAG. 85

e.syLine
E7 PAG. 86

NBB
MOUNTING KIT FOR WATER COLLECTION AND PRESSURIZATION
DJ PAG. 90

ACTIVE SWITCH
IRAIN WATER SYSTEM
A5 PAG. 91

AQUAPROF
RAIN WATER SYSTEM
A5 PAG. 91

E.BOX
CONTROL PANEL
AT PAG. 92

SMART PRESS
ON/OFF CONTROLLER
AR PAG. 93

ACCESSORIES
PAG. 95

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

JET - JETINOX - JETCOM

SELF-PRIMING CENTRIFUGAL PUMPS

JET

JETINOX

JETCOM

CE

DOMESTIC WATER SUPPLY

Self-priming centrifugal pump with excellent suction capacity even when there are air bubbles. Particularly suitable for water supply in domestic installations, small-scale agriculture, gardening and wherever self- priming operation is necessary.
Jet: cast iron pump body.
Jetinox: stainless steel pump body.
Jetcom: technopolymer pump body.
Motor support in cast iron, technopolymer impeller, diffuser, Venturi tube and sand guard. Stainless steel adjustment rings.
Carbon/ceramic mechanical seal. Asynchronous motor closed and cooled by external ventilation. Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. For the protection of the three-phase motor it is advisable to use a suitable overload protection complying with the regulations in force.

Operating range: two-poles from 0.4 to 10.5 m³/h with head up to 62 metres
Liquid temperature range:
from 0°c to +35°C for domestic use
from 0°C to +40°C for other use
Pumped liquid characteristics: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral.
Maximum ambient temperature: +40°C
Maximum working pressure:
6 bar (600 kPa) for Jet and Jetcom
8 bar (800 kPa) for Jetinox
Protection level: IP 44 (IP 55 terminal board protection).
Insulation class: F

ACCESSORIES PAG. 95

TECHNICAL DATA - JET

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA										DNA GAS	DNM GAS	WT. KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	MOTOR TYPE	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				
JET 62 M	102660000	1X220-240 V~	0,72	0,44	0,6	3,12	-		42	35	29,2	25,6	22,9	21,1				1"	1"	10,5	28
JET 82 M	102660020	1X220-240 V~	0,85	0,6	0,8	3,8	-		47	40	34	30	26,2	23,5	20,3			1"	1"	10,7	28
JET 82 T	102660030	3X230-400 V~	0,86	0,6	0,8	2,8-1,6	-		47	40	34	30	26,2	23,5	20,3			1"	1"	10,7	28
JET 102 M	102660040	1X220-240 V~	1,13	0,75	1	5,1	-		53,8	47	41	36,3	32,4	28,8	25,8			1"	1"	12,5	28
JET 102 T	60145173	3X230-400 V~	1,04	0,75	1	3,3-1,9	IE2		53,8	47	41	36,3	32,4	28,8	25,8			1"	1"	12,5	28
JET 102 T	60179394	3X230-400 V~	1,04	0,75	1	3,3-1,9	IE3		53,8	47	41	36,3	32,4	28,8	25,8			1"	1"	12,5	28
JET 112 M	102660060	1X220-240 V~	1,4	1	1,36	6,2	-	H (m)	61	54	47,8	42,8	38,8	34,8	20			1"	1"	13,5	28
JET 112 T	60145276	3X230-400 V~	1,35	1	1,36	4,3-2,5	IE2		61	54	47,8	42,8	38,8	34,8	20			1"	1"	13,5	28
JET 112 T	60179414	3X230-400 V~	1,35	1	1,36	4,3-2,5	IE3		61	54	47,8	42,8	38,8	34,8	20			1"	1"	13,5	28
JET 92 M	102660080	1X220-240 V~	0,94	0,75	1	4,2	-		36,2	33,5	31	28,4	26	24	21,8	19,6	17	1"	1"	11,7	28
JET 132 M	102660100	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"	13,5	28
JET 132 T	60145277	3X230-400 V~	1,43	1	1,36	4,7-2,7	IE2		48,3	45,6	42,8	40	37,6	35	32,5	30	27,2	1"	1"	13,5	28
JET 132 T	60179413	3X230-400 V~	1,43	1	1,36	4,7-2,7	IE3		48,3	45,6	42,8	40	37,6	35	32,5	30	27,2	1"	1"	13,5	28

TECHNICAL DATA - JETINOX

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA										DNA GAS	DNM GAS	WT. KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	MOTOR TYPE	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				
JETINOX 82 M	102640020	1X220-240 V~	0,85	0,6	0,8	3,8	-		47	40	34	30	26,2	23,5	20,3			1"	1"	7,8	28
JETINOX 82 T	102640030	3X230-400 V~	0,86	0,6	0,8	2,8-1,6	-		47	40	34	30	26,2	23,5	20,3			1"	1"	7,8	28
JETINOX 102 M	102640040	1X220-240 V~	1,13	0,75	1	5,1	-		53,8	47	41	36,3	32,4	28,8	25,8			1"	1"	9,6	28
JETINOX 102 T	60145172	3X230-400 V~	1,04	0,75	1	3,3-1,9	IE2		53,8	47	41	36,3	32,4	28,8	25,8			1"	1"	9,6	28
JETINOX 102 T	60179395	3X230-400 V~	1,04	0,75	1	3,3-1,9	IE3		53,8	47	41	36,3	32,4	28,8	25,8			1"	1"	9,6	28
JETINOX 112 M	102640060	1X220-240 V~	1,4	1	1,36	6,2	-	H (m)	61	54	47,8	42,8	38,8	34,8	20			1"	1"	10,6	28
JETINOX 112 T	60145274	3X230-400 V~	1,35	1	1,36	4,3-2,5	IE2		61	54	47,8	42,8	38,8	34,8	20			1"	1"	10,6	28
JETINOX 112 T	60179416	3X230-400 V~	1,35	1	1,36	4,3-2,5	IE3		61	54	47,8	42,8	38,8	34,8	20			1"	1"	10,6	28
JETINOX 92 M	102640080	1X220-240 V~	0,94	0,75	1	4,2	-		36,2	33,5	31	28,4	26	24	21,8	19,6	17,5	1"	1"	8,8	28
JETINOX 132 M	102640100	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"	10,6	28
JETINOX 132 T	60145275	3X230-400 V~	1,43	1	1,36	4,7-2,7	IE2		48,3	45,6	42,8	40	37,6	35	32,5	30	27,2	1"	1"	10,6	28
JETINOX 132 T	60179415	3X230-400 V~	1,43	1	1,36	4,7-2,7	IE3		48,3	45,6	42,8	40	37,6	35	32,5	30	27,2	1"	1"	10,6	28

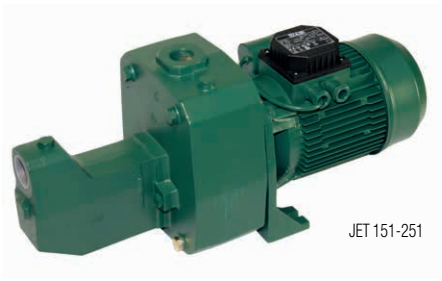
IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

JET - JETINOX - JETCOM
SELF-PRIMING CENTRIFUGAL PUMPS

TECHNICAL DATA - JETCOM

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA										DNA GAS	DNM GAS	WT. KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOTOR TYPE	Q=m³h	0	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8				
								Q=l/min	0	10	20	30	40	50	60	70	80				
JETCOM 62 M	102670000	1X220-240 V~	0,72	0,44	0,6	3,12	-	H (m)	42	35	29,2	25,6	22,9	13				1"	1"	7,5	28
JETCOM 82 M	102670020	1X220-240 V~	0,85	0,6	0,8	3,8	-		47	40	34	30	26,2	23,5	20			1"	1"	7,7	28
JETCOM 102 M	102670040	1X220-240 V~	1,13	0,75	1	5,1	-		53,8	47	41	36,3	32,4	28,8	25,8			1"	1"	9,5	28
JETCOM 102 T	60145176	3X230-400 V~	1,04	0,75	1	3,3-1,9	IE2		53,8	47	41	36,3	32,4	28,8	25,8			1"	1"	9,5	28
JETCOM 102 T	60179396	3X230-400 V~	1,04	0,75	1	3,3-1,9	IE3		53,8	47	41	36,3	32,4	28,8	25,8			1"	1"	9,5	28
JETCOM 92 M	102670080	1X220-240 V~	0,94	0,75	1	4,2	-		36,2	33,5	31	28,4	26	24	21,8	19,6	17,5	1"	1"	8,7	28
JETCOM 132 M	102670100	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"	10,5	28
JETCOM 132 T	60145278	3X230-400 V~	1,43	1	1,36	4,7-2,7	IE2		48,3	45,6	42,8	40	37,6	35	32,5	30	27,2	1"	1"	10,5	28
JETCOM 132 T	60179417	3X230-400 V~	1,43	1	1,36	4,7-2,7	IE3		48,3	45,6	42,8	40	37,6	35	32,5	30	27,2	1"	1"	10,5	28

TECHNICAL DATA - JET 200...251



JET 151-251

JET 200-300

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA																DNA GAS	DNM GAS	WT. KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOTOR TYPE	Q=m³h	0	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8	6	7,2	9	9,6	10,5				
								Q=l/min	0	10	20	30	40	50	60	70	80	100	120	150	160	175				
JET 151 M	102160062	1X220-240 V~	1,6	1,1	1,5	7,2	-	H (m)	61	58,2	56	53	50	46	43	36							1 ¼"	1 "	31	18
JET 151 T	60145787	3X230-400 V~	1,6	1,1	1,5	5,2-3	IE2		61	58,2	56	53	50	46	43	36							1 ¼"	1 "	31	18
JET 151 T	60179886	3X230-400 V~	1,6	1,1	1,5	5,2-3	IE3		61	58,2	56	53	50	46	43	36							1 ¼"	1 "	31	18
JET 200 M	102160142	1X220-240 V~	2,0	1,5	2	9	-		41			37,5	36,5	35,2	34	33	31,8	29,5	27,2	24	22,8	21,3	1 ½"	1 ¼"	27,1	18
JET 200 T	60145850	3X230-400 V~	2,0	1,5	2	6,8-3,9	IE2		41			37,5	36,5	35,2	34	33	31,8	29,5	27,2	24	22,8	21,3	1 ½"	1 ¼"	27,6	18
JET 200 T	60179888	3X230-400 V~	2,0	1,5	2	6,8-3,9	IE3		41			37,5	36,5	35,2	34	33	31,8	29,5	27,2	24	22,8	21,3	1 ½"	1 ¼"	27,6	18
JET 251 M	102160092	1X220-240 V~	2,2	1,85	2,5	10	-		62	60	58	56	54	51	48,5	46	43,5	39	34,2				1 ¼"	1 "	35	15
JET 251 T	60145849	3X230-400 V~	2,2	1,85	2,5	6,9-4	IE2		62	60	58	56	54	51	48,5	46	43,5	39	34,2				1 ¼"	1 "	30,8	18
JET 251 T	60179885	3X230-400 V~	2,2	1,85	2,5	6,9-4	IE3		62	60	58	56	54	51	48,5	46	43,5	39	34,2				1 ¼"	1 "	30,8	18
JET 300 M	102160162	1X220-240 V~	2,7	2,2	3	12	-		51			48	47	46	44,5	43	42	40	37	33	32	29	1 ½"	1 ¼"	31,5	15
JET 300 T	60145907	3X230-400 V~	2,7	2,2	3	8,5-4,9	IE2		51			48	47	46	44,5	43	42	40	37	33	32	29	1 ½"	1 ¼"	27	18
JET 300 T	60179887	3X230-400 V~	2,7	2,2	3	8,5-4,9	IE3		51			48	47	46	44,5	43	42	40	37	33	32	29	1 ½"	1 ¼"	19	18

DP - *DOMESTIC WATER SUPPLY*

HYDRAULIC DATA (n ≃ 2800 1/min.)																
MODEL	P2 NOMINAL		EJECTOR TYPE	SUCTION DEPTH	Delivery pressure in bar											
					1,5	2	2,5	3	3,5	4	4,5	5	5,5	6	6,5	7
	kW	HP			Capacity table in l/h											
DP 82 M - T	0,6	0,8	E 25	9 12 15	1813 1426 900	1080 225 326	446 – –	33 – –	– – –	– – –	– – –	– – –	– – –	– – –	– – –	– – –
			E 30	9 12 15	1753 1345 1166	1286 965 761	812 608 452	524 329 228	261 162 45	12 0 –	– – –	– – –	– – –	– – –	– – –	– – –
DP 102 M - T	0,75	1	E 25	9 12 15	2386 1930 1459	1756 1190 773	1097 536 252	515 87 –	126 – –	– – –	– – –	– – –	– – –	– – –	– – –	– – –
			E 30	12 15 18 21	– – – –	1240 1028 785 635	872 701 527 374	566 449 302 180	329 255 150 39	156 96 15 –	– – – –	– – – –	– – – –	– – – –	– – – –	– – – –
DP 151 M - T	1,1	1,5	E 20	9 12 15 18	– – – –	– – – –	– – – –	3470 3110 2710 2360	2890 2510 2100 1700	2220 1850 1380 950	1500 1100 640 –	750 300 – –	– – – –	– – – –	– – – –	– – – –
			E 25	15 18 21	– – –	– – –	– – –	2800 2530 2280	2330 2050 1800	1830 1550 1300	1350 1090 860	900 680 470	520 300 –	– – –	– – –	– – –
			E 30	21 24 27	– – –	– – –	– – –	1820 1680 1550	1650 1520 1360	1410 1260 1110	1160 1020 880	910 780 680	700 580 490	520 420 330	– – –	– – –
DP 251 M - T	1,85	2,5	E 20	9 12 15 18	– – – –	– – – –	– – – –	4300 3750 – –	3600 3140 2780 2340	2900 2540 2040 1610	2180 1700 1300 820	1400 940 500 –	640 – – –	– – – –	– – – –	– – – –
			E 25	15 18 21 24	– – – –	– – – –	– – – –	– – – –	2920 2600 2350 2050	2400 2110 1850 1550	1900 1620 1350 1080	1400 1150 900 660	950 720 510 300	570 360 – –	– – – –	– – – –
			E 30	21 24 27	– – –	– – –	– – –	– – –	– – –	1710 1580 1440	1480 1330 1200	1220 1080 950	980 850 750	770 670 560	590 490 400	420 330 250

M - T = Single-phase (M) and Three-phase (T)

IE2 ≥ 0,75kW
ONLY FOR EXTRA EU MARKETS

DP
PUMPS FOR DEEP SUCTION


DP 82-102


DP 151-251

CE

DOMESTIC WATER SUPPLY

Self-priming centrifugal pump for suction up to 27 metres, reached by means of an ejector. Cast iron pump body and motor support. Technopolymer impeller and diffusers. Stainless steel adjustment rings. Carbon/ceramic mechanical seal. Cast iron ejector body, technopolymer Venturi tube and brass nozzle. Asynchronous motor closed and cooled by external ventilation.
Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. For the protection of the three-phase motor it is advisable to use a suitable overload protection complying with the regulations in force.

Operating range: from 0.15 to 4.3 m³/h
Liquid temperature range:
from 0°C to +40°C for other uses
from 0°C to +35° C for domestic use
Pumped liquid characteristics: clean, free from solids or abrasive substances, not viscous, not aggressive, not 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 level: IP 44
Insulation class: F

ACCESSORIES PAG. 95

TECHNICAL DATA

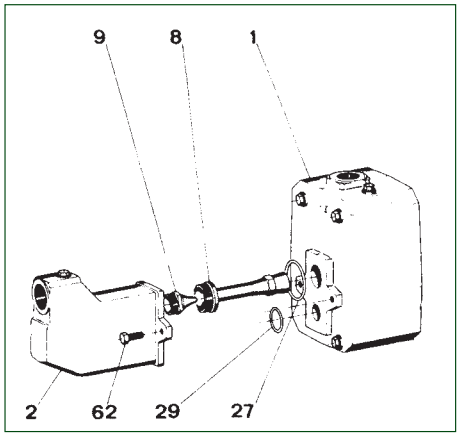
MODEL	CODE	ELECTRICAL DATA					MOTOR TYPE	WEIGHT KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL kW	P2 NOMINAL HP	In A			
DP 82 M	102660860	1x220-240 V ~	0,73	0,6	0,8	3,4	-	10,7	28
DP 82 T	102660870	3x230-400 V ~	0,73	0,6	0,8	2,6-1,5	-	10,7	28
DP 102 M	102660880	1x220-240 V ~	0,79	0,75	1	3,8	-	13	28
DP 102 T	60145174	3x230-400 V ~	0,64	0,75	1	2,6-1,5	IE2	13	28
DP 102 T	60179391	3x230-400 V ~	0,64	0,75	1	2,6-1,5	IE3	13	28
DP 151 M	102161042	1x220-240 V ~	1,56	1,1	1,5	7	-	28	21
DP 151 T	60145799	3x230-400 V ~	1,45	1,1	1,5	4,7-2,7	IE2	28	21
DP 151 T	60179923	3x230-400 V ~	1,45	1,1	1,5	4,7-2,7	IE3	28	21
DP 251 M	102161072	1x220-240 V ~	–	1,85	2,5	8,3	-	32,5	21
DP 251 T	60145851	3x230-400 V ~	–	1,85	2,5	5,6-3,2	IE2	27,9	21
DP 251 T	60179924	3x230-400 V ~	–	1,85	2,5	5,6-3,2	IE3	27,9	21

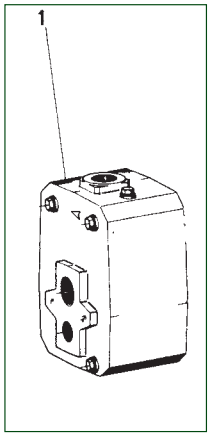
EJECTORS DP

MODEL	CODE	Q.TY X BOX
EJECTORS E 20	109200000	12
EJECTORS E 25	109200020	12
EJECTORS E 30	109200010	12

Don't provided with pump, to be ordered separately.

INSTRUCTIONS FOR CONVERTION





Conversion from DP 151-251 to JET 151-251
Screw the nozzle (9) into place on the ejector's body (2) and the Venturi tube (8). Put the O-rings (27) and (29) in their respective places and fix the ejector body (2) to the pump body (1) using the two screws (62).

MODEL	CODE
EJECTOR JET 151 ASS.Y	R00009981
EJECTOR JET 251 ASS.Y	R00009983

Conversion from JET 151-251 to DP 151-251
Loosen and remove the two screws (62) connecting the ejector body (2) to the pump body (1).
Save the O-rings (27) and (29), the Venturi tube (8) and the nozzle (9).

GARDENJET - GARDEN INOX - GARDEN COM

SELF-PRIMING CENTRIFUGAL PUMPS

GARDENJET

GARDEN-INOX

GARDEN-COM

CE

DOMESTIC WATER SUPPLY

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.
Gardenjet: 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.
nduction 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).

Motor protection: IP 44
Terminal box protection: IP 55
Insulation class: F
Standard voltage: single-phase220-240 V/50 Hz
Operating range: from 0.4 to 5.4 m^3/h with head up to 54 metres.
Liquid quality requirements: clean, free from solids or abrasive substances, non viscous, non aggressive, non crystallizeneutral, 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 operating pressure:
8 bar (800 kPa)
6 bar (600 kPa) only for technopolymer models (JETCOM)
Installation: fixed or portable in a horizontal position.
Special executions on request: other voltages and/or frequencies.

ACCESSORIES | PAG. 95

TECHNICAL DATA

MODEL	CODE	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^3h	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				
GARDENJET 82 M	102652010	1x220-240 V ~	0,85	0,6	0,8	3,8		47	40	34	30	26,2	23,5	20,3			1 "	1 "	11	28
GARDENJET 102 M	102652020	1x220-240 V ~	1,13	0,75	1	5,1		53,8	47	41	36,3	32,4	28,8	25,8			1 "	1 "	12,8	28
GARDENJET 132 M	102652040	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 "	13,8	28
GARDEN-INOX 82 M	102657010	1x220-240 V ~	0,85	0,6	0,8	3,8		47	40	34	30	26,2	23,5	20,3			1 "	1 "	10,7	28
GARDEN-INOX 102 M	102657020	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 "	12,5	28
GARDEN-INOX 132 M	102657040	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 "	13,5	28
GARDEN-COM 62 M	102682000	1x220-240 V ~	0,72	0,44	0,6	3,12		42,7	35	29,2	25,6	22,9	13				1 "	1 "	10,7	28
GARDEN-COM 82 M	102682010	1x220-240 V ~	0,85	0,6	0,8	3,8		47	40	34	30	26,2	23,5	20,3			1 "	1 "	10,7	28
GARDEN-COM 102 M	102682020	1x220-240 V ~	1,13	0,75	1	5,1		53,8	47	41	36,3	32,4	28,8	25,8			1 "	1 "	12,5	28

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

EURO - EUROINOX - EUROCOM

MULTISTAGE CENTRIFUGAL PUMPS

CE

DOMESTIC WATER SUPPLY

EURO

EUROINOX

EUROCOM

Multistage horizontal centrifugal pump, featuring extremely silent running suitable for domestic use for water supply and pressurisation, irrigation of gardens and vegetable gardens, and moving water in general.
Euro: pump body in 200 UNI ISO 185 cast iron.
Euroinox: stainless steel pump body.
Eurocom: technopolymer pump body.
Motor support in die-cast aluminium, seal holder in AISI 304 steel. Mechanical seal in carbon/ceramic. Rotor shaft in AISI 304 steel. Rotors, diffuser bodies and diffusers in technopolymer. Adjustment rings in stainless steel.

Protection level of motor: IP 44
Protection level of terminal board: IP 55
Insulation class: F
Operating range: from 10 to 120 l/min. with a head of up to 72 m.
Pumped liquid characteristics: clean, free from solid or abrasive substances, not viscous, not aggressive, not crystallised, chemically neutral and close to the characteristics of water.
Liquid temperature range:
from 0°C to +35°C C for domestic use (EN 60335-2-41)
from 0°C to +40°C for other uses.
Maximum ambient temperature: +40°C
Maximum operating pressure: 8 bar (800 kPa)
Euroinox: self-priming.other uses.
Maximum ambient temperature: +40°C
Maximum operating pressure: 8 bar (800 kPa)
Euroinox: self-priming.

ACCESSORIES PAG. 95

TECHNICAL DATA - EURO

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA														N° IMPELLERS	DNA GAS	DNM GAS	WT. KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	MOTOR TYPE	Q=m³h	0	0,6	1,2	1,8	2,4	3,0	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	102970000	1x220-240 V ~	0,510	0,37	0,5	2,4	-	H (m)	34,4	31,7	28,3	23,5	17,5	11						3	1 "	1 "	10,7	28
EURO 30/30 M	60169377	1x220-240 V ~	0,74	0,45	0,6	3,2	-		46	42,2	37,8	31,2	23,3	14,3						4	1 "	1 "	12,7	28
EURO 40/30 M	102970040	1x220-240 V ~	0,870	0,55	0,75	3,9	-		57	52,7	47	38,8	29	17,7						5	1 "	1 "	12,8	28
EURO 30/50 M	102970060	1x220-240 V ~	0,880	0,55	0,75	3,9	-		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	102970080	1x220-240 V ~	1,200	0,75	1	5,3	-		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	60145283	3x230-400 V ~	1,180	0,75	1	3,8/2,2	IE2		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	3x230-400 V ~	1,180	0,75	1	3,8/2,2	IE3		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	102970100	1x220-240 V ~	1,480	1	1,36	6,3	-		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	60145284	3x230-400 V ~	1,440	1	1,36	4,4/2,5	IE2		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	3x230-400 V ~	1,440	1	1,36	4,4/2,5	IE3		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	102970140	1x220-240 V ~	1,2	0,8	1,1	5,3	-		47		46,5	45	43,5	41	38	34,5	31	23	12	4	1 "	1 "	15,6	28
EURO 30/80 T	60145285	3x230-400 V ~	1,18	0,8	1,1	3,8/2,2	IE2		47		46,5	45	43,5	41	38	34,5	31	23	12	4	1 "	1 "	15,6	28
EURO 30/80 T	60179424	3x230-400 V ~	1,18	0,8	1,1	3,8/2,2	IE3		47		46,5	45	43,5	41	38	34,5	31	23	12	4	1 "	1 "	15,6	28
EURO 40/80 M	102970160	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 "	16,2	28
EURO 40/80 T	60145286	3x230-400 V ~	1,44	1	1,36	4,4/2,5	IE2		59		57	56	54	51	47	43,5	39	29,5	16,5	5	1 "	1 "	16,2	28
EURO 40/80 T	60179422	3x230-400 V ~	1,44	1	1,36	4,4/2,5	IE3		59		57	56	54	51	47	43,5	39	29,5	16,5	5	1 "	1 "	16,2	28

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

EURO - EUROINOX - EUROCOM

MULTISTAGE CENTRIFUGAL PUMPS

TECHNICAL DATA - EUROINOX

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA												N° IMPELLERS	DNA GAS	DNM GAS	WT. KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOTOR TYPE	Q=m³h	0	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8	6	7,2					
								Q=l/min	0	10	20	30	40	50	60	70	80	100	120					
EUROINOX 25/30 M	102970200	1x220-240 V ~	0,520	0,37	0,5	2,4	-		34	31,7	28,3	23,5	17,5	11						3	1 "	1 "	9,7	28
EUROINOX 30/30 M	102970220	1x220-240 V ~	0,720	0,45	0,6	3,2	-		46	42,2	37,8	31,2	23,3	14,3						4	1 "	1 "	11,7	28
EUROINOX 40/30 M	102970240	1x220-240 V ~	0,880	0,55	0,75	3,9	-		57	52,7	47	38,8	29	17,7						5	1 "	1 "	11,9	28
EUROINOX 30/50 M	102970260	1x220-240 V ~	0,880	0,55	0,75	3,9	-		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	102970270	3x230-400 V ~	0,870	0,55	0,75	2,8-1,6	-		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	102970280	1x220-240 V ~	1,200	0,75	1	5,3	-		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	60145287	3x230-400 V ~	1,180	0,75	1	3,8-2,2	IE2		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	60179419	3x230-400 V ~	1,180	0,75	1	3,8-2,2	IE3		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	102970300	1x220-240 V ~	1,480	1	1,36	6,3	-	H (m)	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	60145288	3x230-400 V ~	1,440	1	1,36	4,4-2,5	IE2		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	60179421	3x230-400 V ~	1,440	1	1,36	4,4-2,5	IE3		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	102970340	1x220-240 V ~	1,200	0,8	1,1	5,3	-		47		46,5	45	43,5	41	38	34,5	31	23	12	4	1 "	1 "	14,6	28
EUROINOX 30/80 T	60145289	3x230-400 V ~	1,18	0,8	1,1	3,8 - 2,2	IE2		47		46,5	45	43,5	41	38	34,5	31	23	12	4	1 "	1 "	14,6	28
EUROINOX 30/80 T	60179423	3x230-400 V ~	1,18	0,8	1,1	3,8 - 2,2	IE3		47		46,5	45	43,5	41	38	34,5	31	23	12	4	1 "	1 "	14,6	28
EUROINOX 40/80 M	102970360	1x220-240 V ~	1,48	1	1,36	6,5	-		59		57	56	54	51	47	43,5	39	29,5	16,5	5	1 "	1 "	15,1	28
EUROINOX 40/80 T	60145290	3x230-400 V ~	1,44	1	1,36	4,4-2,5	IE2		59		57	56	54	51	47	43,5	39	29,5	16,5	5	1 "	1 "	15,1	28
EUROINOX 40/80 T	60179418	3x230-400 V ~	1,44	1	1,36	4,4-2,5	IE3		59		57	56	54	51	47	43,5	39	29,5	16,5	5	1 "	1 "	15,1	28

TECHNICAL DATA - EUROCOM

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA												N° IMPELLERS	DNA GAS	DNM GAS	WT. KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOTOR TYPE	Q=m³h	0	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8	6	7,2					
								Q=l/min	0	10	20	30	40	50	60	70	80	100	120					
EUROCOM 25/30 M	102960000	1x220-240 V ~	0,520	0,37	0,5	2,4	-		34,4	31,7	28,3	23,5	17,5	11						3	1 "	1 "	8	28
EUROCOM 30/50 M	102960060	1x220-240 V ~	0,880	0,55	0,75	3,9	-		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	102960080	1x220-240 V ~	1,200	0,75	1	5,3	-		57,7	55,3	52,8	50,1	47,1	42,7	35,8	28	19,2			4	1 "	1 "	11	28
EUROCOM 40/50 T	60145279	3x230-400 V ~	1,180	0,75	1	3,8-2,2	IE2	H (m)	57,7	55,3	52,8	50,1	47,1	42,7	35,8	28	19,2			4	1 "	1 "	11	28
EUROCOM 40/50 T	60179427	3x230-400 V ~	1,180	0,75	1	3,8-2,2	IE3		57,7	55,3	52,8	50,1	47,1	42,7	35,8	28	19,2			4	1 "	1 "	11	28
EUROCOM 30/80 T	60145280	3x230-400 V ~	1,040	0,8	1,1	3,3-1,9	IE2		47		46,5	45	43,5	41	38	34,5	31	23	12	4	1 "	1 "	11	28
EUROCOM 30/80 T	60179425	3x230-400 V ~	1,040	0,8	1,1	3,3-1,9	IE3		47		46,5	45	43,5	41	38	34,5	31	23	12	4	1 "	1 "	11	28

MULTI INOX

SELF-PRIMING HORIZONTAL MULTISTAGE PUMPS

CE

DOMESTIC WATER SUPPLY

Self-priming multistage pumps ideal for water supply in domestic and garden applications. High performances. Available with 3 - 4 – 5 **impellers in AISI 304 stainless steel**.
Materials resistant to corrosion and oxidation.
Motor with thermal overload protection.
Double insulation between motor and hydraulic section.

Optimal resistance to low temperatures.
Supplied complete with power cable and plug.
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).

ACCESSORIES PAG. 95

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA										N° IMPELLERS	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	3,0	3,6	4,2	4,8	5,4					
				kW	HP		Q=l/min	0	10	20	30	40	50	60	70	80	90					
MULTI INOX 3 M	60122692	1x220-240 V ~	0,80	0,55	0,75	3,7	H (m)	33	32	30	29	27	22	19	14	10	5	3	1 "	1 "	8,8	21
MULTI INOX 4 M	60122693	1x220-240 V ~	1,00	0,75	1	4,5		46	45	43	40	38	33	28	22	16	9	4	1 "	1 "	11,3	21
MULTI INOX 5 M	60122694	1x220-240 V ~	1,25	1	1,36	5,5		59	58	56	53	49	45	38	32	25	13	5	1 "	1 "	12,5	21

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

JET - JET INOX - EUROINOX M-P

CENTRIFUGAL PUMPS FITTED

CE

DOMESTIC WATER SUPPLY

JET 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.

ACCESSORIES PAG. 95

TECHNICAL DATA - JET M-P - JETINOX M-P

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA																	DNA GAS	DNM GAS	WT. KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	MOTOR TYPE	Q=m³h	0	0,6	1,2	1,8	2,4	3,0	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	102662000	1x220-240 V ~	0,72	0,44	0,6	3,12	-		42	35	29,2	25,6	22,9	21,1										1"	1"	11,9	24
JET 82 M-P	102662020	1x220-240 V ~	0,85	0,6	0,8	3,8	-		47	40	34	30	26,2	23,5	20,3									1"	1"	12,1	24
JET 102 M-P	102662040	1x220-240 V ~	1,13	0,75	1	5,1	-		53,8	47	41	36,3	32,4	28,8	25,8									1"	1"	13,9	24
JET 132 M-P	102662100	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"	14,9	24
JET 200 M-P	102162182	1x220-240 V ~	2	1,5	2	9	-		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	60147316	3x400 V~	2	1,5	2	3,9	IE2		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 200 T-P	60180134	3x400 V~	2	1,5	2	3,9	IE3		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	102162192	1x220-240 V ~	2,7	2,2	3	12	-		51			48	47	46	44,5	43	42	40	37	33	32	29		1½"	1¼"	31,5	9
JET 300 T-P	60147318	3x400 V~	2,7	2,2	3	8,5-4,9	IE2		51			48	47	46	44,5	43	42	40	37	33	32	29		1½"	1¼"	30	9
JET 300 T-P	60180135	3x400 V~	2,7	2,2	3	8,5-4,9	IE3	H (m)	51			48	47	46	44,5	43	42	40	37	33	32	29		1½"	1¼"	31	9
JET 151 M-P	102162062	1x220-240 V ~	1,6	1,1	1,5	7,2	-		61	58,2	56	53	50	46	43	36								1¼"	1"	31,5	18
JET 151 T-P	60147315	3x400 V~	1,6	1,1	1,5	5,2-3	IE2		61	58,2	56	53	50	46	43	36								1¼"	1"	33	18
JET 151 T-P	60180136	3x400 V~	1,6	1,1	1,5	5,2-3	IE3		61	58,2	56	53	50	46	43	36								1¼"	1"	33	18
JET 251 M-P	102162082	1x220-240 V ~	2,2	1,85	2,5	10	-		62	60	58	56	54	51	48,5	46	43,5	39	34,2					1¼"	1"	36	15
JET 251 T-P	60147317	3x400 V~	2,2	1,85	2,5	6,9-4	IE2		62	60	58	56	54	51	48,5	46	43,5	39	34,2					1¼"	1"	34	15
JET 251 T-P	60180137	3x400 V~	2,2	1,85	2,5	6,9-4	IE3		62	60	58	56	54	51	48,5	46	43,5	39	34,2					1¼"	1"	34	15
JETINOX 82 M-P	102642020	1x220-240 V ~	0,85	0,6	0,8	3,8	-		47	40	34	30	26,2	23,5	20,3									1"	1"	13,6	18
JETINOX 102 M-P	102642040	1x220-240 V ~	1,13	0,75	1	5,1	-		53,8	47	41	36,3	32,4	28,8	25,8									1"	1"	14,8	18
JETINOX 132 M-P	102642100	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"	15,8	18

TECHNICAL DATA - EUROINOX M-P

MODEL	CODE	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	3,0	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 40/30 M-P	102972240	1 x 220-240 V~	0,88	0,55	0,75	3,9		57	52,7	47	38,8	29	17,7						1"	1"	15,5	12
EUROINOX 30/50 M-P	102972260	1 x 220-240 V~	0,88	0,55	0,75	3,9		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	102972280	1 x 220-240 V~	1,2	0,8	1,1	5,3	H (m)	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	102972340	1 x 220-240 V~	1,2	0,75	1	5,3		47		46,5	45	43,5	41	38	34,5	31	23	12	1"	1"	14,5	12
EUROINOX 40/80 M-P	102972360	1 x 220-240 V~	1,48	1	1,36	6,3		59		57	56	54	51	47	43,5	39	29,5	16,5	1"	1"	17,5	12

AQUAJET - AQUAJETINOX

SELF-PRIMING AUTOMATIC BOOSTER

CE

DOMESTIC WATER SUPPLY

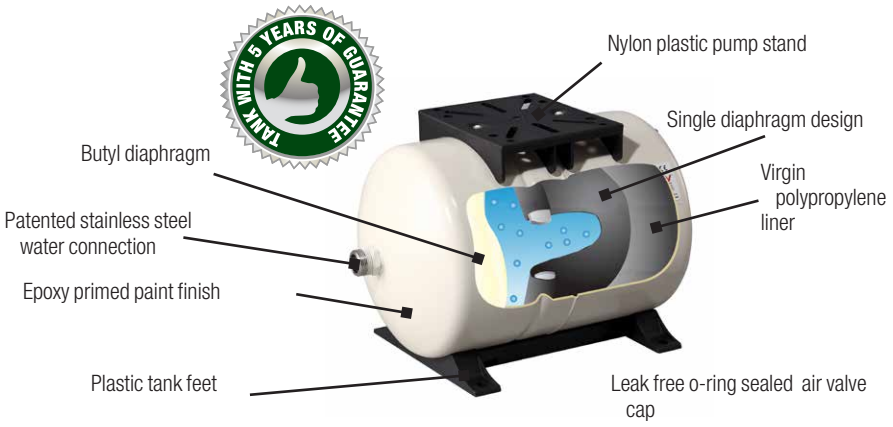
Automatic water lifting units, suitable for domestic use, small installations for civil, agricultural, industrial use, washing and hobby applications.
The unit is equipped with a JET or JETINOX type self-priming electropump, vessel, pressure switch for automatic operation, pressure gauge, fitting kit between pump and motor, all pre-assembled.
Tank: horizontal, 20 litres capacity type, inner single diaphragm high-grade butyl membrane and virgin polypropylene liner, complete with stands at the bottom and brackets for fixing the pump to the top.

Operating range: up to 5.4 m³/h with head up to 61 metres
Liquid temperature range:
from 0°C to +35°C for domestic use
from 0°C to +40°C for other use
Pumped liquid characteristics: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral.
Maximum ambient temperature: +40°C
Maximum working pressure: 8 bar (800 kPa)
Protection level: IP 44 (IP 55 terminal board protection).
Insulation class: F

ACCESSORIES PAG. 95

TECHNICAL DATA - AQUAJET

MODEL	CODE	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	3,0	3,6	4,2	4,8				
				kW	HP		Q=l/min	0	10	20	30	40	50	60	70	80				
AQUAJET 82 M - G	60121345	1x220-240 V ~	0,85	0,6	0,8	3,8	H (m)	47	40	34	30	26,2	23,5	20,3			1"	1"	18,2	12
AQUAJET 102 M - G	60121344	1x220-240 V ~	1,13	0,75	1	5,1		53,8	47	41	36,3	32,4	28,8	25,8			1"	1"	20,0	12
AQUAJET 112 M - G	60141881	1x220-240 V ~	1,4	1	1,36	6,2		61	54	47,8	42,8	38,8	34,8	22			1"	1"	21,0	12
AQUAJET 92 M - G	60141882	1x220-240 V ~	0,94	0,75	1	4,2		36,2	33,5	31	28,4	26	24	21,8	19,6	17,5	1"	1"	19,2	12
AQUAJET 132 M - G	60141883	1x220-240 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"	21,0	12



TECHNICAL DATA - AQUAJETINOX

MODEL	CODE	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	3,0	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	60141884	1x220-240 V ~	0,85	0,6	0,8	3,8	H (m)	47	40	34	30	26,2	23,5	20,3			1"	1"	15,3	12
AQUAJET-INOX 102 M - G	60141885	1x220-240 V ~	1,13	0,75	1	5,1		53,8	47	41	36,3	32,4	28,8	25,8			1"	1"	17,1	12
AQUAJET-INOX 112 M - G	60141886	1x220-240 V ~	1,4	1	1,36	6,2		61	54	47,8	42,8	38,8	34,8	20			1"	1"	18,1	12
AQUAJET-INOX 132 M - G	60141888	1x220-240 V ~	1,43	1	1,36	4,7-2,7		4,3	45,6	42,8	40	37,6	35	32,5	30	27,2	1"	1"	18,1	12

ACTIVE SYSTEM

ON/OFF AUTOMATIC ELECTRONIC BOOSTER SYSTEMS

ACTIVE J

ACTIVE EI

CE

DOMESTIC WATER SUPPLY

Automatic lifting units, particulary suitable for domestic use, small systems for civil, agricultural and industrial use, washing systems and hobby applications.
They are characterised by the use of:
- self-priming motor-driven pumps JET, JETINOX, JETCOM, EUROINOX that can even work when there are bubbles of air or gas. They are essential for drawing from artesian wells or wherever suction difficulties arise.
The EURO - EUROCOM multistage centrifugal pumps are particularly appropriate for low-noise underwater operation.
The **ACTIVE** system helps increase pressure in systems where it is insufficient or irregular.

The **ACTIVE** system is a built-in, easy-to-install, and ready-to-use device which:
- controls it
- commands it automatically
- controls its operation
- limits starts
- guarantees pressure stability inside the hydraulic circuit.
- electronically controls starting pressure

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA												DNA GAS	DNM GAS	WEIGHT 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	3,0	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				
ACTIVE J 62 M	102690000	1x220-240 V ~	0,72	0,44	0,6	3,12		42,7	35	29,2	25,6	22,9	13						1 "	1 "	10,5	14
ACTIVE J 82 M	102690010	1x220-240 V ~	0,85	0,6	0,8	3,8		47	40	34	30	26,2	23,5	20,3					1 "	1 "	13,2	14
ACTIVE J 102 M	102690020	1x220-240 V ~	1,13	0,75	1	5,1		53,8	47	41	36,3	32,4	28,8	25,8					1 "	1 "	12,5	14
ACTIVE J 132 M	102690050	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 "	13,5	14
ACTIVE JI 82 M	102690210	1x220-240 V ~	0,85	0,6	0,8	3,8		47	40	34	30	26,2	23,5	20,3					1 "	1 "	10,7	14
ACTIVE JI 102 M	102690220	1x220-240 V ~	1,13	0,75	1	5,1		53,8	47	41	36,3	32,4	28,8	25,8					1 "	1 "	12,5	14
ACTIVE JI 132 M	102690250	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 "	13,5	14
ACTIVE JC 102 M	102690420	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 "	12,5	14
ACTIVE JC 132 M	102690450	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"	13,5	14
ACTIVE EI 30/30 M	102690810	1x220-240 V ~	0,72	0,45	0,6	3,2		46	42,2	37,8	31,2	23,3	14,3						1"	1"	13,5	14
ACTIVE EI 30/50 M	102690830	1x220-240 V ~	0,88	0,55	0,75	3,9		42,2	40,2	38,2	36,2	33,8	30	24,8	19,5	14			1"	1"	10,0	14
ACTIVE EI 40/50 M	102690840	1x220-240 V ~	1,20	0,8	1,1	5,3		57,7	55,3	52,8	50,1	47,1	42,7	35,8	28	19,2			1"	1"	15,5	14
ACTIVE EI 50/50 M	102690850	1x220-240 V ~	1,48	1	1,36	6		72	68,5	65,5	62,1	58,2	52,2	48	43,6	34,5	26		1 "	1 "	15,2	14
ACTIVE EI 25/80 M	102690860	1x220-240 V ~	0,880	0,55	0,75	3,9		34		33	32	30,5	28,5	26	23,5	21	14,5	6,5	1"	1"	9,5	14
ACTIVE EI 40/80 M	102690880	1x220-240 V ~	1,48	1	1,36	6		59	58	57	56	54	51	47,5	43,8	39,5	29,5	16	1 "	1 "	15	14

ACCESSORIES INCLUDED

MODEL	CODE	Q.TY X BOX
ACTIVE FLEXIBLE PIPE FOR HYDRAULIC CONNECTION	147120790	1

ACTIVE FLEXIBLE PIPE

BOOSTER SILENT

ON/OFF AUTOMATIC ELECTRONIC BOOSTER SYSTEMS

ONLY 67 dB

DOMESTIC WATER SUPPLY

The world's quietest (67 dB) multi-impeller (3-4-5) self-priming pumps, with integral electronics for water supplies in homes and gardens.
Equipped with an electronic safety device to prevent dry running. Integral check valve on suction.

Automatic Starting and Stopping when tap is turned on or turned off.
Manual and automatic reset
Supplied complete with power cable and plug.
Supplied with 2 l tank.

ACCESSORIES PAG. 95

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA										N° IMPELLERS	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	3,0	3,6	4,2	4,8					
				kW	HP		Q=l/min	0	10	20	30	40	50	60	70	80					
BOOSTER SILENT 3 M	60122696	1 x 230 V ~	0,8	0,55	0,75	3,7	H (m)	37	34	32	31	27	23	19	15	8	3	1 "	1 "	11,5	18
BOOSTER SILENT 4 M	60122698	1 x 230 V ~	1	0,75	1	4,7		47	43	40	35	31	27	22	17	9	4	1 "	1 "	11,5	18
BOOSTER SILENT 5 M	60122699	1 x 230 V ~	1,25	1	1,36	5,7		57	52	48	43	38	31	25	18	10	5	1 "	1 "	11,5	18

ACCESSORIES INCLUDED

RIF.	DESCRIPTION	CODE
A	**3-WAY FITTING**	60147112
B	**STRAIGHT FITTING**	
C	**2 LT TANK:** · diaphragm high-grade butyl membrane · Patented stainless steel water connection · Epoxy primed paint finish · Single diaphragm design · Virgin polypropylene liner · Leak free o-ring sealed air valve cap	

e.syLine

E.SYBOX MINI

ELECTRONIC PRESSURISATION SYSTEM

e.sybox mini

CE

DOMESTIC WATER SUPPLY

E.SYBOX mini is the DAB compact automatic pressurisation system for the water supply of a single dwelling. E.SYBOX mini guarantees the comfort of constant pressure (Pressure Set Point adjustable from 1 up to 5 bar) inside the system, and energy savings thanks to the inverter technology. Suitable for use with drinking water, in domestic systems, and in gardening applications. E.SYBOX mini does not require any additional components for its installation.
It consists of a high frequency self-priming double impeller pump, management inverter electronics, pressure and flow sensors, adjustable high resolution LCD display with 1 litre built-in expansion vessel, and cartridge check valve. The double suction and delivery ports allow both vertical and horizontal installation. Thanks to its compact sizes, installation is also possible in difficult places without high air exchange.

Operating range:
capacity up to 80 l/min; head up to 50 m
Liquid quality requirements: clean, free from solid or abrasive contaminants, non-viscous, non-aggressive, uncrystallised and chemically neutral.
Liquid temperature range: from 0°C to +35°C for domestic use
for other use: from 0°C to +40°C
Maximum suction depth: 8 meters
Maximum ambient temperature: +50°C
Maximum operating pressure: 7,5 bar (750 kPa)
Motor protection rating: IPX4
Insulation class: F
Installation: Horizontal or vertical fixed position
Special executions on request: alternative types of electrical plug

TECHNICAL DATA

MODEL	CODE	N° IMPELLERS	ELECTRICAL DATA				HYDRAULIC DATA									DNA GAS	DNM GAS	WT. KG	Q.TY x PALLET
			VOLTAGE 50 - 60 Hz	P1 MAX kW	P1 MAX HP	In A	Q=m³h	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8				
							Q=l/min	10	20	30	40	50	60	70	80				
E.SYBOX MINI 220-240V	60163600	2	1x220-240V ~	0,85	1,14	8 - 7	H (m)	50,0	44,5	38,0	31,0	24,0	17,0	9,6	1,8	1"	1"	14,6	18
E.SYBOX MINI 220-240V + PRESSURE SENSOR INLET SIDE	60173408	2	1x220-240V ~	0,85	1,14	8 - 7		50,0	44,5	38,0	31,0	24,0	17,0	9,6	1,8	1"	1"	14,6	18

263L x 236P x 439H*

*Vertical e.sybox mini

WRAS APPROVED PRODUCT

ENERGY SAVING UP TO 50%

COMPARED TO ANY TRADITIONAL SOLUTION

discover e.sybox mini
www.dabpumps.com/e.syboxmini

VERTICAL INSTALLATION

HORIZONTAL INSTALLATION

DAB WATER•TECHNOLOGY

e.syLine

E.SYBOX
ELECTRONIC PRESSURIZATION SYSTEM

product design award 2013

CE

DOMESTIC WATER SUPPLY

E.SYBOX is DAB's new integrated system for pressurization in domestic and residential areas.
E.SYBOX does not require any additional components for installation. It consists of a self-priming multistage pump, electronic inverter management, flow and pressure sensors, high-resolution swivel LCD display and an integrated 2 liter expansion tank. It can be installed both vertically and horizontally and even in tight spaces without a high air exchange.
The water-cooled engine, the hull protection in ABS with sound-absorbing function, the vibration damping feet and electronics make it an absolutely quiet (45 dB) and compact.
The wireless device facilitates the creation of pressurization units and connectivity with other DAB devices.

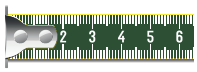
Degree of protection: IP X 4
Insulation class: F
Pumped liquid: clean, free from solids or abrasive, non-aggressive, non-viscous, crystallized and not chemically neutral.
Maximum liquid temperature: 40° C
Maximum ambient temperature: 50° C
Maximum suction depth: self priming up to 8 metres.
Maximum working pressure: 8 bar (800 kPa).

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA													DNA GAS	DNM GAS	WT. KG	Q.TY x PALLET
		VOLTAGE 50 - 60 Hz	P1 MAX		I MAX A	Q=m³h	0	0,6	1,2	1,8	2,4	3,0	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				
E.SYBOX	60147200	1x220-240 V ~	1,55	2,1	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

WRAS APPROVED PRODUCT

263L x 352P x 564H*



*Vertical e.sybox

ENERGY SAVING UP TO 50%
COMPARED TO ANY TRADITIONAL SOLUTION

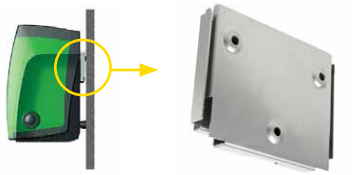
KIT 2 E.SYBOX

MODEL	CODE
KIT 2 E.SYBOX + E.SYTWIN *	60170272

* Unmounted provided

e.syLine

E.SYBOX - ACCESSORIES
ELECTRONIC PRESSURIZATION SYSTEM

	MODEL	CODE
 ALSO SUITABLE FOR E.SYBOX MINI	**KIT PIPE UNION 3PCS MF 1" WITH O-RING** Kit consisting of 2 x 3-piece unions, to facilitate the connection of E.sybox and E.sybox mini to the system	SP00000630
 ALSO SUITABLE FOR E.SYBOX MINI	**e.sywall** Kit complete with brackets, screws, dowels and two accessories for absorption of vibrations.	60161442
 293L x 318P x 180H	**e.sydock** Thanks to the 4 plumbing configuration possibilities offers an 'installation even more rapid, easy and flexible. It is complete with all the interfaces required for connecting to the system. It incorporates anti vibration feet to ensure the same quietness as e.sybox.	60147247
 752L x 358P x 230H	**e.sytwin** e.sytwin is the evolution of e.sydock, of which maintains all the benefits, for the creation of two groups of pumps. e.sytwin offers exceptional performance thanks to possibility of combined operation with a reduced size of 50% compared to any other equivalent traditional system.	60160491

DELIVERY AND SUCTION FITTING 1" ¼

293L x 345P x 679H

752L x 358P x 730H

E.SYBOX - ACCESSORIES
ELECTRONIC PRESSURIZATION SYSTEM

	MODEL	CODE
 * e.sybox not included	**e.sytank** Tank specially studied to better integrate with e.sybox and equipped with: • e.sydock (specially versioned) for quick connection. • suction hose with foot valve • filling valve from the water supply with float • Overflow • flow connection • preparation for ground mounting • inspection plug Capacity 500 L with the possibility of expansion on 3 sides.	60161819
	**E.SYTANK AUXILIARY CITERN** The E.SYTANK AUXILIARY CITERN is supplied without any fittings or the E.SYDOCK. The tank has a modular design to couple easily with other E.SYTANK units, making the system expandable to the necessary capacity. It can be connected on three sides (at side and rear) using the E.SYTANK TANK COUPLING KIT	60166063
	**E.SYTANK COUPLING KIT** The E.SYTANK COUPLING KIT is composed of a PVC sleeve with gasket (D.160 mm L=150), two PVC aligning pipes (D.50mm x L=60) and a connecting ring nut for a 2-pump option. It allows the connection of several E.SYTANK units or between E.SYTANK and E.SYTANK AUXILIARY CITERN.	60166008
	**E.SYTANK OPTIONAL DELIVERY KITK** Composed of a 1" PP pipe. It allows an auxiliary delivery for single tank systems or with the COUPLING KIT it allows several E.SYTANK and E.SYBOX systems to be linked together and to create pressure boosting units with several pumps and tanks.	60162079

	MODEL	CODE
	**e.sylink** E.sylink is the DAB accessory with wireless interface 802.15.4, designed to allow the E.SYBOX to use 4 digital inputs (pressure switch, float, etc.), to control 2 relay outputs (alarms, etc.) and to offer the possibility of connecting an auxiliary pressure sensor	60164891
	**KIT E.SYLINK *** e.sylink with power supplier and electric box.	60164735
	**KIT E.SYLINK + PRESSURE SWITCH*** e.sylink with power supplier, electric box and pressure switch	60164889

*PROVIDED TO BE WIRED

NBB

MOUNTING KIT FOR WATER COLLECTION AND PRESSURIZATION

WRAS APPROVED PRODUCT

CE

DOMESTIC WATER SUPPLY

NBB is the solution for a domestic pressurizing system.
The basic concept is is the modularity of its components such as: the NBB TANK KIT, the submerged or the surface pump, the inverter (in case the pump is without integrated electronics) and an assembling kit including the expansion tank (where this is not integrated in the pump itself). In all its different configuration the NBB is characterized by its compact dimension, great comfort and, in the version with inverter, also by an important aspect in terms of energy saving.

NBB TANK KIT consists of:
- 280 Lt. tank suitable for potable water compliant with the european norms EN1717 e EN13077
- Equipped with Filling valve and overflow valve
- Protection grid

Choosing the ADDITIONAL TANK KIT, consisting of a 280 liter tank, the junction elbow plus gasket and a belt, it's possible to double the capacity of the system.
In addition to the NBB it is necessary to chose the assembling kit corresponding to the type of pump (or pump with inverter) to be utilized.
The pump to be installed, as well as the inverter, are not included in the kit and must be order separately.
the installation kit comprehends all the accessories necessary for the installation of the pump (or the inverter) to the NBB TANK KIT
For the PULSAR and EUROINOX installation kits. also a 4 liter expansion tank is included.

MODEL	CODE
KIT NBB WRAS TANK 280 LITRE (INCL. GRID)	60149355
KIT ACTIVE FOR NBB	60116646
KIT EUROINOX FOR NBB	60123882
KIT PULSAR FOR NBB	60116638
KIT DIVERTRON FOR NBB	60123662
KIT ADDITIONAL TANK	60123556

Insatallation kit are designed for exclusive use with pump models specified below.

AD PLUS	PAG. 5
ACCESSORIES	PAG. 95

TABLE OF SELECTION KIT NBB: A + B + C = NBB

A	B		C	
NBB TANK	PUMP MODEL	ACTIVE DRIVER PLUS	INSTALLATION KIT *	
 **60149355 - TANK KIT NBB** 280 Litre (including protection grid) **EXPANDABLE WITH:**  60123556 **AUXILIARY TANK KIT**		**EUROINOX M**	60149661 **AD M/M 1.1**	**60123882 - EUROINOX INSTALLATION KIT**	- Suction pipe - Fittings - Screws - Bracket for AD - Expansion tank 5 lt - Ball valve
		EUROINOX T	60169777 **AD M/T 1.0**		
		**ACTIVE EI M**		**60116646 - ACTIVE INSTALLATION KIT**	- Suction pipe - Fittings - Screws
		**104160070 - PULSAR 50/50 M-NA**	60149661 **AD M/M 1.1**	**60116638 - PULSAR INSTALLATION KIT**	- Fittings - Check valve - Fixing bar pump - Bracket for AD - Ball valve - Screws - Expansion tank 5 lt
		104160270 - PULSAR 40/80 M-NA			
		104160480 - PULSAR 50/50 T-NA (3X230V)	60169777 **AD M/T 1.0**		
		104160680 - PULSAR 40/80 T-NA (3X230V)			
		**60122626 - DIVERTRON 1200 M**		**60123662 - DIVERTRON INSTALLATION KIT**	- Fittings - Fixing bar pump - Ball valve - Screws

* All kits are supplied disassembled, provided with assembly instructions

ACTIVE SWITCH
RAIN WATER SYSTEM

DOMESTIC WATER SUPPLY

Active Switch is a complete and pre-assembled system for using rainwater in one or two-family houses. The system comprises a recyclabe polyethilene tank, an automatic pump Active EI 30/50 M serie 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 swich, 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 +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 PAG. 95

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA										N° IMPELLERS	DNA PUMP	DNM PUMP	WT. KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL kW	P2 NOMINAL HP	In A	Q=m³h	0	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8					
							Q=l/min	0	10	20	30	40	50	60	70	80					
ACTIVE SWITCH 30/50 M	503150100	1x220-240 V ~	0,880	0,55	0,75	3,9	H (m)	42,2	40,2	38,2	36,2	33,8	30	24,8	19,5	14	4	1"	1"	18	4

AQUAPROF
RAIN WATER SYSTEM

DOMESTIC WATER SUPPLY

Aquaprof is a complete and pre-assembled system for using rainwater in one or two-family houses. The system comprises a recyclabe polyethilene console, a completely automatic electronic control unit, three-way automatic valve and electropump Eurolnox 30/50 M or Eurolnox 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: IP 42
Working ambient temperature:
min. +5°C - max. +40°C
Max. Flow: 80 lt/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 PAG. 95

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA										N° IMPELLERS	DNA GAS	DNM GAS	WT. KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL kW	P2 NOMINAL HP	In A	Q=m³h	0	0,6	1,2	1,8	2,4	3,0	3,3	3,6	4,2	4,8					
							Q=l/min	0	10	20	30	40	50	55	60	70	80					
AQUAPROF BASIC 30/50	503150200	1x220-240 V ~	0,88	0,55	0,75	3,9	H (m)	42,2	40,2	38,2	36,2	33,8	30	27,5	24,8	19,5	14	3	1"	1"	28	3
AQUAPROF BASIC 40/50	503150210	1x220-240 V ~	1,2	0,75	1	5,3		57,7	55,3	52,8	50,1	47,1	42,7	39,5	35,8	28	19,2	4	1"	1"	32	3
AQUAPROF TOP 30/50	503150300	1x220-240 V ~	0,88	0,55	0,75	3,9		42,2	40,2	38,2	36,2	33,8	30	27,5	24,8	19,5	14	3	1"	1"	28	3
AQUAPROF TOP 40/50	503150310	1x220-240 V ~	1,2	0,75	1	5,3		57,7	55,3	52,8	50,1	47,1	42,7	39,5	35,8	28	19,2	4	1"	1"	32	3

E.BOX

ELECTRONIC PROTECTION AND CONTROL PANEL

e.box plus D

e.box basic

CE

EMPTYING/FILLING - PRESSURIZATION

e.box plus is an electronic control panel for the protection and automatic operation of one or two submersible pumps or pressurizing both single-phase and three-phase, installed in domestic, civil and industrial environments.

e.box basic is an electronic control panel for the protection and automatic operation of one or two electronic submersible pumps or single-phase pressurization for domestic applications.

Nominal tension of power supply:
e.box plus 1x 230 V / 3 x 230 V - 3 x 400 V (automatic selection)
e.box basic 1x 230 V
Frequency: 50 - 60 Hz
Maximum use of power:
e.box plus 5,5 kWatt + 5,5 kWatt
e.box basic 2,2 kWatt + 2,2 kWatt
Maximum use of current: 12 A + 12 A
Starting capacitor: KIT supplied as an accessory
Limits of use ambient temperature: -10° C + 40° C
Limits of storage temperature: -25° C + 55° C
Relative humidity to the air: 90% a 20° C
Max altitude max: 1000 s.l.m.
Degree of protection: IP 55
Reference standard for the construction of the panels EN 60335-1

TECHNICAL DATA

MODEL	CODE	VOLTAGE 50 HZ	STARTING	P2 NOMINAL		MAX CURRENT A	DISPLAY
				kW x2	HP x2		
E-BOX BASIC 230/50-60	60163214	1 X 230 V	DIRECT	2,2	3	12+12	-
E-BOX PLUS 230-400V/50-60	60163215	1 X 230 V	DIRECT	2,2	3	12+12	-
		3 X 230 V		3	4		
		3 X 400 V		5,5	7,5		
E-BOX BASIC D 230/50-60	60163216	1 X 230 V	DIRECT	2,2	3	12+12	•
E-BOX PLUS D 230-400V/50-60	60163217	1 X 230 V	DIRECT	2,2	3	12+12	•
		3 X 230 V		3	4		
		3 X 400 V		5,5	7,5		

DISPLAY

Thanks to the configuration wizard, installation of display versions is much simpler. Management is also much easier, thanks to the status always being visible and to a range of additional functions, such as the anti-seizing of drainage pumps, the alarm log, the language selection, and the password protected settings.

SMART PRESS
ON/OFF CONTROLLER

CE

DOMESTIC WATER SUPPLY

SMART PRESS is an ON/OFF electronic device designed to switch the pump ON/OFF without using an expansion vessel.
The device protects the pump against dry running without using level probes or float switch.
It has an adjustable cut-in pressure and even with a high flow the pressure losses are small.
All the SMART PRESS models have a MANUAL AND AUTOMATIC RESTART.

TECHNICAL DATA

MODEL	CODE	SETTING PRESSURE bar	DNA GAS	DNM GAS	WEIGHT Kg	Q.TY x PALLET
SMART PRESS WG 1,5 - AUTOM. RESET - WITHOUT CABLE	60114808	1,5	1 " M	1 " ¼ F	1,3	100
SMART PRESS WG 1,5 - AUTOM. RESET - WITH CABLE	60113308	1,5	1 " M	1 " ¼ F	1,6	100
SMART PRESS WG 3.0 - AUTOM. RESET - WITHOUT CABLE	60114809	1,5	1 " M	1 " ¼ F	1,3	100
SMART PRESS WG 3.0 - AUTOM. RESET. - WITH CABLE	60113922	1,5	1 " M	1 " ¼ F	1,6	100

NOTES

CENTRIFUGAL AND SELF PRIMING PUMPS ACCESSORIES

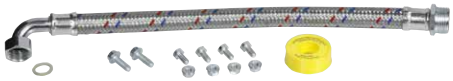
ACCESSORIES
CENTRIFUGAL AND SELF PRIMING PUMPS

EXPANSION VESSELS	DESCRIPTION	CODE
	2 LT. TANK 10 BAR V - G	60141865
	8 LT. TANK 10 BAR V - G	60141866
	18 LT. TANK 10 BAR V - G	60141867
	18 LT. TANK 16 BAR V - G	60141868
	20 LT. TANK 10 BAR H - G	60141869
	60 LT. TANK 10 BAR H - G	60141870
	100 LT. TANK 10 BAR V - G	60141871
	310 LT. TANK 10 BAR V - G	60141872
	450 LT. TANK 10 BAR V - G	60141873


100/310/450 LITRE V


20/60 LITRE H


2/8/18 LITRE V

ACQUABOX ASSEMBLY KIT	DESCRIPTION	CODE	Q.TY X BOX
	FLEXIBLE PIPE KIT AQUAJET RED VESSEL 20L	547120530	1
	FLEXIBLE PIPE KIT AQUAJETINOX RED VESSEL 20L	547120510	1
	FLEXIBLE PIPE KIT AQUAJET WHITE VESSEL 20L	60126040	1
	FLEXIBLE PIPE KIT AQUAJETINOX WHITE VESSEL 20L / RED VESSEL 60L	547120570	1

ACQUABOX ASSEMBLY KIT	DESCRIPTION	CODE	Q.TY X BOX
	DIAPH. FOR AQUABOX V 8 LT. BUTYL	002139828	1
	DIAPH. FOR AQUABOX "V" 20LT. - 16 BAR BUTYL	002139833	1
	DIAPH. FOR AQUABOX 19-20 LT. BUTYL	002139831	1

MANOMETERS	DESCRIPTION	CODE	Q.TY X BOX
	AXIAL PRESS. GAUGE 6 BAR D.50, 1/4" COUPL.	002125051	100
	AXIAL PRESS. GAUGE 12 BAR D.63, 1/4" COUPL.	002126007	100
	RADIAL PRESS. GAUGE 12 BAR D.63, 1/4" COUPL.	002126037	100

PRESSURE SWITCH	DESCRIPTION	CODE	Q.TY X BOX
	PRESS. SWITCH 6 BAR	002716710	10
	PRESS. SWITCH 6 BAR - XMP	60110618	10
	PRESS. SWITCH 12 BAR - XMP	60110619	10
	MIN. PRESS. SWITCH XMX A06L 1/4" F IP 43	002717002	–

ACCESSORIES
CENTRIFUGAL AND SELF PRIMING PUMPS

CONNECTORS	DESCRIPTION	CODE	Q.TY X BOX
	**3 - WAY BRASS CONNECTOR 1"**	167320100	125
	**5 - WAY BRASS CONNECTOR 1"**	60110862	100

FOOT VALVES	DESCRIPTION	CODE	Q.TY X BOX
 FOOT VALVE ¾"	**FOOT VALVE ¾"**	002130903	10
	FOOT VALVE 1"	002130904	10
	FOOT VALVE 1 ¼"	002130905	5

NON-RETURN VALVES	DESCRIPTION	CODE	Q.TY X BOX
 NON-RETURN VALVE ¾"	**NON-RETURN VALVE ¾"**	002130063	14
	NON-RETURN VALVE 1"	002130064	10
	NON-RETURN VALVE 1 ¼"	002130065	8
	NON-RETURN VALVE 1 ½"	002130066	-
	NON-RETURN VALVE 2"	002130007	-

CONTROLLERS	DESCRIPTION	CODE	SETTING PRESSURE bar
 CONTROLLER 1.5	**CONTROLLER 1.5 WITHOUT CABLE (TARAT. 1,2 BAR)**	109640200	1,2
	CONTROLLER 1.5 WITHOUT CABLE (TARAT. 1,5 BAR)	109640210	1,5
	CONTROLLER 1.5 WITHOUT CABLE (TARAT. 2,2 BAR)	109640220	2,2
	CONTROLLER 1.5 WITH CABLE (TARAT. 1.2 BAR)	109640240	1,2
	CONTROLLER 1.5 WITH CABLE (TARAT. 1.5 BAR)	109640250	1,5
	CONTROLLER 1.5 WITH CABLE (TARAT. 2.2 BAR)	109640260	2,2

NOTES

INDEX - SWIMMING POOL, POND AND SALT WATER PUMPS

SWIMMING POOL PUMPS

E.SWIM NEWS
ELECTRONIC SWIMMING POOL PUMP
BA PAG. 100

PREFILTER RANGE
CAST IRON PREFILTER
AP PAG. 103

EUROSWIM
SWIMMING POOL CENTRIFUGAL PUMPS
BA PAG. 101

EUROCOVER
SWIMMING POOL SUBMERSIBLE PUMPS
BB PAG. 112

EUROPRO HIGH FLOW
SWIMMING POOL CENTRIFUGAL PUMPS
BA PAG. 102

JETCOM SP - EUROCOM SP
SWIMMING POOL CENTRIFUGAL PUMPS
B9 B8 PAG. 112

SALT WATER PUMPS

MULTI 4 SW
SELF-PRIMING HORIZONTAL MULTISTAGE PUMPS
B8 PAG. 113

NOVA SALT W
SUBMERSIBLE PUMPS
A7 PAG. 113

POND PUMPS

NOVAPOND
SUBMERSIBLE PUMPS
D8 PAG. 114

NINPHAEA
SUBMERSIBLE PUMPS
A8 PAG. 114

ACCESSORIES
PAG. 115

NEWS

ENERGY STAR

E.SWIM
ELECTRONIC SWIMMING POOL PUMP

FILTRATION AND CIRCULATION SYSTEM IN PUBLIC AND PRIVATE POOLS

At MCE 2016 fair the E.SWIM pump received a recognition:
"efficiency and innovation path"
and "beyond the class A"

Percorso Efficienza Innovazione
oltre la classe A

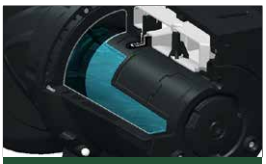
Electronic swimming pool pump with built-in high capacity strainer basket, ideal for water circulation and filtration in residential pools.
The frequency converter technology combined with the high efficiency permanent magnet motor, cooled by the pumped liquid, grant the best energy saving and an extremely quiet running level.
Thanks to the water cooled motor, the pump can be installed in small poorly ventilated spaces.
Intuitive interface panel, with LCD display and keypad for easy programming, with diagnostic software integrated for pump and plant protection.
Function mode with Speed control or Flow control, suitable for different swimming pool types.
Possibility of control by remote with the connection cable kit.

Operating range: up to 30 m³/h with head of up to 15,4 metres.
Pumped liquid: clean water, or slightly contaminated water with suspended solid debris, or long fibres; highly aggressive water with high percentage of chlorine/bromine and PHMB (Polyhexamethylene biguanide), or chlorine electrolysis treated water.
PH Range: 6,5-8,4.
Pumped liquid temperature range: up to 40 °C.
Maximum ambient temperature: 50 °C.
Maximum operating pressure: 2.5 bar.
Installation: fixed, horizontal position.
Connectors on request: 2"/50 - 63
(two connectors+O-ring - see "Accessories") kit.
Standard of reference: IEC - 60364.
Protection class of the motor : IP X5.
Protection class at the terminal board: IP X5.
Insulation class: F
Standard voltage: single-phase 230 V - 50/60 Hz.

ACCESSORIES | PAG. 115

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA								DNA GAS	DNM GAS	WEIGHT KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX W	P2 NOMINAL		In A	Q=m³h	0	6	12	18	21	24	27	30				
				kW	HP		Q=l/min	0	100	200	300	350	400	450	500				
E.SWIM 150	60172658	230 V	1250	1,1	1,5	5,6	H (m)	15,4	14,5	13,9	11,7	10,7	9,66	8,65	7,00	2"	2"	19	6



WATER COOLING

Motor cooled by the pumped water, which allows the elimination of the fan having a more compact product that can be installed in small poorly ventilated spaces.

SYNCHRONOUS PERMANENT MAGNET MOTOR

The new synchronous permanent magnet motor, defines a new reference point in the market in terms of efficiency and reliability.

VARIABLE SPEED CONTROL

Frequency converter electronic board that allows to work with constant speed or constant flow to optimize performance and minimize power consumption without the use of sensors.

ACCESSORIES

	DESCRIPTION	CODE
	**CONNECTION CABLE KIT E.SWIM**	60174278

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

EUROSWIM

SWIMMING POOL CENTRIFUGAL PUMPS*

FILTRATION SYSTEM IN THE PUBLIC AND PRIVATE POOL, INDUSTRIAL APPLICATIONS

*** Suitable also for salt water**

High efficiencyself-priming centrifugal pumps with built-in large capacity prefilter. Extremely quiet runningand great reliability, developed for water circulation and filtration in domestic and residential swimming pools. Suitable also for special applications that call for handling of aggressive liquids, in fish farms, agriculture and industry. Pump body in fibreglass reinforced technopolymer. Strainer cover in clear antioxidant polycarbonate to guarantee constant visibility through time. Nylon strainer. Impeller in fibreglass-reinforced technopolymer developed to ensure total coverage and isolation of the motor shaft from the pumped liquid. Diffuser in reinforced technopolymer. Mechanical seal in carbon / alumina / NBR / AISI 316. Pump body O-rings in NBR, threaded fasteners and reinforcing rings in AISI 304. Butterfly drain plugs that can be removed and refitted without tools.
Asynchronous continuous duty 2-pole motor (S1) with generous range of power ratings from 0.5 HP to 3 HP, single phase and three-phase (see technical specifications). Motor casing in die cast aluminium with electrophoresic surface treatment to prevent oxidation even in aggressive environmental conditions. Baseplate supplied as standard with rubber mounts to reduce vibration transmission.
Single phase version with integral thermal and overcurrent protection and permanent split capacitor (PSC), assembled inside the terminal box for all versions.

Motor and terminal box protection rating: IP55
Insulation class: F
Ball bearings:
water-proof,sealed,resistant to water and humidity.
Motor construction to EN 60335-2-41 standards
Standard voltage: Single phase 220-240V 50Hz
Three-phase 230/400V 50Hz
Operating range: up to 42 m³/h with pressure head of up to 22 m
Pumped fluid: clean water or water slightly contaminated with suspended particulate, long fibre; highly aggressive water with high percentage contents of chlorine/bromine and PHMB (Polyhexamethylene Biguanide) or water treated with chlorine electrolytic process.
Liquid temperature range: up to 60°C
Maximum ambient temperature: +50°C
Maximum operating pressure: 2,5 bar
Installation: fixed or portable in horizontal position
Special executions on request: alternative voltages and/or frequencies
Fittings on request: 2"/50 - 63 kit (two fittings + O-ring - see "Accessories")
Reference standard: IEC – 60364

ACCESSORIES PAG. 115

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA														DNA	DNM	MAX NOISE LEVEL dB (A)	WT. KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX W	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOTOR TYPE	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	60118028	1x220-240 V ~	900	0,33	0,5	4,2	-	H (m)	12,0	11,7	11,2	10,5	9,3	5,3						2" F	2" F	53	16	8
EUROSWIM 75 M	60118029	1x220-240 V ~	1000	0,5	0,75	5	-		13,8	13,5	13,1	12,4	11,1	7,5	5					2" F	2" F	56	16,5	8
EUROSWIM 75 T	60145192	3x230-400 V ~	950	0,5	0,75	3,5 / 2	IE2		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	3x230-400 V ~	950	0,5	0,75	3,5 / 2	IE3		13,8	13,5	13,1	12,4	11,1	7,5	5					2" F	2" F	56	16,5	8
EUROSWIM 100 M	60118030	1x220-240 V ~	1300	0,75	1	6,3	-		15,4	15,4	15	14,2	13,1	10,0	7,8	5,6				2" F	2" F	57	17	8
EUROSWIM 100 T	60145258	3x230-400 V ~	1200	0,75	1	4 / 2,4	IE2		15,4	15,4	15	14,2	13,1	10,0	7,8	5,6				2" F	2" F	57	17	8
EUROSWIM 100 T	60179412	3x230-400 V ~	1200	0,75	1	4 / 2,4	IE3		15,4	15,4	15	14,2	13,1	10,0	7,8	5,6				2" F	2" F	57	17	8
EUROSWIM 150 M	60118032	1x220-240 V ~	1600	1,1	1,5	7	-		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	60146030	3x230-400 V ~	1500	1,1	1,5	6,5 / 3,7	IE2		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 150 T	60179850	3x230-400 V ~	1500	1,1	1,5	6,5 / 3,7	IE3		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	60118033	1x220-240 V ~	1900	1,5	2	8,6	-		18,6	18,2	17,7	17,1	16,5	15,0	14,1	12,8	9,0	4		2" F	2" F	62	24	6
EUROSWIM 200 T	60146035	3x230-400 V ~	1900	1,5	2	7,2 / 4	IE2		18,6	18,2	17,7	17,1	16,5	15,0	14,1	12,8	9,0	4		2" F	2" F	62	22	6
EUROSWIM 200 T	60179849	3x230-400 V ~	1900	1,5	2	7,2 / 4	IE3		18,6	18,2	17,7	17,1	16,5	15,0	14,1	12,8	9,0	4		2" F	2" F	62	22	6
EUROSWIM 300 M	60122213	1x220-240 V ~	2800	2,2	3	12	-		22,0	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	60146024	3x230-400 V ~	2800	2,2	3	8,7 / 5	IE2		22,0	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
EUROSWIM 300 T	60179851	3x230-400 V ~	2800	2,2	3	8,7 / 5	IE3		22,0	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

SWIMMING POOL CENTRIFUGAL PUMPS*

*** Suitable also for salt water**

LARGE SWIMMING POOL FILTRATION SYSTEMS

Self-priming, high-performance centrifugal pumps, with built-in large capacity prefilter. 2 or 4 pole motor completely isolated from the water. Extremely quiet and highly reliable, developed for the circulation and filtration in large swimming pool filtration systems. Also suitable for particular applications that require handling of **seawater** thanks to the mechanical seal made of AISI 316.
Prefilter body, pump body, volute, volute cover and pump body lid are made of polypropylene, resistant to chemical products found in swimming pools and reinforced with fiber glass. Prefilter basket made of polyetylene. Prefilter lid made of transparent polycarbonate with four knobs locking system.
Closed asynchronous motor with external ventilation with 2 or 4 poles depending on the model, with a wide capacity range from 3 to 15 Hp.
Terminal box with IP55 Degree of protection.

Operating range: Up to 190 m3/h with head up to 22 m
Standard Voltage: 3 x 230-400V 50 Hz fino a 4 Kw
3 x 400-690V 50 Hz oltre i 4 KW
Insulation class: F
Temperature range of the liquid: up to 40°C
Pumped Liquid: clean or slightly dirty water or a little aggressive (PolyHexamethylene Biguanide) or water treated with chlorine electrolysis process.
Maximum ambient temperature: 40°C
Installation: in horizontal position
Special executions on request: other frequencies and/or voltages

ACCESSORIES PAG. 115

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA									HYDRAULIC DATA										DNA GAS	DNM GAS	KG	Q.TY x PALLET
		VOLTAGE. 50 Hz	P1 MAX W	P2 NOM. kW	P2 NOM. HP	N. rpm	In A 230	In A 400	In A 690	MOT. TYPE	H=m	6	8	10	12	14	16	18	20	22				
EUROPRO 350 T	60169120	3 x 230-400 V	2,97	2,2	3	1450	9,4	5,3	-	IE3	Q (m^3/h)	62	51	40	28	8					110	110	42,5	3
EUROPRO 400 T	60169121	3 x 230-400 V	3,83	3	4	1450	12,5	6,9	-	IE3		72	63	54	42	28	7				110	110	44,5	3
EUROPRO 550 T - BR*	60169143	3 x 230-400 V	5,54	4	5,5	1450	15,3	8,8	-	IE3		122	104	84	52						110	110	53,5	2
EUROPRO 550 T	60169123	3 x 230-400 V	5,54	4	5,5	1450	15,3	8,8	-	IE3		122	104	84	52						110	110	53,5	2
EUROPRO 750 T - BR*	60169144	3 x 400-690 V	6,85	5,5	7,5	1450	-	12	7	IE3		144	126	106	84	56					110	110	66	2
EUROPRO 750 T	60169124	3 x 400-690 V	6,85	5,5	7,5	1450	-	12	7	IE3		144	126	106	84	56					110	110	66	2
EUROPRO 1000 T - BR*	60169145	3 x 400-690 V	8,26	7,5	10	1450	-	16,2	9,6	IE3		160	144	126	107	84	48				110	110	76	2
EUROPRO 1000 T	60169139	3 x 400-690 V	8,26	7,5	10	1450	-	16,2	9,6	IE3		160	144	126	107	84	48				110	110	76	2
EUROPRO 1250 T	60169140	3 x 400-690 V	13,74	9,2	12,5	2850	-	17,9	10,1	IE3			176	160	144	125	105	80	50		110	110	84,5	2
EUROPRO 1500 T	60169142	3 x 400-690 V	15,73	11	15	2850	-	19,9	11	IE3			180	168	155	142	130	115	96	67	110	110	85,5	2

* BRONZE IMPELLER

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

CAST IRON PREFILTERS

FOR MONOBLOC NORMALISED CENTRIFUGAL ELECTROPUMPS

LARGE FILTRATION SYSTEM IN THE PUBLIC AND PRIVATE POOL, INDUSTRIAL APPLICATIONS

PREFILTER

PREFILTER + PUMPS

New range of cast iron prefilters complying with DIN 2501, with connection from DN 65 to DN 200.
They are provided with 3 or 4 closing knobs depending on the model, to ensure perfect sealing of the cap.
Vessel and prefilter cap in cast iron, basket in stainless steel AISI 316.

The new range of prefilters allows the use of monobloc normalised centrifugal pumps series NKM-G/NKP-G, from DN 40 to DN 150, for water circulation in large filtration systems.
The same filters can be used with normalised base pumps with joint (KDN) or with inverter MCE.

Monobloc centrifugal pumps with joint to which a prefilter has been applied on suction to make them ideal for water circulation in large filtration systems.
The pump and prefilter are sold separately.
Single-stage spiral body in cast iron complying with DIN-EN 733 (ex DIN2455), cast iron support, flanges complying with DIN 2533.
Cast iron impeller,closed and dynamically balanced with compensation of the axial thrust through balancing holes. Pump shaft in stainless steel AISI 304, **carbon / silicon carbide mechanical seal with O-Rings in Viton.**
Closed type asynchronous motor with external ventilation, constructive shape B3/B5, with two poles for NKP and four poles for NKM.
Vessel and prefilter cap in cast iron, basket in stainless steel AISI 316.

Rotation speed: 1450-2900 1/min
Operating range: from 1 to 440 m3/h with head up to 24 metres.
Pumped fluid: clean water or slightly dirty or slightly aggressive, on condition that in the last case the compatibility of the materials of which the pump is made is demonstrated, and that the power of the motor installed is suitable for the specific weight and viscosity of the fluid.
Range of temperature of the fluid: from -10°C to + 140°C
Maximum environment temperature: +40°C
Installation: in horizontal position
TOP Version: bronze impeller and cataphoresis treatment

PREFILTERS

MODEL	CODE	DN	Kg	Volume Lts
PREFILTER 65/65	60164699	65	38,5	18
PREFILTER 80/80	60164700	80	39	18
PREFILTER 100/100	60164701	100	40,5	18
PREFILTER 125/125	60164702	125	41	18
PREFILTER 150/150	60164703	150	71	42
PREFILTER 200/200	60164704	200	72	42

NOTE: PUMP AND PREFILTER ARE SOLD SEPARATELY
For further information, contact our sales network.

PREFILTER FIXING KIT

MODEL	CODE
PREFILTER FIXING KIT DN 65	60166309
PREFILTER FIXING KIT DN 80-100-125	60166312
PREFILTER FIXING KIT DN150-200	60166313

NKM-G - 4 POLES - BASIC VERSION

Cast Iron Impeller and mechanical seal with O-Rings in Viton

MODEL *	CODE	ELECTRICAL DATA						HYDRAULIC DATA																			DNA	DNM	KG
		VOLTAGE 50 Hz	P2 NOMIN.		In (A)		MOT. TYPE.	Q=m³h	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	1D2317B4C	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7	IE2		12.5	12.5	12.3	11.2	9.7	7.7													65	40	64
NKM-G 40-200/200/A/BAQV/ 1,1 /4	1D2317B4W	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7	IE3		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	1D2317B5C	3 x 230 - 400 V ~	1.5	2	6,24	3,6	IE2		15.6	15.6	15.3	14.7	13.4	11.8	9.8												65	40	68
NKM-G 40-200/219/A/BAQV/ 1,5 /4	1D2317B5W	3 x 230 - 400 V ~	1.5	2	6,24	3,6	IE3		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	1D2417B6C	3 x 230 - 400 V ~	2.2	3	8,75	5,05	IE2		20.6	20.5	20.1	19.2	17.8	16													65	40	85
NKM-G 40-250/245/A/BAQV/ 2,2 /4	1D2417B6W	3 x 230 - 400 V ~	2.2	3	8,75	5,05	IE3		20.6	20.5	20.1	19.2	17.8	16													65	40	75
NKM-G 50-160/177/A/BAQV/ 1,5 /4	1D3217B5C	3 x 230 - 400 V ~	1.5	2	6,24	3,6	IE2		10.7		10.7	10.7	10.5	10.2	9.8	9.2	8.3										65	50	60
NKM-G 50-160/177/A/BAQV/ 1,5 /4	1D3217B5W	3 x 230 - 400 V ~	1.5	2	6,24	3,6	IE3		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	1D3317B6C	3 x 230 - 400 V ~	2.2	3	8,75	5,05	IE2		15.3		15.3	15.2	14.8	14	13.3	12.1	10.8	9.4									65	50	79
NKM-G 50-200/210/A/BAQV/ 2,2 /4	1D3317B6W	3 x 230 - 400 V ~	2.2	3	8,75	5,05	IE3		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	1D3317B7D	3 x 400 V ~	3	4	-	6,25	IE2		16.8		16.8	16.5	16.1	15.5	14.6	13.6	12.4	10.9									65	50	81
NKM-G 50-200/219/A/BAQV/ 3/4	1D3317B7X	3 x 400 V ~	3	4	-	6,25	IE3		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	1D3417B8D	3 x 400 V ~	4	5.5	-	7,95	IE2		23.8		23.8	23.8	23.4	22.7	21.6	20.4	19	17.1									65	50	98
NKM-G 50-250/263/A/BAQV/ 4/4	1D3417B8X	3 x 400 V ~	4	5.5	-	7,95	IE3		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	1D4317B7D	3 x 400 V ~	3	4	-	6,25	IE2		15.3				15.2	15.2	15.1	14.6	14.1	13.5	12.9	12.2	11.3						80	65	88
NKM-G 65-200/210/A/BAQV/ 3/4	1D4317B7X	3 x 400 V ~	3	4	-	6,25	IE3		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	1D4317B8D	3 x 400 V ~	4	5.5	-	7,95	IE2		17				17	16.9	16.8	16.4	16.2	15.8	15.2	14.3	13.8	12.6					80	65	96
NKM-G 65-200/219/A/BAQV/ 4/4	1D4317B8X	3 x 400 V ~	4	5.5	-	7,95	IE3		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	1D4517B9D	3 x 400 V ~	5.5	7.5	-	10,6	IE2		24.1				23.8	23.6	23.3	22.8	22.3	21.5	20.8	19.7	18.6	17.3					80	65	159
NKM-G 65-250/263/A/BAQV/ 5,5 /4	1D4517B9X	3 x 400 V ~	5.5	7.5	-	10,6	IE3		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

H (m)

MODEL *	CODE	ELECTRICAL DATA						HYDRAULIC DATA																			DNA	DNM	KG
		VOLTAGE 50 Hz	P2 NOMIN.		In (A)		MOT. TYPE	Q=m³h	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	1D5317B8D	3 x 400 V ~	4	5.5	-	7,95	IE2		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	118
NKM-G 80-200/200/A/BAQV/ 4/4	1D5317B8X	3 x 400 V ~	4	5.5	-	7,95	IE3		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/A/BAQV/ 5,5 /4	1D5317B9D	3 x 400 V ~	5.5	7.5	-	10,6	IE2		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	147
NKM-G 80-200/222/A/BAQV/ 5,5 /4	1D5317B9X	3 x 400 V ~	5.5	7.5	-	10,6	IE3		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/A/BAQV/ 7,5/4	1D5417BAD	3 x 400 V ~	7.5	10	-	14,7	IE2		20.4	20.3	20.3	20.2	20.1	20	19.9	19.8	19.5	19	18	16.7	16						100	80	212,5
NKM-G 80-250/240/A/BAQV/7,5/4	1D5417BAX	3 x 400 V ~	7.5	10	-	14,6	IE3		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/BAQV/11/4	1D5417BBD	3 x 400 V ~	11	15	-	22	IE2		25.6	25.5	25.5	25.4	25.1	25	24.8	24.6	24.2	24	23	21.5	21						100	80	264,5
NKM-G 80-250/270/A/BAQV/11/4	1D5417BBX	3 x 400 V ~	11	15	-	20,5	IE3		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

H (m)

* To be coupled with prefilters and fixing kit

NKM-G - 4 POLES - BASIC VERSION

Cast Iron Impeller and mechanical seal with O-Rings in Viton

MODEL *	CODE	ELECTRICAL DATA						HYDRAULIC DATA																		DNA	DNM	KG
		VOLTAGE 50 Hz	P2 NOMIN.		In (A)		MOT. TYPE.	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-G100-200/200/A/BAQV/5.5 /4	1D6317B9D	3 x 400 V ~	5.5	7.5	-	10,6	IE2	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	160
NKM-G100-200/200/A/BAQV/5.5 /4	1D6317B9X	3 x 400 V ~	5.5	7.5	-	10,6	IE3		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	1D6317BAD	3 x 400 V ~	7.5	10	-	14,7	IE2		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	209
NKM-G 100-200/214/A/BAQV/7.5/4	1D6317BAX	3 x 400 V ~	7.5	10	-	14,6	IE3		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	1D6417BBD	3 x 400 V ~	11	15	-	22	IE2		21.1	21	21	21	21	21	21	20.9	20	19.8	18	16					125	100	273
NKM-G 100-250/250/A/BAQV/11/4	1D6417BBX	3 x 400 V ~	11	15	-	20,5	IE3		21.1	21	21	21	21	21	21	20.9	20	19.8	18	16					125	100	213

MODEL *	CODE	ELECTRICAL DATA						HYDRAULIC DATA																				DNA	DNM	KG
		VOLTAGE 50 Hz	P2 NOMIN.		In (A)		MOT. TYPE.	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	1D7417BCD	3 x 400 V ~	15	20	-	29	IE2	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	363
NKM-G 125-250/243/A/BAQV/15/4	1D7417BCX	3 x 400 V ~	15	20	-	28	IE3		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	1D7417BDD	3 x 400 V ~	18.5	25		35	IE2		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	401
NKM-G 125-250/256/A/BAQV/18,5/4	1D7417BDX	3 x 400 V ~	18.5	25	-	34	IE3		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	1D8317BBD	3 x 400 V ~	11	15		22	IE2		13.2	13.1	13	13	12.8	12.5	12.1	11.5	11	10.4	9.7	9	8	7			150	125	372
NKM-G 150-200/218/A/BAQV/11/4	1D8317BBX	3 x 400 V ~	11	15	-	20,5	IE3		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 with prefilters and fixing kit

NKP-G - 2 POLES - BASIC VERSION

Cast Iron Impeller and mechanical seal with O-Rings in Viton

MODEL *	CODE	ELECTRICAL DATA						HYDRAULIC DATA																		DNA	DNM	KG
		VOLTAGE 50 Hz	P2 NOMIN.		In (A)		MOT. TYPE.	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	1D2117B5A	3 x 230 - 400 V ~	1,5	2	5,80	3,35	IE2	H (m)	14.7	14.5	14.3	13.8	13	11.8	10.5	8.6	7									65	40	57
NKP-G 40-125/107/A/BAQV/1,5/2	1D2117B5U	3 x 230 - 400 V ~	1,5	2	5,80	3,35	IE3		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	1D2117B6A	3 x 230 - 400 V ~	2,2	3	8,23	4,75	IE2		19	18.7	18.4	17.8	17	15.9	14.6	13	11									65	40	70
NKP-G 40-125/120/A/BAQV/2,2/2	1D2117B6U	3 x 230 - 400 V ~	2,2	3	8,23	4,75	IE3		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	1D2117B7B	3 x 400 V ~	3,0	4		5,95	IE2		22.8	22.5	22.3	22	21.2	20.2	19	17.4	15.5	13.5								65	40	76
NKP-G 40-125/130/A/BAQV/3/2	1D2117B7V	3 x 400 V ~	3,0	4		5,95	IE3		22.8	22.5	22.3	22	21.2	20.2	19	17.4	15.5	13.5								65	40	67

MODEL *	CODE	ELECTRICAL DATA						HYDRAULIC DATA																				DNA	DNM	KG
		VOLTAGE 50 Hz	P2 NOMIN.		In (A)		MOT. TYPE.	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-G 50-125/115/A/BAQV/3/2	1D3117B7B	3 x 400 V ~	3,0	4	-	5,95	IE2	H (m)	17	16.5	16	15.5	15	14.5	13.7	13	12	11	10	9								65	50	78
NKP-G 50-125/115/A/BAQV/3/2	1D3117B7V	3 x 400 V ~	3,0	4	-	5,95	IE3		17	16.5	16	15.5	15	14.5	13.7	13	12	11	10	9								65	50	69
NKP-G 50-125/125/A/BAQV/4/2	1D3117B8B	3 x 400 V ~	4,0	5.5	-	8,05	IE2		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	113
NKP-G 50-125/125/A/BAQV/4/2	1D3117B8V	3 x 400 V ~	4,0	5.5	-	8,05	IE3		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/A/BAQV/5,5/2	1D3117B9B	3 x 400 V ~	5,5	7.5	-	10,4	IE2		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	115
NKP-G 50-125/135/A/BAQV/5,5/2	1D3117B9V	3 x 400 V ~	5,5	7.5	-	10,4	IE3		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

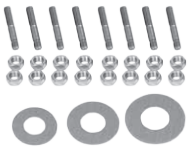
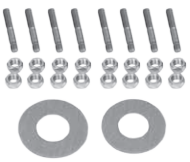
MODEL *	CODE	ELECTRICAL DATA						HYDRAULIC DATA																						DNA	DNM	KG
		VOLTAGE 50 Hz	P2 NOMIN.		In (A)		MOT. TYPE.	Q=m³h	0	36	42	48	54	60	66	72	78	84	90	102	114	120	150								
			kW	HP	230V	400V		Q=l/min	0	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500								
NKP-G 65-125/120-110/A/BAQV/4/2	1D4117B8B	3 x 400 V ~	4,0	5.5	-	8,05	IE2	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	104
NKP-G 65-125/120-110/A/BAQV/4/2	1D4117B8V	3 x 400 V ~	4,0	5.5	-	8,05	IE3		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	1D4117B9B	3 x 400 V ~	5,5	7.5	-	10,4	IE2		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	113
NKP-G 65-125/127/A/BAQV/5,5/2	1D4117B9V	3 x 400 V ~	5,5	7.5	-	10,4	IE3		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	1D4117BAB	3 x 400 V ~	7,5	10	-	14,1	IE2		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	157
NKP-G 65-125/137/A/BAQV/7,5/2	1D4117BAV	3 x 400 V ~	7,5	10	-	13,4	IE3		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	ELECTRICAL DATA						HYDRAULIC DATA											DNA	DNM	KG
		VOLTAGE 50 Hz	P2 NOMIN.		In (A)		MOT. TYPE.	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	1D5217BBB	3 x 400 V ~	11,0	15	-	20,4	IE2	H (m)	24	22	21.4	20.4	20	17.4	16.8	12		100	80	242,5
NKP-G 80-160/147-127/A/BAQV/11/2	1D5217BBV	3 x 400 V ~	11,0	15	-	19,4	IE3		24	22	21.4	20.4	20	17.4	16.8	12		100	80	179

* To be coupled with prefilters and fixing kit

DIAGRAM FOR SELECTING PUMP/FILTER/FIXING KIT - BASIC VERSION

Cast Iron Impeller and mechanical seal with O-Rings in Viton

POLES		TYPE OF PUMP			PREFILTER			FILTER-PUMP FIXING KIT		
2	4	MODEL	CODE	MOTOR TYPE		MODEL	CODE		MODEL	CODE
	•	NKM-G40-200/200/A/BAQV/1,1/4	1D2317B4C	IE2		PREFILTER 65/65	60164699		PREFILTER FIXING KIT DN 65	60166309
			1D2317B4W	IE3						
	•	NKM-G40-200/219/A/BAQV/1,5/4	1D2317B5C	IE2						
			1D2317B5W	IE3						
	•	NKM-G40-250/245/A/BAQV/2,2/4	1D2417B6C	IE2						
			1D2417B6W	IE3						
	•	NKM-G50-160/177/A/BAQV/1,5 /4	1D3217B5C	IE2						
			1D3217B5W	IE3						
	•	NKM-G50-200/210/A/BAQV/2,2/4	1D3317B6C	IE2						
			1D3317B6W	IE3						
	•	NKM-G50-200/219/A/BAQV/3/4	1D3317B7D	IE2						
			1D3317B7X	IE3						
	•	NKM-G50-250/263/A/BAQV/4/4	1D3417B8D	IE2						
			1D3417B8X	IE3						
•		NKP-G 40-125/107/A/BAQV/1,5/2	1D2117B5A	IE2						
			1D2117B5U	IE3						
•		NKP-G 40-125/120/A/BAQV/2,2/2	1D2117B6A	IE2						
			1D2117B6U	IE3						
•		NKP-G 40-125/130/A/BAQV/3/2	1D2117B7B	IE2						
			1D2117B7V	IE3						
•		NKP-G 50-125/115/A/BAQV/3/2	1D3117B7B	IE2						
			1D3117B7V	IE3						
•		NKP-G 50-125/125/A/BAQV/4/2	1D3117B8B	IE2						
			1D3117B8V	IE3						
•		NKP-G 50-125/135/A/BAQV/5,5/2	1D3117B9B	IE2						
			1D3117B9V	IE3						
	•	NKM-G65-200/210/A/BAQV/3/4	1D4317B7D	IE2		PREFILTER 80/80	60164700		PREFILTER FIXING KIT DN 80-100-125	60166312
			1D4317B7X	IE3						
	•	NKM-G65-200/219/A/BAQV/4/4	1D4317B8D	IE2						
			1D4317B8X	IE3						
	•	NKM-G65-250/263/A/BAQV/5,5/4	1D4517B9D	IE2						
			1D4517B9X	IE3						
•		NKP-G 65-125/120-110/A/BAQV/4/2	1D4117B8B	IE2						
			1D4117B8V	IE3						
•		NKP-G 65-125/127/A/BAQV/5,5/2	1D4117B9B	IE2						
			1D4117B9V	IE3						
•		NKP-G 65-125/137/A/BAQV/7,5/2	1D4117BAB	IE2						
			1D4117BAV	IE3						
	•	NKM-G80-200/200/A/BAQV/4/4	1D5317B8D	IE2		PREFILTER 100/100	60164701			
			1D5317B8X	IE3						
	•	NKM-G80-200/222/A/BAQV/5,5/4	1D5317B9D	IE2						
			1D5317B9X	IE3						
	•	NKM-G80-250/240/A/BAQV/7,5/4	1D5417BAD	IE2						
			1D5417BAX	IE3						
	•	NKM-G80-250/270/A/BAQV/11/4	1D5417BBD	IE2						
			1D5417BBX	IE3						
•		NKP-G 80-160/147-127/A/BAQV/11/2	1D5217BBB	IE2						
			1D5217BBV	IE3						
	•	NKM-G100-200/200/A/BAQV/ 5.5/4	1D6317B9D	IE2		PREFILTER 125/125	60164702			
			1D6317B9X	IE3						
	•	NKM-G100-200/214/A/BAQV/ 7.5/4	1D6317BAD	IE2						
			1D6317BAX	IE3						
	•	NKM-G100-250/250/A/BAQV/11 /4	1D6417BBD	IE2						
			1D6417BBX	IE3						
	•	NKM-G125-250/243/A/BAQV/15/4	1D7417BCD	IE2		PREFILTER 150/150	60164703		PREFILTER FIXING KIT DN150-200	60166313
			1D7417BCX	IE3						
	•	NKM-G125-250/256/A/BAQV/18,5/4	1D7417BDD	IE2						
			1D7417BDX	IE3						
	•	NKM-G150-200/218/A/BAQV/11/4	1D8317BBD	IE2		PREFILTER 200/200	60164704			
			1D8317BBX	IE3						

NKM-G - 4 POLES - TOP VERSION

Bronze Impeller , mechanical seal with O-Rings in Viton and Pump body with cataphoresis treatment

MODEL *	CODE	ELECTRICAL DATA						HYDRAULIC DATA																				DNA	DNM	KG
		VOLTAGE 50 Hz	P2 NOMIN.		In (A)		MOT. TYPE.	Q=m³h	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	60166232	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7	IE2		12.5	12.5	12.3	11.2	9.7	7.7													65	40	64
NKM-G 40-200/200/B/BAQV/ 1,1 /4	60180148	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7	IE3		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	60166233	3 x 230 - 400 V ~	1.5	2	6,24	3,6	IE2		15.6	15.6	15.3	14.7	13.4	11.8	9.8												65	40	68
NKM-G 40-200/219/B/BAQV/ 1,5 /4	60180149	3 x 230 - 400 V ~	1.5	2	6,24	3,6	IE3		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	60166234	3 x 230 - 400 V ~	2.2	3	8,75	5,05	IE2		20.6	20.5	20.1	19.2	17.8	16													65	40	85
NKM-G 40-250/245/B/BAQV/ 2,2 /4	60180150	3 x 230 - 400 V ~	2.2	3	8,75	5,05	IE3		20.6	20.5	20.1	19.2	17.8	16													65	40	75
NKM-G 50-160/177/B/BAQV/ 1,5 /4	60166235	3 x 230 - 400 V ~	1.5	2	6,24	3,6	IE2		10.7		10.7	10.7	10.5	10.2	9.8	9.2	8.3										65	50	60
NKM-G 50-160/177/B/BAQV/ 1,5 /4	60180151	3 x 230 - 400 V ~	1.5	2	6,24	3,6	IE3		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	60166236	3 x 230 - 400 V ~	2.2	3	8,75	5,05	IE2		15.3		15.3	15.2	14.8	14	13.3	12.1	10.8	9.4									65	50	79
NKM-G 50-200/210/B/BAQV/ 2,2 /4	60180152	3 x 230 - 400 V ~	2.2	3	8,75	5,05	IE3		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	60166237	3 x 400 V ~	3	4	-	6,25	IE2	H (m)	16.8		16.8	16.5	16.1	15.5	14.6	13.6	12.4	10.9									65	50	81
NKM-G 50-200/219/B/BAQV/ 3/4	60180153	3 x 400 V ~	3	4	-	6,25	IE3		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	60166238	3 x 400 V ~	4	5.5	-	7,95	IE2		23.8		23.8	23.8	23.4	22.7	21.6	20.4	19	17.1									65	50	98
NKM-G 50-250/263/B/BAQV/ 4/4	60180154	3 x 400 V ~	4	5.5	-	7,95	IE3		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	60166239	3 x 400 V ~	3	4	-	6,25	IE2		15.3				15.2	15.2	15.1	14.6	14.1	13.5	12.9	12.2	11.3						80	65	88
NKM-G 65-200/210/B/BAQV/ 3/4	60180155	3 x 400 V ~	3	4	-	6,25	IE3		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	60166240	3 x 400 V ~	4	5.5	-	7,95	IE2		17				17	16.9	16.8	16.4	16.2	15.8	15.2	14.3	13.8	12.6					80	65	96
NKM-G 65-200/219/B/BAQV/ 4/4	60180156	3 x 400 V ~	4	5.5	-	7,95	IE3		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	60166241	3 x 400 V ~	5.5	7.5	-	10,6	IE2		24.1				23.8	23.6	23.3	22.8	22.3	21.5	20.8	19.7	18.6	17.3					80	65	159
NKM-G 65-250/263/B/BAQV/ 5,5 /4	60180157	3 x 400 V ~	5.5	7.5	-	10,6	IE3		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	ELECTRICAL DATA						HYDRAULIC DATA																				DNA	DNM	KG
		VOLTAGE 50 Hz	P2 NOMIN.		In (A)		MOT. TYPE.	Q=m³h	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	60166242	3 x 400 V ~	5.5	7.5	-	7,95	IE2		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	118
NKM-G 80-200/200/B/BAQV/ 4/4	60180158	3 x 400 V ~	5.5	7.5	-	7,95	IE3		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	60166243	3 x 400 V ~	5.5	7.5	-	10,6	IE2		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	147
NKM-G 80-200/222/B/BAQV/ 5,5 /4	60180159	3 x 400 V ~	5.5	7.5	-	10,6	IE3		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	60166244	3 x 400 V ~	7.5	10	-	14,7	IE2	H (m)	20.4	20.3	20.3	20.2	20.1	20	19.9	19.8	19.5	19	18	16.7	16						100	80	212,5
NKM-G 80-250/240/B/BAQV/7,5/4	60168350	3 x 400 V ~	7.5	10	-	14,6	IE3		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	60166245	3 x 400 V ~	11	15	-	22	IE2		25.6	25.5	25.5	25.4	25.1	25	24.8	24.6	24.2	24	23	21.5	21						100	80	264,5
NKM-G 80-250/270/B/BAQV/11/4	60168351	3 x 400 V ~	11	15	-	20,5	IE3		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

* To be coupled with prefilters and fixing kit

NKM-G - 4 POLES - TOP VERSION

Bronze Impeller , mechanical seal with O-Rings in Viton and Pump body with cataphoresis treatment

MODEL *	CODE	ELECTRICAL DATA					HYDRAULIC DATA														DNA	DNM	KG
		VOLTAGE 50 Hz	P2 NOMIN.		In (A)		MOT. TYPE.	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-G100-200/200/B/BAQV/5.5 /4	60166246	3 x 400 V ~	5.5	7.5	-	10,6	IE2	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	160
NKM-G100-200/200/B/BAQV/5.5 /4	60180160	3 x 400 V ~	5.5	7.5	-	10,6	IE3		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-G100-200/214/B/BAQV/7.5 /4	60166247	3 x 400 V ~	7.5	10	-	14,7	IE2		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	209
NKM-G100-200/214/B/BAQV/7.5 /4	60168353	3 x 400 V ~	7.5	10	-	14,6	IE3		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/BAQV/11/4	60166248	3 x 400 V ~	11	15	-	22	IE2		21.1	21	21	21	21	21	21	20.9	20	19.8	18	16		125	100	273
NKM-G100-250/250/B/BAQV/11/4	60168369	3 x 400 V ~	11	15	-	20,5	IE3		21.1	21	21	21	21	21	21	20.9	20	19.8	18	16		125	100	213

MODEL *	CODE	ELECTRICAL DATA					HYDRAULIC DATA																DNA	DNM	KG
		VOLTAGE 50 Hz	P2 NOMIN.		In (A)		MOT. TYPE.	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-G125-250/243/B/BAQV/15/4	60166249	3 x 400 V ~	15	20	-	29	IE2	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	363
NKM-G125-250/243/B/BAQV/15/4	60168370	3 x 400 V ~	15	20	-	28	IE3		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/BAQV/18,5/4	60166250	3 x 400 V ~	18.5	25	-	35	IE2		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	401
NKM-G125-250/256/B/BAQV/18,5/4	60168371	3 x 400 V ~	18.5	25	-	34	IE3		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-G150-200/218/B/BAQV/11/4	60166251	3 x 400 V ~	11	15	-	22	IE2		13.2	13.1	13	13	12.8	12.5	12.1	11.5	11	10.4	9.7	9	8	7	150	125	372
NKM-G150-200/218/B/BAQV/11/4	60168376	3 x 400 V ~	11	15	-	20,5	IE3		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 with prefilters and fixing kit

IE2 ≥ 0,75kW
ONLY FOR EXTRA MARKETS EU

NKP-G - 2 POLES - TOP VERSION

Bronze Impeller , mechanical seal with O-Rings in Viton and Pump body with cataphoresis treatment

MODEL *	CODE	ELECTRICAL DATA						HYDRAULIC DATA														DNA	DNM	KG
		VOLTAGE 50 Hz	P2 NOMIN.		In (A)		MOT. TYPE.	Q=m^{3}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	60166252	3 x 230 - 400 V ~	1,5	2	5,80	3,35	IE2	H (m)	14.7	14.5	14.3	13.8	13	11.8	10.5	8.6	7					65	40	57
NKP-G 40-125/107/B/BAQV/1,5/2	60180161	3 x 230 - 400 V ~	1,5	2	5,80	3,35	IE3		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	60166253	3 x 230 - 400 V ~	2,2	3	8,23	4,75	IE2		19	18.7	18.4	17.8	17	15.9	14.6	13	11					65	40	70
NKP-G 40-125/120/B/BAQV/2,2/2	60180162	3 x 230 - 400 V ~	2,2	3	8,23	4,75	IE3		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	60166254	3 x 400 V ~	3,0	4		5,95	IE2		22.8	22.5	22.3	22	21.2	20.2	19	17.4	15.5	13.5				65	40	76
NKP-G 40-125/130/B/BAQV/3/2	60180163	3 x 400 V ~	3,0	4		5,95	IE3		22.8	22.5	22.3	22	21.2	20.2	19	17.4	15.5	13.5				65	40	67

MODEL *	CODE	ELECTRICAL DATA						HYDRAULIC DATA															DNA	DNM	ìKG
		VOLTAGE 50 Hz	P2 NOMIN.		In (A)		MOT. TYPE.	Q=m^{3}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	60166255	3 x 400 V ~	3,0	4	-	5,95	IE2	H (m)	17	16.5	16	15.5	15	14.5	13.7	13	12	11	10	9			65	50	78
NKP-G 50-125/115/B/BAQV/3/2	60180164	3 x 400 V ~	3,0	4	-	5,95	IE3		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	60166256	3 x 400 V ~	4,0	5.5	-	8,05	IE2		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	113
NKP-G 50-125/125/B/BAQV/4/2	60180165	3 x 400 V ~	4,0	5.5	-	8,05	IE3		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	60166257	3 x 400 V ~	5,5	7.5	-	10,4	IE2		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	115
NKP-G 50-125/135/B/BAQV/5,5/2	60180166	3 x 400 V ~	5,5	7.5	-	10,4	IE3		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

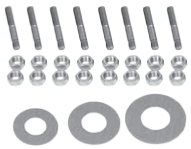
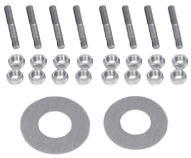
MODEL *	CODE	ELECTRICAL DATA						HYDRAULIC DATA																DNA	DNM	KG
		VOLTAGE 50 Hz	P2 NOMIN.		In (A)		MOT. TYPE.	Q=m^{3}h	0	36	42	48	54	60	66	72	78	84	90	102	114	120	150			
			kW	HP	230V	400V		Q=l/min	0	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500			
NKP-G 65-125/120-110/B/BAQV/4/2	60166258	3 x 400 V ~	4,0	5.5	-	8,05	IE2	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	104
NKP-G 65-125/120-110/B/BAQV/4/2	60180167	3 x 400 V ~	4,0	5.5	-	8,05	IE3		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/B/BAQV/5,5/2	60166259	3 x 400 V ~	5,5	7.5	-	10,4	IE2		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	113
NKP-G 65-125/127/B/BAQV/5,5/2	60180168	3 x 400 V ~	5,5	7.5	-	10,4	IE3		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/B/BAQV/7,5/2	60166260	3 x 400 V ~	7,5	10	-	14,1	IE2		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	157
NKP-G 65-125/137/B/BAQV/7,5/2	60168378	3 x 400 V ~	7,5	10	-	13,4	IE3		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	ELECTRICAL DATA						HYDRAULIC DATA										DNA	DNM	KG
		VOLTAGE 50 Hz	P2 NOMIN.		In (A)		MOT. TYPE.	Q=m^{3}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-G 80-160/147-127/B/BAQV/11/2	60166261	3 x 400 V ~	11,0	15	-	20,4	IE2	H (m)	24	22	21.4	20.4	20	17.4	16.8	12		100	80	242,5
NKP-G 80-160/147-127/B/BAQV/11/2	60168379	3 x 400 V ~	11,0	15	-	19,4	IE3		24	22	21.4	20.4	20	17.4	16.8	12		100	80	179

* To be coupled with prefilters and fixing kit

DIAGRAM FOR SELECTING PUMP/FILTER/FIXING KIT - TOP VERSION

Bronze Impeller , mechanical seal with O-Rings in Viton and Pump body with cataphoresis treatment

POLES		TYPE OF PUMP			PREFILTER			FILTER-PUMP FIXING KIT		
2	4	MODEL	CODE	MOTOR TYPE		MODEL	CODE		MODEL	CODE
	•	NKM-G 40-200/200/B/BAQV/1,1/4	60166232	IE2		PREFILTER 65/65	60164699		PREFILTER FIXING KIT DN 65	60166309
			60180148	IE3						
	•	NKM-G 40-200/219/B/BAQV/1,5/4	60166233	IE2						
			60180149	IE3						
	•	NKM-G 40-250/245/B/BAQV/2,2/4	60166234	IE2						
			60180150	IE3						
	•	NKM-G 50-160/177/B/BAQV/1,5/4	60166235	IE2						
			60180151	IE3						
	•	NKM-G 50-200/210/B/BAQV/2,2/4	60166236	IE2						
			60180152	IE3						
	•	NKM-G 50-200/219/B/BAQV/3/4	60166237	IE2						
			60180153	IE3						
	•	NKM-G 50-250/263/B/BAQV/4/4	60166238	IE2						
			60180154	IE3						
•		NKP-G 40-125/107/B/BAQV/1,5/2	60166252	IE2						
			60180161	IE3						
•		NKP-G 40-125/120/B/BAQV/2,2/2	60166253	IE2						
			60180162	IE3						
•		NKP-G 40-125/130/B/BAQV/3/2	60166254	IE2						
			60180163	IE3						
•		NKP-G 50-125/115/B/BAQV/3/2	60166255	IE2						
			60180164	IE3						
•		NKP-G 50-125/125/B/BAQV/4/2	60166256	IE2						
			60180165	IE3						
•		NKP-G 50-125/135/B/BAQV/5,5/2	60166257	IE2						
			60180166	IE3						
	•	NKM-G 65-200/210/B/BAQV/3/4	60166239	IE2		PREFILTER 80/80	60164700		PREFILTER FIXING KIT DN 80-100-125	60166312
			60180155	IE3						
	•	NKM-G 65-200/219/B/BAQV/4/4	60166240	IE2						
			60180156	IE3						
	•	NKM-G 65-250/263/B/BAQV/5,5/4	60166241	IE2						
			60180157	IE3						
•		NKP-G 65-125/120-110/B/BAQV/4/2	60166258	IE2						
			60180167	IE3						
•		NKP-G 65-125/127/B/BAQV/5,5/2	60166259	IE2						
			60180168	IE3						
•		NKP-G 65-125/137/B/BAQV/7,5/2	60166260	IE2						
			60168378	IE3						
	•	NKM-G 80-200/200/B/BAQV/4/4	60166242	IE2		PREFILTER 100/100	60164701			
			60180158	IE3						
	•	NKM-G 80-200/222/B/BAQV/5,5/4	60166243	IE2						
			60180159	IE3						
	•	NKM-G 80-250/240/B/BAQV/7,5/4	60166244	IE2						
			60168350	IE3						
	•	NKM-G 80-250/270/B/BAQV/11/4	60166245	IE2						
			60168351	IE3						
•		NKP-G 80-160/147-127/B/BAQV/11/2	60166261	IE2						
			60168379	IE3						
	•	NKM-G 100-200/200/B/BAQV/5.5/4	60166246	IE2		PREFILTER 125/125	60164702			
			60180160	IE3						
	•	NKM-G 100-200/214/B/BAQV/7.5/4	60166247	IE2						
			60168353	IE3						
	•	NKM-G 100-250/250/B/BAQV/11/4	60166248	IE2						
			60168369	IE3						
	•	NKM-G 125-250/243/B/BAQV/15/4	60166249	IE2		PREFILTER 150/150	60164703		PREFILTER FIXING KIT DN150-200	60166313
			60168370	IE3						
	•	NKM-G 125-250/256/B/BAQV/18,5/4	60166250	IE2						
			60168371	IE3						
	•	NKM-G 150-200/218/B/BAQV/11/4	60166251	IE2		PREFILTER 200/200	60164704			
			60168376	IE3						

BB

EUROCOVER

SUBMERSIBLE SWIMMING POOL PUMPS

CE

SWIMMING POOL COVER DRAINAGE

Totally automatic submersible electric pump, with wide support base specially designed to increase stability and to offer the possibility to operate also in positions which are not perfectly perpendicular to the ground.
Suitable for use during the winter period above the pool covers, to remove rainwater and avoid damage to the cover due to the excessive weight of the accumulated water. Electric pump made of resistant thermoplastic material. Motor, shaft, bolts and screws in stainless steel. Triple interposed ring seal with oil precombustion chamber. Incorporated float for automatic operation.
Submersible with continuous duty asynchronous motor. Stator positioned in stainless steel enclosure with cap to cover wiring and capacitor.

Protection rating: IP68
Insulation class: F
Input voltage: 230V - 50Hz single phase
Supplied with 10m cable and Schuko plug / 10 m rope for positioning on sheets
Multi-hose fitting with clapet valve
Operating range: From 0.5 to 6 m³/h with head up to 6.5 m
Liquid temperature range: From 0 to 35 °C (EN60335-2-41)
Installation: fixed or portable in vertical position (max. inclination 10°)
Particle size: 5 mm
Automatic start/stop: start 55 mm - stop 35 mm

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA							WEIGHT KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX W	P2 NOMINAL kW	P2 NOMINAL HP	Q=m³h	0	1,2	2,4	3,6	4,8	6		
EUROCOVER	60115704	230 V ~	250	0,22	0,3	H (m)	6,5	5,1	4	3	1,9	0,5	4,6	36

B9 - B8

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

JETCOM SP - EUROCOM SP

SWIMMING POOL CENTRIFUGAL PUMPS

CE

SWIMMING POOL WATER SUPPLY

Self-priming centrifugal (Jetcom) or multistage (Eurocom) pump with excellent suction capacity even when there are air bubbles. Suitable for use with water containing small sand impurities. Especially suitable for water supplies in domestic systems: handling of aggressive water in general with chlorine contents (swimming pools). Pump body in technopolymer.
Support and seal-carrier in AISI 316 STAINLESS STEEL.
Carbon/ceramic mechanical seal.
Rotor shaft in AISI 316 STAINLESS STEEL.
Impellers, diffuser, Venturi tube, and sand guard in technopolymer. Clearance rings in stainless steel.
Continuous duty asynchronous motor.
Built-in motor overload cut out and a capacitor permanently on in the single-phase version.
Protection for the three-phase version is the responsibility of the user.

Motor protection level: IP 44
Terminals protection level: IP 55
Insulation class: F
Standard voltage: 220/240V - 50 Hz single-phase 230/400V - 50 Hz three-phase
Operating range: from 10 to 80 l/min with head of up to 58 m depending on the model
Liquid quality requirements: clean, free of solid or abrasive contaminants, swimming pool water (containing chlorine).
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 operating pressure: 6 bar (600 kPa)
Installation: fixed or portable in horizontal position

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA												DNA GAS	DNM GAS	WT. KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOTOR TYPE	Q=m³h	0	0,6	1,2	1,8	2,4	3,0	3,3	3,6	4,2	4,8				
								Q=l/min	0	10	20	30	40	50	55	60	70	80				
JETCOM 102 SP M	102676030	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 "	9,5	28
EUROCOM SP 30/50 M	102966260	1x220-240 V ~	880	0,55	0,75	3,9	-		42,2	40,2	38,2	36,2	33,8	30	27,5	24,8	19,5	14	1 "	1 "	8,8	28
EUROCOM SP 30/50 T	102966270	3x230-400 V ~	870	0,55	0,75	2,8-1,6	-		42,2	40,2	38,2	36,2	33,8	30	27,5	24,8	19,5	14	1 "	1 "	8,8	28
EUROCOM SP 40/50 M	102966280	1x220-240 V ~	1200	0,75	1	5,3	-		57,7	55,3	52,8	50,1	47,1	42,7	39,5	35,8	28	19,2	1 "	1 "	11	28
EUROCOM SP 40/50 T	60145281	3x230-400 V ~	1180	0,75	1	3,8-2,2	IE2		57,7	55,3	52,8	50,1	47,1	42,7	39,5	35,8	28	19,2	1 "	1 "	11,3	28
EUROCOM SP 40/50 T	60179420	3x230-400 V ~	1180	0,75	1	3,8-2,2	IE3		57,7	55,3	52,8	50,1	47,1	42,7	39,5	35,8	28	19,2	1 "	1 "	11,3	28

MULTI 4 SW

SELF-PRIMING HORIZONTAL MULTISTAGE PUMPS

CE

SALT WATER

Is a self-priming multistage surface pump specifically constructed to pump salt water. Low noise and high pressure performance. **Available with 4-Noryl impeller.**
Anti-corrosive and rust-proof materials.
Motor with thermic overload protection.
Double sealing system between motor and hydraulic part.

High resistance to frost and icing.
Supplied with power cable with plug, and self-sealing fitting.
Supplied complete with power cable and plug.

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA										N° IMPELLERS	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	3,0	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	60122695	1x220-240 V ~	1	0,75	1	4,5	H (m)	46	45	43	40	38	33	28	22	16	9	4	1 "	1 "	10,6	21

NOVA SALT W

SUBMERSIBLE PUMPS

CE

SALT WATER

The Nova Salt W M-A is a multi- purpose submersible pump specifically constructed for use in **salt water.**
Anti-corrosive and rust-proof materials.
Motor casing, shaft, screws and nuts made of stainless steel AISI 316.
Cable with tin plated conductors.
Motor with thermic overload protection.
Wear resistant shaft and impeller.

Excellent cooling of the motor that enables the pump to operate even when it is partially submersible.
Manual and Automatic version with start/ stop float switch.
Supplied with power cable with plug and self-sealing fitting.

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA										DNM GAS	CABLE	WEIGHT KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m3h	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	1X230 V~	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	10 mt.	3,9	48

D8

NOVAPOND
SUBMERSIBLE PUMPS

PUMPS FOR PONDS AND FOUNTAIN

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.

ACCESSORIES | PAG. 115

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA											DNM GAS	CABLE	WEIGHT KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX W	P2 NOMINAL		In A	Q=m³h	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	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 mt.	4,3	48
NOVAPOND 550 M	60122684	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 mt.	6,2	48

A8

NINPHAEA
SUBMERSIBLE PUMPS

PUMPS FOR PONDS AND FOUNTAIN

Fountain and pond pumps.
Use of ceramic parts in order to reduce wear and tear.
Filtering with a double grid, without sponge, to keep maintenance low.

Thermally protected, any possible damage to the motor is avoided thanks to the thermo protector.
Impeller designed to expel dirt and solid particles.

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA													DNM GAS	CABLE	WEIGHT KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX W	P2 NOMINAL	Q=m³h	0	0,2	0,4	0,6	0,9	1,2	1,6	2	2,4	3	3,5	4	4,6				
				W	Q=l/min	0	3	7	10	15	20	27	33	40	50	58	67	77				
NINPHAEA 1	60122685	1X230 V~	13	10	H (m)	1,5	1,2	0,78	0,2										¾"	10 mt.	1	96
NINPHAEA 2	60122686	1X230 V~	20	15		2	1,85	1,6	1,3	0,81	0,1								¾"	10 mt.	1,5	96
NINPHAEA 3	60122687	1X230 V~	45	35		2,38	2,3	2,2	2,07	1,85	1,6	1,26	0,76	0,21					¾"	10 mt.	1,8	48
NINPHAEA 4	60122688	1X230 V~	75	55		2,6	2,5	2,4	2,3	2,15	2	1,75	1,47	1,15	0,7	0,1			¾"	10 mt.	2,2	32
NINPHAEA 5	60122689	1X230 V~	95	75		3,76	3,67	3,6	3,5	3,35	3,18	2,98	2,7	2,45	2	1,55	1	0,23	¾"	10 mt.	2,7	32

ACCESSORIES FOR SWIMMING POOL , POND AND SALT WATER PUMPS

ACCESSORIES

FOR SWIMMING POOL ,POND AND SALT WATER PUMPS

UNIONS KIT	DESCRIPTION	CODE
	2" UNIONS KIT / DN 50-63 FOR EUROSWIM AND E.SWIM	60120005

COUNTER FLANGE KIT	DESCRIPTION	CODE
	COUNTER FLANGE KIT SUCTION + DELIVERY	60165456

WATER FEATURES FOR NOVAPOND	DESCRIPTION	CODE
	TELESCOPIC TUBE	LP050001
	3 LEVELS	LP050003
	FOAM	LP050004
	FLOWER	LP050005
	MUSHROOM HEAD HOUSING	LP050006

INDEX - CENTRIFUGAL PUMPS

KPA
SELF-PRIMING PERIPHERAL PUMPS
AB PAG. 118

KPS - KPF
PERIPHERAL PUMPS
AB PAG. 118

KP
PERIPHERAL PUMPS
AB PAG. 119

KE SINGLE IMPELLER
SINGLE IMPELLER CENTRIFUGAL PUMPS
WITH INVERTER MCE/P
BO PAG. 120

KE TWIN IMPELLER
TWIN IMPELLERS CENTRIFUGAL PUMPS
WITH INVERTER MCE/P
BP PAG. 121

NKM-GE / NKP-GE
ENBLOC CENTRIFUGAL PUMPS WITH INVERTER
FOR PRESSURIZATION SYSTEM
BG PAG. 123

KDNE
STANDARDISED CENTRIFUGAL PUMPS
WITH INVERTER FOR PRESSURIZATION SYSTEM
BC PAG. 127

KVCE 30-50-80-120
MULTISTAGE CENTRIFUGAL PUMPS
WITH VERTICAL AXIS WITH INVERTER MCE/P
BL PAG. 129

KVE 3-6-10
MULTISTAGE CENTRIFUGAL PUMPS
WITH VERTICAL AXIS WITH INVERTER MCE/P
BN PAG. 130

NKVE 10-15-20
MULTISTAGE CENTRIFUGAL PUMPS
WITH VERTICAL AXIS WITH MCE/P
BH BI BJ PAG. 131

NKVE 32-45-65-95
MULTISTAGE CENTRIFUGAL PUMPS
WITH VERTICAL AXIS WITH MCE/P
EH EI EK EL PAG. 133

NKM-GE / NKP-GE
ENBLOC CENTRIFUGAL PUMPS WITH INVERTER
FOR CIRCULATING SYSTEM
BG PAG. 137

KDNE
STANDARDISED CENTRIFUGAL PUMPS
WITH INVERTER FOR CIRCULATING SYSTEM
BC PAG. 142

KI
AISI 304 STAINLESS STEEL SINGLE IMPELLER
CENTRIFUGAL PUMPS
NEWS
EP PAG. 146

K SINGLE IMPELLER
SINGLE IMPELLER CENTRIFUGAL PUMPS
BO PAG. 147

K TWIN IMPELLER
TWIN IMPELLERS CENTRIFUGAL PUMPS
BP PAG. 149

KC / KCV
CENTRIFUGAL PUMPS FOR AIR CONDITIONING
BX PAG. 151

NKM-G - NKP-G
STANDARDISED ENBLOC CENTRIFUGAL PUMPS
BE PAG. 152

KDN
STANDARDISED CENTRIFUGAL PUMPS
BC PAG. 174

KDN OVERSIZE
STANDARDISED CENTRIFUGAL PUMPS
BF PAG. 188

KVC - KVCX
MULTISTAGE CENTRIFUGAL PUMPS
WITH VERTICAL AXIS
BL BM PAG. 190

KV 3-6-10
MULTISTAGE CENTRIFUGAL PUMPS
WITH VERTICAL AXIS
BN PAG. 193

NKV 10-15-20
MULTISTAGE CENTRIFUGAL PUMPS
WITH VERTICAL AXIS
BH BI BJ PAG. 194

NKV 32-45-65-95
MULTISTAGE CENTRIFUGAL PUMPS
WITH VERTICAL AXIS
EH EI EK EL PAG. 198

ACCESSORIES
PAG. 203

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

KPA
SELF-PRIMING PERIPHERAL PUMPS

CE

DOMESTIC WATER SUPPLY

Self-priming peripheral pump with star impeller, with a great suction capacity. Cast iron body with brass ring. Motor support and impeller in brass to avoid the risk of blocking. Driving shaft in stainless steel. Carbon/ceramic mechanical seal.
Asynchronous, closed motor, cooled by external ventilation. Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. For the protection of the three-phase motor it is advisable to use a suitable overload protection complying with the regulations in force.

Operating range: from 8 to 45 l/min. with head up to 53 metres.
Liquid temperature range:
from -10°C to +80°C
from 0°C to +35°C for domestic use.
Pumped liquid characteristics: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral.
Maximum ambient temperature: +40°C
Maximum working pressure: 10 bar (1000 kPa).
Protection level: IP 44 (IP 55 terminal board protection).
Insulation class: F

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA								DNA	DNM	Weight Kg	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOTOR TYPE	Q=m³h	0	0,3	0,6	0,9	1,2	1,8	2,4				
								Q=l/min	0	5	10	15	20	30	40				
KPA 40/20 M	101120000	1 x 230 V ~	1,1	0,75	1	5,1	-	H (m)	53	51	48	43	38	27	16	1"G	1"G	12,40	39
KPA 40/20 T	60145185	3 x 230 - 400 V ~	1	0,75	1	3,5-2,1	IE2		53	51	48	43	38	27	16	1"G	1"G	12,40	39
KPA 40/20 T	60180169	3 x 230 - 400 V ~	1	0,75	1	3,5-2,1	IE3		53	51	48	43	38	27	16	1"G	1"G	12,40	39

KPF FRONTAL SUCTION

KPS - KPF -KP
PERIPHERAL PUMPS

CE

DOMESTIC WATER SUPPLY

KPF

KPS

Peripheral centrifugal pump, reduced encumbrance, able to generate high heads, it is suitable for domestic use and small industrial uses.
Pump body and motor support in brass for the KP 60 version, in cast iron for the KPS 30 and KP 38 versions. Brass impeller. Mechanical seal in carbon/ceramic.
Asynchronous, closed motor, cooled by external ventilation.
Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. For the protection of the three-phase motor it is advisable to use a suitable overload protection complying with the regulations in force.

Operating range: from 1 to 50 l/min. with head up to 107 metres.
Liquid temperature range:
from 0°C to +35°C for domestic use.
from -10°C to +50°C for other uses.
Pumped liquid characteristics:clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral.
Maximum ambient temperature: +40°C
Maximum working pressure: 10 bar (6 bar for KPS-KPF 30/16).
Protection level: IP 44
Insulation class: F

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA								DNA	DNM	WEIGHT Kg	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOTOR TYPE	Q=m³h	0	0,3	0,6	0,9	1,2	1,8	2,4				
								Q=l/min	0	5	10	15	20	30	40				
KPF 30/16 M	101110400	1 x 230 V ~	0,53	0,37	0,5	2,37	-	H (m)	32,5	31	25	22	17,5	10		1"G	1"G	5,3	110
KPF 30/16 T	101110410	3 x 230 - 400 V ~	0,47	0,37	0,5	1,45-0,82	-		32,5	31	25	22	17,5	10		1"G	1"G	5,3	110
KPS 30/16 M	101110024	1 x 230 V ~	0,47	0,37	0,5	2	-		32,5	31	25	22	17,5	10		1"G	1"G	5,4	120
KPS 30/16 T	101110014	3 x 230 - 400 V ~	0,47	0,37	0,5	1,4-0,8	-		32,5	31	25	22	17,5	10		1"G	1"G	5,4	120
KPS 30/16 M-P	101112224	1 x 230 V ~	0,47	0,37	0,5	2	-		32,5	31	25	22	17,5	10		1"G	1"G	5,4	36
KP 38/18 M	101110060	1 x 230 V ~	0,89	0,6	0,8	4	-		54	50	46	41	36	27,5	17,5	1"G	1"G	7,5	68
KP 38/18 T	101110050	3 x 230 - 400 V ~	0,86	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	60141934	1 x 230 V ~	1,5	1,0	1,34	5,9	-		84	76	68	62	56	38	24	1"G	1"G	9,0	39
KPF 45/20 T	60145268	3 x 230 - 400 V ~	1,4	1,0	1,34	–	IE2		84	76	68	62	56	38	24	1"G	1"G	9,0	39
KPF 45/20 T	60179405	3 x 230 - 400 V ~	1,4	1,0	1,34	–	IE3		84	76	68	62	56	38	24	1"G	1"G	9,0	39

[1] KPS-fitted Pump fitted with a pressure gauge, pressure switch, power supply cable with plug and five-way fitting for connection to a tank.

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

KP
PERIPHERAL PUMPS

CE

DOMESTIC WATER SUPPLY

Pump body, motor support and impeller in brass. Carbon/ceramic mechanical seal. Stainless steel motor shaft. Asynchronous, closed motor cooled by external ventilation.
Rotor mounted on oversized greased sealed-for-life ball bearings to ensure silent running and long life.
Motor overload cut out equipped as standard in the single-phase version. Overload protection to be provided by the user for the three-phase version. Permanently connected capacitor for the single-phase version.
Construction to CEI 2-3 and CEI 61-69 (EN 60335-2-41)

Protection rating: IP 44
Insulation class: F
Standard voltage: 1x230V 50Hz single-phase
3x230-400V 50Hz three-phase
Operating range: from 1 to 35 l/min with head up to 107 meters.
Pumped liquid: clean, free from solids or abrasive substances, not aggressive.
Liquid temperature range:
- from 0°C to +35°C for domestic use (EN 60335-2-41)
- from -10°C to +80°C for other uses.
Maximum ambient temperature: +40°C
Maximum working pressure: 10 bar (1000 kPa).
Installation: fixed in horizontal position.

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA								DNA	DNM	WEIGHT Kg	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A	MOTOR TYPE	Q=m³h	0	0,3	0,6	0,9	1,2	1,8	2,4				
				kW	HP			Q=l/min	0	5	10	15	20	30	40				
KP 60/6 M	101110280	1 x 230 V ~	0,54	0,37	0,5	2,4	-	H (m)	87	57	33	13				½" G	½" G	8,2	39
KP 60/6 T	101110290	3 x 230 - 400 V ~	0,52	0,37	0,5	1,8-1	-		87	57	33	13				½" G	½" G	7,9	39
KP 60/12 M	101110320	1 x 230 V ~	1,15	0,75	1	5,2	-		107	91	74	58	43	17		¾" G	¾" G	10,1	39
KP 60/12 T	60145184	3 x 230 - 400 V ~	1,12	0,75	1	3,8-2,2	IE2		107	91	74	58	43	17		¾" G	¾" G	9,90	39
KP 60/12 T	60180170	3 x 230 - 400 V ~	1,12	0,75	1	3,8-2,2	IE3		107	91	74	58	43	17		¾" G	¾" G	9,90	39

KE SINGLE IMPELLER

SINGLE IMPELLER CENTRIFUGAL PUMPS WITH INVERTER MCE/P

DOMESTIC, CIVIL AND INDUSTRIAL WATER SUPPLY

Single impeller centrifugal pump suitable for pressure booster systems and domestic, civil, industrial and agricultural systems.
Particularly versatile thanks to the use of the **MCE/P** inverter, this pump guarantees the automatic adjustment of its performance to the various system requirements, while maintaining constant the differential pressure. Pressure sensor included. Pump body and motor support in cast iron. Technopolymer impeller for the KE 36/200, KE 40/200 and KE 55/200 versions; cast iron impeller for the other pumps. Carbon/ceramic mechanical seal. Asynchronous, closed motor cooled by external ventilation. Motor shaft mounted on generously sized ball bearings to ensure silent running and long life.

Operating range: from 6 to 100 m3/h with head up to 60 meters.
Liquid temperature range:
from -10°C to +50°C for the KE 36/200 and KE 40/200 versions, from -15°C to +110°C for other pumps.
Pumped liquid: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral, close to the properties of water.
Installation: normally horizontal or vertical provided the motor is always above the pump.
Maximum ambient temperature: +40°C.
Maximum working pressure:
KE 36/200, KE 40/200, KE 55/200:8 bar (800 kPa)
KE 40/400, KE 50/400, KE 30/800, KE 40/800, KE 50/800, KE 20/1200, KE 25/1200, KE 35/1200: 10 bar (1000 kPa)
Protection rating: IP 44.
Terminal box protection rating: IP 55.
Insulation class: F.

MCE/P | PAG. 3

KE SINGLE IMPELLER WITH MCE/P - FOR PRESSURIZATION SYSTEM

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA												DNA	DNM	WEIGHT Kg
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³h	0	1,8	2,4	3,6	4,8	6	7,2	9	9,6	10,8	12	15	18			
				kW	HP		Q=l/min	0	30	40	60	80	100	120	150	160	180	200	250	300			
KE 36/200 T MCE30/P	60144849	3 x 400V	3,2	2,2	3	6,96	H (m)	36,6				36	35,5	35	34	33,3	32,5	31,5	28	23,5	2" G	1¼" G	39,9
KE 40/200 T MCE30/P	60144850	3 x 400V	3,8	3	4	8,93		41,3				41	40,5	40	39	38,8	38	37	33,5	29	2" G	1¼" G	41,7
KE 55/200 T MCE55/P	60144851	3 x 400V	5,3	4	5,5	10,90		54					54	53,9	53,2	53	52	51,5	48,5	45	2" G	1¼" G	41,7

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA													DNA	DNM	WEIGHT Kg
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³h	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			
KE 40/400 T MCE55/P	60167376	3 x 400V	6,7	5,5	7,5	14,67	H (m)	50,5	49	48	45	37	24							65	50	86,6
KE 50/400 T MCE110/P	60167377	3 x 400V	8,9	7,5	10	18,74		62	61	60	59	54,5	46							65	50	91,7
KE 30/800 T MCE110/P	60167378	3 x 400V	8,5	7,5	10	18,19		44				42	40	38	35	21,5				80	65	103,1
KE 40/800 T MCE110/P	60167379	3 x 400V	10,4	9,2	12,5	21,48		51,5				50	48	47	43,5	32,5	21			80	65	107,9
KE 50/800 T MCE110/P	60167380	3 x 400V	13,5	11	15	27,49		58				56,5	55	53,5	51	41	31			80	65	117,2
KE 25/1200 T MCE110/P	60167381	3 x 400V	12,0	10	12,5	20,92		40,7				39	38,5	38	37	33,5	30	25	18	80	65	106,9
KE 35/1200 T MCE110/P	60167382	3 x 400V	11,4	12	15	25,10		45						43	42,5	38,5	35	31,5	27	80	65	112,9

KE TWIN IMPELLERS

TWIN IMPELLERS CENTRIFUGAL PUMPS WITH INVERTER MCE/P

DOMESTIC, CIVIL AND INDUSTRIAL WATER SUPPLY

Twin impeller centrifugal pump, suitable for pressure booster systems and domestic, civil, industrial and agricultural systems.
Particularly versatile thanks to the use of the **MCE/P** inverter, this pump guarantees the automatic adjustment of its performance to the various system requirements, while maintaining constant the differential pressure. Pressure sensor included.Pump body and motor support in cast iron. Technopolymer impeller. Carbon/ ceramic mechanical seal. Asynchronous, closed motor cooled by external ventilation. Motor shaft mounted on generously sized ball bearings to ensure silent running and long life.

Operating range: from 2 to 30 m3/h with head up to 95 meters.
Liquid temperature range:
from -10 °C to 50 °C: for KE 35/40, KE 45/50, KE 55/100.
from -15 °C to 110 °C: for KE 55/50, K 66/100, K 90/100, K 70/300, K 80/300, K 70/400, K 80/400.
Pumped liquid: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral, close to the properties of water.
Installation: normally horizontal or vertical provided the motor is always above the pump.
Maximum ambient temperature: +40°C.
Maximum working pressure:
KE 35/40: 6 bar (600 kPa)
KE 45/50, KE 55/50: 8 bar (800 kPa)
KE 55/100, KE 66/100: 10 bar (1000 kPa)
KE 90/100, KE 70/300, KE 80/300 KE 70/400, KE 80/400: 12 bar (1200 kPa).
Protection rating: IP 44.
Terminal box protection rating: IP 55.
Insulation class: F.

MCE/P | PAG. 3

KE TWIN IMPELLERS WITH MCE/P - FOR PRESSURIZATION SYSTEM

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA																	DNA	DNM	Weight Kg
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	Q=m³h	0	1,2	1,8	2,4	3,6	4,8	6	7,2	9	9,6	10,8	12	15	18	24	30			
							Q=l/min	0	20	30	40	60	80	100	120	150	160	180	200	250	300	400	500			
KE 35/40 M MCE11/P	**60147869**	1 x 230V	1,3	0,75	1,0	10,3		43,5	41,5	40	38	33	23,5											1" G	1" G	20,5
KE 45/50 M MCE15/P	60147870	1 x 230V	2	1,6	2,2	14,7		51	49	47,5	46	42	37	30										1¼" G	1" G	27,7
KE 55/50 M MCE15/P	**60147871**	1 x 230V	2,53	1,6	2,2	18,1		62	60	58	57	52	45	34										1½" G	1" G	28,2
KE 55/100 T MCE30/P	60144859	3 x 400V	3,66	2,2	3,0	8,93		62			59,5	57	54,5	51	47	39	36							1½" G	1" G	44,9
KE 66/100 T MCE30/P	60144860	3 x 400V	4,32	3,0	4,0	9,64		73			70	67,5	64	60,5	57	49	47							1½" G	1" G	47,5
KE 90/100 T MCE55/P	60144861	3 x 400V	5,23	3,0	4,0	10,8	H (m)	83,5			82	79,5	76,5	72,5	68	61	58							1½" G	1" G	50,8
KE 70/300 T MCE55/P	60180171	3 x 400V	6,73	5,5	7,5	14,1		76						74	73	72	71,5	70	69	65	60,5	43,5		2" G	1¼" G	79,8
KE 80/300 T MCE110/P	60167383	3 x 400V	9,83	7,5	10,0	19,4		95						93	92,2	91	90,5	90	89,5	87	82	68		2" G	1¼" G	86,6
KE 70/400 T MCE110/P	60167384	3 x 400V	9,57	9,2	12,5	20,4		86								84	83,2	82,5	82	79	76	65	47	2" G	1¼" G	86,9
KE 80/400 T MCE110/P	60167385	3 x 400V	11,2	11,0	15,0	22,7		97									95	94,5	94	92	89	80	64	2" G	1¼" G	90,9

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER - FOR PRESSURIZATION SYSTEM

PERFORMANCE RANGE

NKM-GE 4 POLES WITH MCE/P

≅ 1450 1/min

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	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
NKM-GE40-250/260/A/BAQE/ 3 /4 MCE30/P	3	4	H (m)	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-GE65-315/309/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-GE80-250/270/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

NKP-GE 2 POLES WITH MCE/P

≅ 2900 1/min

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
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 32-160.1 166/A/BAQE /3/2 MCE30/P	3	4		35.3	35	33	28																		
NKP-GE 32-160/151/A/BAQE/3/2 MCE30/P	3	4		30.5	30	29	27	24	19.5																
NKP-GE 32-160/177/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-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 /2MCE110/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/7,5/2MCE110/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-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-GE50-160/169/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

NKM-GE / NKP-GE WITH MCE/P

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER

PRESSURIZZATION

Enbloc electric centrifugal pumps with coupling, designed for a wide range of applications such as:

- homes;
- apartment blocks;
- camp sites;
- swimming pools;
- farms;
- well water supply;
- irrigation for greenhouses, gardens, agriculture;
- re-use of rainwater;
- industrial systems.

Highly versatile pumps thanks to the use of the **MCE/P** inverter, to guarantee performance able to automatically adapt to the various system requirements, while maintaining constant pressure. Spiral single-stage body in cast iron according to DIN-EN 733 (ex DIN 24255), cast iron support, flanges according to DIN 2533 and DIN 2532 for DN 200. Cast iron impeller, sealed and dynamically balanced with compensation of the axial thrust via balancing holes, operating (on request) on interchangeable wear rings. Pump shaft in AISI 304 stainless steel. Seal: standardised mechanical seal according to DIN 24960 in carbon/silicon carbide with O-rings in EPDM. Asynchronous, closed motor cooled by external ventilation, construction design B3/B5, 2-pole for NKPGE and 4-pole for NKM-GE.
Rotor mounted on generously sized ball bearings to ensure silent and durable operation.
Speed of rotation: 1450 - 2900 1/min.
Operating range: from 1 a 450 m^3/h head up to 72 metri.
Liquid temp. range: from -10°C to +140°C.
Pumped liquid: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral and close to the characteristics of water. **Installation:** normally horizontal or vertical provided the motor is always above the pump.
Max. ambient temperature: +40°C
Maximum operating pressure: 16 bar - 1600 kPa (for DN 200 max. 10 bar).
Protection rating: IP 55
Insulation class: F
Flanging: PN 16 DIN 2533
Special versions on request:
Pumps for liquids other than water.
Other voltages and/or frequencies.
Inverter modulation with 0-10V signal

MCE/P PAG. 3
ACCESSORIES PAG. 203

NKM-GE 4 POLES WITH MCE/P - FOR PRESSURIZATION SYSTEM

MODEL	CODE	ELECTRICAL DATA				MODEL MCE	DNA	DNM	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		In A				
			kW	HP					
NKM-GE 40-250/245/A/BAQE/ 2,2 /4 MCE30/P	60147766	3x400 V	2,2	3,0	6,6	MCE30/P	65	40	89
NKM-GE40-250/260/A/BAQE/ 3 /4 MCE30/P	60147767	3x400 V	3,0	4,0	7,9	MCE30/P	65	40	98
NKM-GE50-250/263/A/BAQE/ 4/4 MCE30/P	60147768	3x400 V	4,0	5,5	10,0	MCE30/P	65	50	105
NKM-GE65-250/263/A/BAQE/ 5,5 /4MCE55/P	60147769	3x400 V	5,5	7,5	13,4	MCE55/P	80	65	168
NKM-GE65-315/279/A/BAQE/ 7,5 /4MCE110/P	60147770	3x400 V	7,5	10,0	17,9	MCE110/P	80	65	195
NKM-GE65-315/309/A/BAQE/11/4 MCE110/P	60147771	3x400 V	11,0	15,0	27,2	MCE110/P	80	65	263
NKM-GE80-250/240/A/BAQE/7,5/4MCE110/P	60147772	3x400 V	7,5	10,0	17,9	MCE110/P	100	80	185
NKM-GE80-250/270/A/BAQE/11/4 MCE110/P	60147773	3x400 V	11,0	15,0	27,2	MCE110/P	100	80	237
NKM-GE80-315/305/A/BAQE/15/4 MCE150/P	60147774	3x400 V	15,0	20,0	36,5	MCE150/P	100	80	294
NKM-GE100-250/250/A/BAQE/11/4 MCE110/P	60147775	3x400 V	11,0	15,0	27,2	MCE110/P	125	100	245
NKM-GE100-250/270/A/BAQE/15/4MCE150/P	60147776	3x400 V	15,0	20,0	36,5	MCE150/P	125	100	268
NKM-GE125-250/243/A/BAQE/15 /4 MCE150/P	60147777	3x400 V	15,0	20,0	36,5	MCE150/P	150	125	305

NKP-GE WITH MCE/P

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER

NKP-GE 2 POLES WITH MCE/P - FOR PRESSURIZATION SYSTEM

MODEL	CODE	ELECTRICAL DATA				MODEL MCE	DNA	DNM	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		In A				
			kW	HP					
NKP-GE32-125.1/125/A/BAQE /1.5/2 MCE11/P	60147778	1 x 230V	1,5	2,0	13,42	MCE11/P	50	32	56
NKP-GE 32-125.1/140/A/BAQE/2.2/2 MCE15/P	60147779	1 x 230V	2,2	3,0	18,47	MCE15/P	50	32	58
NKP-GE 32-125/130/A/BAQE / 2.2 /2 MCE15/P	60147780	1 x 230V	2,2	3,0	18,55	MCE15/P	50	32	58
NKP-GE 32-125/142/A/BAQE / 3 /2 MCE30/P	60147781	3 x 400V	3,0	4,0	6,98	MCE30/P	50	32	76
NKP-GE 32-160.1 155/A/BAQE/2.2/2 MCE15/P	60147782	1 x 230V	2,2	3,0	19,42	MCE15/P	50	32	53
NKP-GE 32-160.1 166/A/BAQE /3/2 MCE30/P	60147783	3 x 400V	3,0	4,0	6,68	MCE30/P	50	32	70
NKP-GE 32-160.1 177A/BAQE /4/2 MCE55/P	60168859	3 x 400V	4	5,5	8,5	MCE55/P	50	32	90,6
NKP-GE 32-160/151/A/BAQE/3/2 MCE30/P	60147784	3 x 400V	3,0	4,0	7,09	MCE30/P	50	32	70
NKP-GE 32-160/163/A/BAQE /4/2 MCE55/P	60147785	3 x 400V	4,0	5,5	9,83	MCE55/P	50	32	92
NKP-GE 32-160/177/A/BAQE /5,5/2MCE55/P	60147786	3 x 400V	5,5	7,5	12,68	MCE55/P	50	32	114
NKP-GE 32-200.1 188/A/BAQE/4/2 MCE30/P	60147787	3 x 400V	5,5	7,5	9,10	MCE30/P	50	32	92
NKP-GE32-200.1 205/A/BAQE/5,5/2 MCE55/P	60147788	3 x 400V	4,0	5,5	11,44	MCE55/P	50	32	114
NKP-GE 32-200/190/A/BAQE/5.5 /2MCE55/P	60147789	3 x 400V	5,5	7,5	12,35	MCE55/P	50	32	126
NKP-GE 32-200/210/A/BAQE/7.5 /2MCE110/P	60147790	3 x 400V	7,5	10,0	17,02	MCE110/P	50	32	135
NKP-GE 40-125/120/A/BAQE/2.2/2MCE22/P	60147791	1 x 230V	2,2	3,0	20,62	MCE22/P	65	40	74
NKP-GE 40-125/130/A/BAQE/3/2 MCE30/P	60147792	3 x 400V	3,0	4,0	7,23	MCE30/P	65	40	85
NKP-GE 40-125/139/A/BAQE/4/2 MCE55/P	60147793	3 x 400V	4,0	5,5	9,64	MCE55/P	65	40	107
NKP-GE 40-160/158/A/BAQE/5,5/2MCE55/P	60147794	3 x 400V	5,5	7,5	12,44	MCE55/P	65	40	119
NKP-GE40-160/172/A/BAQE/7,5/2MCE110/P	60147795	3 x 400V	7,5	10,0	17,19	MCE110/P	65	40	127
NKP-GE 40-200/210/A/BAQE/11/2 MCE110/P	60147796	3 x 400V	11,0	15,0	24,87	MCE110/P	65	40	207
NKP-GE40-250/230/A/BAQE/15/2 MCE150/P	60147797	3 x 400V	15,0	20,0	34,64	MCE150/P	65	40	220
NKP-GE 50-125/125/A/BAQE/4/2 MCE55/P	60147798	3 x 400V	4,0	5,5	9,78	MCE55/P	65	50	122
NKP-GE50-125/135/A/BAQE/5,5 /2 MCE55/P	60147799	3 x 400V	5,5	7,5	12,60	MCE55/P	65	50	124
NKP-GE50-125/144/A/BAQE/7,5/2MCE55/P	60147800	3 x 400V	7,5	10,0	16,13	MCE55/P	65	50	133
NKP-GE50-160/153/A/BAQE/7.5/2MCE110/P	60147801	3 x 400V	7,5	10,0	17,38	MCE110/P	65	50	101
NKP-GE50-160/169/A/BAQE/11/2 MCE110/P	60147802	3 x 400V	11,0	15,0	24,03	MCE110/P	65	50	132
NKP-GE 50-200/200/A/BAQE /15 /2 MCE150/P	60147803	3 x 400V	15,0	20,0	32,53	MCE150/P	65	50	216
NKP-GE 65-125/127/A/BAQE/5,5/2MCE55/P	60147804	3 x 400V	5,5	7,5	12,81	MCE55/P	80	65	122
NKP-GE65-125/137/A/BAQE/7,5/2MCE110/P	60147805	3 x 400V	7,5	10,0	17,43	MCE110/P	80	65	131
NKP-GE65-160/157/A/BAQE/11/2MCE110/P	60147806	3 x 400V	11,0	15,0	23,44	MCE110/P	80	65	202
NKP-GE65-160/173/A/BAQE/15/2MCE150/P	60147807	3 x 400V	15,0	20,0	33,47	MCE150/P	80	65	212
NKP-GE80-160/147-127/A/BAQE/11/2MCE110/P	60147808	3 x 400V	11,0	15,0	24,09	MCE110/P	100	80	215
NKP-GE 80-160/153/A/BAQE/15/2 MCE150/P	60147809	3 x 400V	15,0	20,0	32,60	MCE150/P	100	80	221

KDNE 4 POLES WITH MCE/P

≅ 1450 1/min

MODEL	Q (m^3/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 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	

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER - FOR PRESSURIZATION SYSTEM

PERFORMANCE RANGE

KDNE 2 POLES WITH MCE/P

≅ 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		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	H (m)	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

KDNE WITH MCE/P

STANDARDISED CENTRIFUGAL PUMPS ON SKID WITH INVERTER

PRESSURIZATION

Standardised centrifugal pumps on skid with elastic coupling, electronics designed for a wide range of applications such as:

- homes;
- apartment blocks;
- camp sites;
- swimming pools;
- farms;
- well water supply;
- irrigation for greenhouses, gardens, agriculture;
- re-use of rainwater;
- industrial systems.

Highly versatile pumps thanks to the use of the DAB **MCE/P** inverter, to guarantee performance able to automatically adapt to the various system requirements, maintaining constant pressure. Pressure sensor included. Spiral single-stage body in cast iron according to DIN-EN 733 (ex DIN 24255), cast iron seal cover and motor support, flanges according to DIN 2533 (DIN 2532 for DN 200). Cast iron impeller, sealed and dynamically balanced with axial thrust compensation via balancing holes, operating (on request) on interchangeable wear rings. Pump shaft in stainless steel mounted on two generously sized ball bearings, permanently lubricated and housed in a special chamber inside the support. Standard seal: standardised mechanical seal according to DIN 24960 in carbon/silicon carbide with O-rings in EPDM. On request, packing seals are available, with hydraulic lubrication ring and gland in two easily removable parts. Sealed, asynchronous motor cooled by external ventilation; 2-pole or 4-pole. Rotor mounted on generously sized ball bearings to ensure silent and durable operation. Electrical protection: according to standards transposed into the ELECTROMAGNETIC COMPATIBILITY DIRECTIVE EEC 89/336 and subsequent amendments, LOW VOLTAGE DIRECTIVE EEC 73/23 and subsequent amendments and standards CEI 2-3.

Construction design: B3
Speed of rotation: 1450 - 2900 1/min.
Operating range: from 1 a 440 m^3/h with head up to 70 meters
Liquid temp. range: from -10°C to +140°C.
Pumped liquid: clean, free from solid or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral, characteristics similar to water.
Max. ambient temperature: +40°C
Maximum operating pressure: 16 bar - 1600 kPa (per il DN 200 max 10 bar).
Protection rating: IP 55
Thermal category: F
Flanging:
PN 16 DIN 2533
PN 10 DIN 2532 per DN 200
Installation: fixed horizontally.

MCE/P PAG. 3
ACCESSORIES PAG. 203

KDNE 4 POLES WITH MCE/P - FOR PRESSURIZATION SYSTEM

MODEL	CODE	ELECTRICAL DATA			MODEL MCE	DNA	DNM	WEIGHT KG
		VOLTAGE 50 Hz	P2 NOMINAL					
			kW	HP				
KDNE 40-250/240/A/BAQE/1/3/4 MCE30/P	60147840	3 x 400 V	3	4	MCE30/P	65	40	158
KDNE 40-250/250/A/BAQE/1/4/4 MCE55/P	60147841	3 x 400 V	4	5,5	MCE55/P	65	40	209
KDNE 50-250/263/A/BAQE/1/5,5/4 MCE55/P	60147850	3 x 400 V	5,5	7,5	MCE55/P	65	50	182
KDNE 65-250/240/A/BAQE/1/5,5/4 MCE55/P	60147857	3 x 400 V	5,5	7,5	MCE55/P	80	65	210
KDNE 65-250/263/A/BAQE/1/7,5/4 MCE110/P	60147858	3 x 400 V	7,5	10	MCE110/P	80	65	270
KDNE 65-315/260/A/BAQE/1/7,5/4 MCE110/P	60147859	3 x 400 V	7,5	10	MCE110/P	80	65	305
KDNE 65-315/290/A/BAQE/1/11/4 MCE110/P	60147860	3 x 400 V	11	15	MCE110/P	80	65	310
KDNE 65-315/320/A/BAQE/1/15/4 MCE150/P	60147861	3 x 400 V	15	20	MCE150/P	80	65	310
KDNE 80-250/230/A/BAQE/1/7,5/4 MCE110/P	60147863	3 x 400 V	7,5	10	MCE110/P	100	80	232
KDNE 80-250/260/A/BAQE/1/11/4 MCE110/P	60147864	3 x 400 V	11	15	MCE110/P	100	80	271
KDNE 80-250/270/A/BAQE/1/15/4 MCE150/P	60147865	3 x 400 V	15	20	MCE150/P	100	80	290
KDNE 80-315/290/A/BAQE/1/15/4 MCE150/P	60147866	3 x 400 V	15	20	MCE150/P	100	80	403
KDNE100-250/260/A/BAQE/1/15/4 MCE150/P	60147867	3 x 400 V	15	20	MCE150/P	125	100	313
KDNE100-315/275/A/BAQE/1/15/4 MCE150/P	60147868	3 x 400 V	15	20	MCE150/P	125	100	313

KDNE WITH MCE/P

STANDARDISED CENTRIFUGAL PUMPS ON SKID WITH INVERTER

KDNE 2 POLES WITH MCE/P - FOR PRESSURIZATION SYSTEM

MODEL	CODE	ELECTRICAL DATA			MODEL MCE	DNA	DNM	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL					
			kW	HP				
KDNE 32-125.1/130/A/BAQE/1/2.2/2 MCE22/P	60147810	1x220-240 V	2,2	3	MCE22/P	50	32	104
KDNE 32-125.1/140/A/BAQE/1/3/2 MCE30/P	60147815	3 x 400 V	3	4	MCE30/P	50	32	111
KDNE 32-125/125/A/BAQE/1/2,2/2 MCE22/P	60147816	1x220-240 V	2,2	3	MCE22/P	50	32	97
KDNE 32-125/130/A/BAQE/1/3/2 MCE30/P	60147817	3 x 400 V	3	4	MCE30/P	50	32	105
KDNE 32-125/142/A/BAQE/1/4/2 MCE55/P	60147818	3 x 400 V	4	5,5	MCE55/P	50	32	126
KDNE 32-160.1/137/A/BAQE/1/1,5/2 MCE15/P	60147819	1x220-240 V	1,5	2	MCE15/P	50	32	98
KDNE 32-160.1/145/A/BAQE/1/2,2/2 MCE22/P	60147820	1x220-240 V	2,2	3	MCE22/P	50	32	106
KDNE 32-160.1/153/A/BAQE/1/3/2 MCE30/P	60147821	3 x 400 V	3	4	MCE30/P	50	32	111
KDNE 32-160.1/177/A/BAQE/1/5,5/2 MCE55/P	60147822	3 x 400 V	5,5	7,5	MCE55/P	50	32	145
KDNE 32-160/145/A/BAQE/1/3/2 MCE30/P	60147823	3 x 400 V	3	4	MCE30/P	50	32	111
KDNE 32-160/161/A/BAQE/1/5,5/2 MCE55/P	60147824	3 x 400 V	5,5	7,5	MCE55/P	50	32	145
KDNE 32-160/177/A/BAQE/1/7,5/2 MCE110/P	60147825	3 x 400 V	7,5	10	MCE110/P	50	32	152
KDNE 32-200.1/170/A/BAQE/1/3/2 MCE30/P	60147827	3 x 400 V	3	4	MCE30/P	50	32	149
KDNE 32-200.1/190/A/BAQE/1/5,5/2 MCE55/P	60147826	3 x 400 V	5,5	7,5	MCE55/P	50	32	152
KDNE 32-200.1/207/A/BAQE/1/7,5/2 MCE110/P	60147828	3 x 400 V	7,5	10	MCE110/P	50	32	179
KDNE 32-200/180/A/BAQE/1/5,5/2 MCE55/P	60147829	3 x 400 V	5,5	7,5	MCE55/P	50	32	152
KDNE 32-200/200/A/BAQE/1/7,5/2 MCE110/P	60147830	3 x 400 V	7,5	10	MCE110/P	50	32	190
KDNE 32-200/210/A/BAQE/1/ 11/2 MCE110/P	60147831	3 x 400 V	11	15	MCE110/P	50	32	250
KDNE 32-200/219/A/BAQE/1/15/2 MCE150/P	60147832	3 x 400 V	15	20	MCE150/P	50	32	261
KDNE 40-125/142/A/BAQE/1/5,5/2 MCE55/P	60147833	3 x 400 V	5,5	7,5	MCE55/P	65	40	143
KDNE 40-160/145/A/BAQE/1/5,5/2 MCE55/P	60147834	3 x 400 V	5,5	7,5	MCE55/P	65	40	169
KDNE 40-160/161/A/BAQE/1/7,5/2 MCE110/P	60147835	3 x 400 V	7,5	10	MCE110/P	65	40	178
KDNE 40-160/177/A/BAQE/1/11/2 MCE110/P	60147836	3 x 400 V	11	15	MCE110/P	65	40	186
KDNE 40-200/180/A/BAQE/1/7,5/2 MCE110/P	60147837	3 x 400 V	7,5	10	MCE110/P	65	40	160
KDNE 40-200/200/A/BAQE/1/11/2 MCE110/P	60147838	3 x 400 V	11	15	MCE110/P	65	40	234
KDNE 40-200/219/A/BAQE/1/15/2 MCE150/P	60147839	3 x 400 V	15	20	MCE150/P	65	40	244
KDNE 40-250/220/A/BAQE/1/15/2 MCE150/P	60147842	3 x 400 V	15	20	MCE150/P	65	40	291
KDNE 50-125/139/A/BAQE/1/7,5/2 MCE110/P	60147843	3 x 400 V	7,5	10	MCE110/P	65	50	156
KDNE 50-125/144/A/BAQE/1/11/2 MCE110/P	60147844	3 x 400 V	11	15	MCE110/P	65	50	156
KDNE 50-160/145/A/BAQE/1/7,5/2 MCE110/P	60147845	3 x 400 V	7,5	10	MCE110/P	65	50	190
KDNE 50-160/161/A/BAQE/1/11/2 MCE110/P	60147846	3 x 400 V	11	15	MCE110/P	65	50	201
KDNE 50-160/177/A/BAQE/1/15/2 MCE150/P	60147847	3 x 400 V	15	20	MCE150/P	65	50	213
KDNE 50-200/180/A/BAQE/1/11/2 MCE110/P	60147848	3 x 400 V	11	15	MCE110/P	65	50	199
KDNE 50-200/190/A/BAQE/1/15/2 MCE150/P	60147849	3 x 400 V	15	20	MCE150/P	65	50	293
KDNE 65-125/130/A/BAQE/1/7,5/2 MCE110/P	60147851	3 x 400 V	7,5	10	MCE110/P	80	65	159
KDNE 65-125/144/A/BAQE/1/11/2 MCE110/P	60147852	3 x 400 V	11	15	MCE110/P	80	65	188
KDNE 65-160/137/A/BAQE/1/7,5/2 MCE110/P	60147853	3 x 400 V	7,5	10	MCE110/P	80	65	186
KDNE 65-160/153/A/BAQE/1/11/2 MCE110/P	60147854	3 x 400 V	11	15	MCE110/P	80	65	196
KDNE 65-160/169/A/BAQE/1/15/2 MCE150/P	60147855	3 x 400 V	15	20	MCE150/P	80	65	233
KDNE 65-200/170/A/BAQE/1/15/2 MCE150/P	60147856	3 x 400 V	15	20	MCE150/P	80	65	292
KDNE 80-160/153-136/A/BAQE/1/15/2 MCE150/P	60147862	3 x 400 V	15	20	MCE150/P	100	80	311

KVCE 30-50-80-120

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS WITH INVERTER MCE/P

CE

PRESSURIZATION

Vertical multistage centrifugal pump suitable for small and medium consumption water systems. Particularly versatile thanks to the use of the **MCE/P** inverter, this pump guarantees the automatic adjustment of its performance to the various system requirements, while maintaining constant the differential pressure. Suitable for booster sets, feeding of drip and spray irrigation systems and washing systems. Innovative and sturdy design. Discharge/suction body in technopolymer and IN-LINE suction and discharge ports with threaded metal insert.
Impellers, diffuser bodies and diffusers in technopolymer, entirely stainless.
Pump liner, wear rings and seal plate in AISI 304 stainless steel. Mechanical seal in carbon/ceramic, mounted on motor shaft extension in stainless steel AISI 303. Asynchronous, closed motor cooled by external ventilation. Motor shaft mounted on oversized greased sealed-for-life ball bearings to ensure silent running and long life.
Construction to CEI 2-3 and CEI 61-69 (EN 60335-2-41)

Protection rating: IP 55.
Insulation class: F.
Standard voltage:
single-phase 1x220-240 V / 50/60 Hz
three-phase 3x400 V / 50 Hz
Operating range:
from 1 to 12 m3/h with head up to 107 meters.
Pumped liquid: clean, free from solids or abrasive substances, 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 (Safety standards EN 60335-2-41).
from 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 PAG. 3
ACCESSORIES PAG. 203

KVCE 30-50-80-120 WITH MCE/P - FOR PRESSURIZATION SYSTEM

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA																		DNA GAS	DNM GAS	H mm	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	In A	Q=m³h	0	0,6	1,2	1,8	2,4	3	3,3	3,9	4,8	5,4	6	7,2	8,4	9,6	10,8	12				
						Q=l/min	0	10	20	30	40	50	55	65	80	90	100	120	140	160	180	200				
KVCE 35-30 M MCE11/P	60144866	1 x 230V	0,45	0,6	6,63		45,6	43,2	39,1	34,1	28,2	20,2	15,6										1"¼	1"¼	562	19,6
KVCE 45-30 M MCE11/P	60144867	1 x 230V	0,55	0,75	7,71		56,6	53,5	48,4	42,0	34,6	24,5	19,0										1"¼	1"¼	562	19,6
KVCE 50-30 M MCE11/P	60144868	1 x 230V	0,75	1,0	8,36		69,8	66,2	59,9	52,2	43,1	30,9	23,9										1"¼	1"¼	655	20,9
KVCE 60-30 M MCE11/P	60144869	1 x 230V	0,8	1,1	9,19		82,0	77,0	70,0	61,0	49,5	35,5	27,5										1"¼	1"¼	655	20,9
KVCE 70-30 M MCE11/P	60144870	1 x 230V	1,0	1,36	10,2		95,0	90,0	81,5	71,0	58,7	42,0	32,5										1"¼	1"¼	682	22,7
KVCE 30-50 M MCE11/P	60144871	1 x 230V	0,55	0,75	8,51		41,1	40,3	39,0	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	1 x 230V	0,8	1,1	10,2		54,9	53,7	52,0	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	1 x 230V	1,0	1,4	12		68,6	67,1	65,0	62,1	57,9	52,7	49,5	42,1	28,6								1"¼	1"¼	562	22,4
KVCE 65-50 M MCE15/P	60144874	1 x 230V	1,1	1,5	14,6		82,3	80,6	78,0	74,6	69,4	63,2	59,4	50,6	34,3								1"¼	1"¼	655	26,4
KVCE 75-50 M MCE15/P	60144875	1 x 230V	1,5	2,0	16,6		96,0	94,0	91,0	87,0	81,0	73,8	69,3	59,0	40,0								1"¼	1"¼	655	26,4
KVCE 30-80 M MCE11/P	60144876	1 x 230V	0,8	1,1	9,99		46,6	45,8	44,6	43,4	41,8	39,5	38,0	35,2	29,8	25,5	21,0	11,0					1"¼	1"¼	562	22,4
KVCE 40-80 M MCE11/P	60144877	1 x 230V	1,0	1,36	11,7		58,8	57,9	56,5	55,0	53,1	50,3	48,5	45,0	38,4	33,1	27,6	15,1					1"¼	1"¼	562	22,4
KVCE 45-80 M MCE15/P	60144878	1 x 230V	1,1	1,5	14,2		71,3	70,2	68,7	66,9	64,7	61,4	59,4	55,3	47,5	41,4	34,9	19,9					1"¼	1"¼	655	26,4
KVCE 55-80 M MCE15/P	60144879	1 x 230V	1,5	2,0	16		84,0	82,8	81,2	79,2	76,6	72,9	70,7	66,0	57,1	50,3	42,8	25,5					1"¼	1"¼	655	26,4
KVCE 65-80 M MCE22/P	60144880	1 x 230V	2,2	3,0	18		97,0	95,7	94,0	91,8	88,9	84,7	82,5	77,2	67,3	59,9	51,5	32,0					1"¼	1"¼	680	27,4
KVCE 35-120 M MCE15/P	60144881	1 x 230V	1,1	1,5	16		46,2	46,1	45,7	45,3	44,8	44,0	43,7	42,7	40,9	39,3	37,4	33,7	29,4	24,2	18,0	11,0	1"¼	1"¼	505	23,8
KVCE 45-120 M MCE22/P	60144882	1 x 230V	1,84	2,5	19,5		62,4	62,0	61,4	60,8	60,1	59,1	58,6	57,5	55,3	53,4	51,4	46,2	40,6	34,0	26,3	17,0	1"¼	1"¼	635	29,0
KVCE 60-120 T MCE30P	60144883	3 x 400V	2,2	3,0	6,91		78,0	77,5	76,7	75,9	75,1	73,9	73,3	71,5	68,3	65,9	63,2	58,0	51,0	43,4	35,0	24,5	1"¼	1"¼	635	27,1
KVCE 70-120 T MCE30/P	60144884	3 x 400V	2,2	3,0	8,26		95,0	94,3	93,4	92,5	91,4	89,8	88,9	86,8	83,2	80,5	77,9	71,7	63,9	54,7	44,0	31,0	1"¼	1"¼	730	30,8
KVCE 85-120 T MCE30/P	60144885	3 x 400V	2,2	3,0	9,18		112,7	111,6	110,3	109,0	107,6	105,7	104,5	101,9	97,5	94,1	89,9	81,6	72,1	61,2	48,9	34,0	1"¼	1"¼	730	30,8

H (m)

KVE 3-6-10

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS WITH INVERTER MCE/P

CE

PRESSURIZATION

Vertical multistage centrifugal pump suitable for small and medium consumption water systems. Particularly versatile thanks to the use of the **MCE/P** inverter, this pump guarantees the automatic adjustment of its performance to the various system requirements, while maintaining constant the differential pressure. Suitable for booster sets, feeding of drip and spray irrigation systems and washing systems. Corrosion treated cast iron discharge and suction bodies. Impellers, diffuser bodies and diffusers in technopolymer. Pump liner, shaft with relative sliding bush and wear rings in stainless steel. Bronze sliding bush guide, self-lubricated by the pumped liquid. Carbon/ceramic mechanical seal. Motor shaft - pump shaft connection with rigid coupling. Asynchronous, closed motor cooled by external ventilation. Threaded counter flanges supplied as standard.

Protection rating: IP 55.
Insulation class: F.
Standard voltage:
single-phase 1x220-240 V / 50/60 Hz
three-phase 3x400 V / 50 Hz
Operating range:
from 1.8 to 13.5 m3/h with head up to 139 meters.
Liquid temperature range:
from 0°C to +35°C for domestic use
from -15°C to 110°C for other uses.
Pumped liquid: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallized and chemically neutral.
Maximum ambient temperature: + 40°C.
Maximum working pressure: 18 bar (1800 kPA).
Protection rating: IP 55.
Insulation class: F.
Installation: fixed, in a vertical position.

MCE/P PAG. 3
ACCESSORIES PAG. 203

KVE 3-6-10 WITH MCE/P - FOR PRESSURIZATION SYSTEM

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA										DNA GAS	DNM GAS	H mm	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		In	Q=m³h	0	1,8	3,6	5,4	7,2	8,4	10,2	12	13,8				
			kW	HP	A	Q=l/min	0	30	60	90	120	140	170	200	230				
KVE 3/10 M MCE11/P	60144886	1 x 230V	1,1	1,5	13,5	H (m)	88	77	63,5	45,7	21					1,¼"	1¼"	779	30,7
KVE 3/12 M MCE15/P	60144887	1 x 230V	1,5	2	15,4		105,6	92,4	76,2	54,8	25,2					1¼"	1¼"	843	32,4
KVE 3/15 MCE22/P	60144888	1 x 230V	1,85	2,5	18,2		132	115,5	95,3	68,6	31,5					1¼"	1¼"	1013	36,3
KVE 3/18 T MCE30/P	60144889	3 x 400V	2,2	3	7,06		158,4	138,6	114,3	82,3	37,8					1¼"	1¼"	1109	40,2
KVE 6/7 M MCE11/P	60144890	1 x 230V	1,1	1,5	12,7		62,3	57,8	51,5	42,5	29,5	18,6				1¼"	1¼"	683	29,6
KVE 6/9 M MCE15/P	60144891	1 x 230V	1,5	2	15,5		80,1	74,3	66,2	54,6	38	23,9	16,4	12,0		1¼"	1¼"	747	31,2
KVE 6/11 M MCE15/P	60144892	1 x 230V	1,84	2,5	17,8		97,9	90,8	81	66,8	46,4	29,2	24,2	18,0		1¼"	1¼"	885	32,1
KVE 6/15 T MCE30/P	60144893	3 x 400V	2,2	3	7,41		133,5	123,8	110,4	91,1	63,3	39,8	34,0	26,3		1¼"	1¼"	1013	38,9
KVE 10/4 M MCE15/P	60144894	1 x 230V	1,1	1,5	16,3		38,2	37,4	36,2	34,4	32	29,7	25,5	20	12,6	1¼"	1¼"	587	27,5
KVE 10/5 M MCE15/P	60144895	1 x 230V	1,5	2	17,3		47,8	46,8	45,2	43	40	37,2	31,9	25	15,8	1¼"	1¼"	619	29
KVE 10/6 M MCE22/P	60144896	1 x 230V	1,84	2,5	20,2		57,3	56,1	54,2	51,6	48	44,6	38,2	30	18,9	1¼"	1¼"	725	32,3
KVE 10/8 T MCE30/P	60144897	3 x 400V	2,2	3	8,01		76,4	74,8	72,3	68,8	64	59,4	51	40	25,2	1¼"	1¼"	789	34,5

NKVE 10-15-20

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS WITH INVERTER MCE/P

CE

PRESSURIZATION

Vertical multistage centrifugal pump suitable for medium and high consumption water systems. Particularly versatile thanks to the use of the **MCE/P** inverter, this pump guarantees the automatic adjustment of its performance to the various system requirements, while maintaining constant the differential pressure. All parts in contact with liquid are stainless. Pump body interior in AISI 304 stainless steel and ULTEM, impellers, jacket in AISI 304 stainless steel. Pump body exterior in cast iron with electrophoresis treatment, spider in cast iron. "Cartridge" type maintenance-free Silicon/Silicon mechanical seal. Motor-pump connection with rigid coupling.

Protection rating: IP 55.
Insulation class: F.
Standard voltage:
single-phase 1x220-240 V / 50/60 Hz
three-phase 3x400 V / 50 Hz
Operating range:
from 4 to 29 m3/h with head up to 244 meters.
Pumped liquid: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral, close to the properties of water.
Liquid temperature range: from -15°C to +120°C.
Maximum ambient temperature: +40°C.
Maximum working pressure: 25 bar (2500kPa).
Installation: fixed, in a vertical position.

MCE/P PAG. 3
ACCESSORIES PAG. 203

NKVE 10 WITH MCE/P - FOR PRESSURIZATION SYSTEM

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA						DNA	DNM	H mm	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		In A	Q=m³h	0	4	8	10	12				
			kW	HP		Q=l/min	0	66	132	167	200				
NKVE 10/2 M MCE11/P	60144900	1 x 230V ~	0,75	1	7,17		20,2	20	18,3	15,8	12,5	DN 40	DN 40	623,2	47,8
NKVE 10/3 M MCE11/P	60144901	1 x 230V ~	1,1	1,5	9,92		30,3	31	27,5	23,6	18,8	DN 40	DN 40	656,2	49,3
NKVE 10/4 M MCE11/P	60144902	1 x 230V ~	1,5	2	12,74		40,4	41	36,7	31,5	25,1	DN 40	DN 40	704,2	54,2
NKVE 10/5 M MCE15/P	60144903	1 x 230V ~	2,2	3	15,30		50,5	51	45,8	39,4	31,3	DN 40	DN 40	762,2	59,0
NKVE 10/6 M MCE15/P	60144904	1 x 230V ~	2,2	3	17,51		60,5	61	55,0	47,3	37,6	DN 40	DN 40	795,2	59,9
NKVE 10/7 T MCE30/P	60144905	3 x 400 V ~	3,0	4	6,06		70,6	72	64,2	55,1	43,8	DN 40	DN 40	875,2	73,3
NKVE 10/8 T MCE30/P	60144906	3 x 400 V ~	3,0	4	6,54		80,7	82	73,3	63,0	50,1	DN 40	DN 40	908,2	74,2
NKVE 10/9 T MCE30/P	60144907	3 x 400 V ~	3,0	4	7,13	H (m)	90,8	92	82,5	70,9	56,4	DN 40	DN 40	941,2	75,1
NKVE 10/10 T MCE30/P	60144908	3 x 400 V ~	4,0	5,5	8,66		100,9	102	91,7	78,8	62,6	DN 40	DN 40	989,2	84,9
NKVE 10/12 T MCE55/P	60144909	3 x 400 V ~	4,0	5,5	10,08		121,1	123	110,0	94,5	75,2	DN 40	DN 40	1055,2	86,5
NKVE 10/14 T MCE55/P	60144910	3 x 400 V ~	5,5	7,5	11,78		141,3	143	128,3	110,3	87,7	DN 40	DN 40	1250,6	115,1
NKVE 10/16 T MCE55/P	60144911	3 x 400 V ~	5,5	7,5	13,17		161,5	164	146,7	126,0	100,2	DN 40	DN 40	1316,6	116,8
NKVE 10/18 T MCE55/P	60144912	3 x 400 V ~	7,5	10	14,72		181,6	184	165,0	141,8	112,7	DN 40	DN 40	1382,6	129,6
NKVE 10/20 T MCE55/P	60144913	3 x 400 V ~	7,5	10	16,05		201,8	205	183,3	157,5	125,3	DN 40	DN 40	1448,6	131,2
NKVE 10/22 T MCE110/P	60144914	3 x 400 V ~	7,5	10	17,29		222	225	202	173,3	137,8	DN 40	DN 40	1514,6	132,9

NKVE 10-15-20

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS WITH INVERTER MCE/P

NKVE 15-20 WITH MCE/P - FOR PRESSURIZATION SYSTEM

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA													DNA	DNM	H mm	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		In A	Q=m³h	0	4	8	10	12	14	16	18	20	22	24	26	29				
			kW	HP		Q=l/min	0	66	132	167	200	233	264	300	334	367	400	433	483				
NKVE 15/2 M MCE15/P	60144915	1 x 230V ~	2,2	3	14,49		27,2	26,7	26	26,1	25,5	24,5	23,2	21,6	19,8	17,4	14,6			DN 50	DN 50	717,9	59,1
NKVE 15/3 T MCE30/P	60144916	3 x 400 V ~	3,0	4	6,06		40,8	40,0	40	39,1	38,3	36,8	34,8	32,5	29,7	26,1	21,9			DN 50	DN 50	814,4	72,5
NKVE 15/4 T MCE30/P	60144917	3 x 400 V ~	4,0	5,5	7,95		54,4	53,4	53	52,1	51,0	49,0	46,4	43,3	39,6	34,8	29,2			DN 50	DN 50	878,9	82,7
NKVE 15/5 T MCE55/P	60144918	3 x 400 V ~	4,0	5,5	9,77		68,0	66,7	66	65,2	63,8	61,3	58,1	54,1	49,5	43,5	36,5			DN 50	DN 50	928,4	84,0
NKVE 15/6 T MCE55/P	60144919	3 x 400 V ~	5,5	7,5	10,97		81,6	80,1	79	78,2	76,5	73,6	69,7	64,9	59,4	52,2	43,8			DN 50	DN 50	1107,3	112,2
NKVE 15/7 T MCE55/P	60144920	3 x 400 V ~	5,5	7,5	12,84		95,2	93,4	92	91,2	89,3	85,8	81,3	75,8	69,3	60,9	51,1			DN 50	DN 50	1156,8	113,4
NKVE 15/8 T MCE55/P	60144921	3 x 400 V ~	7,5	10	14,74		108,8	106,8	106	104,3	102,0	98,1	92,9	86,6	79,2	69,6	58,4			DN 50	DN 50	1206,3	125,7
NKVE 15/9 T MCE55/P	60144922	3 x 400 V ~	7,5	10	16,30		122,4	120,1	119	117,3	114,8	110,3	104,5	97,4	89,1	78,4	65,7			DN 50	DN 50	1255,8	127,0
NKVE 15/10 T MCE110/P	60144923	3 x 400 V ~	11,0	15	18,82		136,0	133,5	132	130,4	127,5	122,6	116,1	108,2	99,0	87,1	73,0			DN 50	DN 50	1449,5	183,2
NKVE 15/12 T MCE110/P	60144924	3 x 400 V ~	11,0	15	21,94		163,2	160,2	158	156,4	153,0	147,1	139,3	129,9	118,8	104,5	87,6			DN 50	DN 50	1548,5	185,7
NKVE 15/14 T MCE110/P	60144925	3 x 400 V ~	11,0	15	25,04		190,4	186,9	185	182,5	178,5	171,6	162,6	151,5	138,6	121,9	102,2			DN 50	DN 50	1647,5	188,2
NKVE 15/16 T MCE110/P	60144926	3 x 400 V ~	15,0	20	29,13		217,6	213,6	211	208,6	204,0	196,1	185,8	173,2	158,4	139,3	116,8			DN 50	DN 50	1746,5	198,7
NKVE 15/17 T MCE150/P	60144927	3 x 400 V ~	15,0	20	30,54	H (m)	231,2	226,9	225	221,6	216,7	208,4	197,4	184	168,3	148	124,1			DN 50	DN 50	1796	199,9
NKVE 20/2 M MCE15/P	60144928	1 x 230V ~	2,2	3	17,58		29,3	28,8	28,8	28,6	28	27,6	26,9	25,9	24,6	22,9	21,2	19,1	15,8	DN 50	DN 50	717,9	49,4
NKVE 20/3 T MCE30/P	60144929	3 x 400 V ~	4,0	5,5	7,81		43,9	43,2	43,1	42,9	42	41,5	40,4	38,8	36,9	34,4	31,8	28,7	23,6	DN 50	DN 50	829,4	67,8
NKVE 20/4 T MCE55/P	60144934	3 x 400 V ~	5,5	7,5	10,26		58,6	57,6	57,5	57,2	56	55,3	53,8	51,8	49,2	45,9	42,4	38,2	31,5	DN 50	DN 50	1008,3	81,8
NKVE 20/5 T MCE55/P	60144935	3 x 400 V ~	5,5	7,5	11,68		73,2	71,9	71,9	71,5	71	69,1	67,3	64,7	61,5	57,4	52,9	47,8	39,4	DN 50	DN 50	1057,8	83,8
NKVE 20/6 T MCE55/P	60144936	3 x 400 V ~	7,5	10	14,38		87,9	86,3	86,3	85,8	85	82,9	80,7	77,7	73,8	68,8	63,5	57,4	47,3	DN 50	DN 50	1107,3	95,9
NKVE 20/7 T MCE55/P	60144937	3 x 400 V ~	7,5	10	16,07		102,5	100,7	100,6	100,1	99	96,8	94,2	90,6	86,1	80,3	74,1	66,9	55,2	DN 50	DN 50	1156,8	96,9
NKVE 20/8 T MCE110/P	60144938	3 x 400 V ~	11,0	15	19,13		117,2	115,1	115,0	114,4	113	110,6	107,6	103,6	98,4	91,8	84,7	76,5	63,1	DN 50	DN 50	1350,5	128,9
NKVE 20/9 T MCE110/P	60144930	3 x 400 V ~	11,0	15	20,74		131,8	129,5	129,4	128,8	127	124,4	121,1	116,5	110,8	103,2	95,3	86,0	70,9	DN 50	DN 50	1400	129,9
NKVE 20/10 T MCE110/P	60144931	3 x 400 V ~	11,0	15	23,26		146,5	143,9	143,8	143,1	141	138,2	134,5	129,5	123,1	114,7	105,9	95,6	78,8	DN 50	DN 50	1449,5	140,9
NKVE 20/12 T MCE110/P	60144932	3 x 400 V ~	15,0	20	27,87		175,8	172,7	172,5	171,7	169	165,9	161,4	155,4	147,7	137,6	127,1	114,7	94,6	DN 50	DN 50	1548,5	153,9
NKVE 20/14 T MCE150/P	60144933	3 x 400 V ~	15,0	20	31,97		205,1	201,4	201,3	200,3	198	193,5	188,3	181,3	172,3	160,6	148,2	133,8	110,4	DN 50	DN 50	1647,5	155,9

NKVE 32-45-65-95

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS WITH INVERTER MCE/P

CE

PRESSURIZATION

Vertical multistage centrifugal pump suitable for medium and high consumption water systems. Particularly versatile thanks to the use of the **MCE/P** inverter, this pump guarantees the automatic adjustment of its performance to the various system requirements, while maintaining constant the differential pressure. All parts in contact with liquid are stainless. Pump body interior in AISI 304 stainless steel and ULTEM, impellers, jacket in AISI 304 stainless steel. Pump body exterior in cast iron with electrophoresis treatment, spider in cast iron. "Cartridge" type maintenance-free Silicon/Silicon mechanical seal. Motor-pump connection with rigid coupling.

Protection rating: IP 55.
Insulation class: F.
Standard voltage:three-phase 3x400 V / 50 Hz
Operating range:
from 4 to 29 m3/h with head up to 244 meters.
Pumped liquid: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral, close to the properties of water.
Liquid temperature range: from -15°C to +120°C.
Maximum ambient temperature: +40°C.
Maximum working pressure:
25 bar (2500kPa) NKV 65-95
32 bar (3200kPa) NKV 32-45
Installation: fixed, in a vertical position..
version on request: 60 Hz.

ACCESSORIES PAG. 203

NKVE 32 WITH MCE/P

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA										DNA	DNM	H mm	KG
		VOLTAGE 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				
NKVE 32/2 T MCE 55/P	60165361	3 x 400 V ~	5,5	7,5	13,1	H (m)	48,5	43,5	42,5	41	39,5	36,5	33,5	29	23,5	DN 65	DN 65	630	148
NKVE 32/3-2 T MCE 55/P	60165362	3 x 400 V ~	5,5	7,5	13,1		60	54,5	53	50,5	48	44	38	31,5	23,5	DN 65	DN 65	630	152
NKVE 32/3 T MCE 110/P	60165363	3 x 400 V ~	7,5	10	17,6		73	65	63,5	61	59	55	50	43,5	35,5	DN 65	DN 65	630	163
NKVE 32/4 T MCE 110/P	60165365	3 x 400 V ~	11	15	25,5		98	88	86	83	80,5	75	69	60	49,5	DN 65	DN 65	630	218
NKVE 32/5-2 T MCE 110/P	60165367	3 x 400 V ~	11	15	25,5		109,5	99,5	97	93	89,5	83	74	63	49,5	DN 65	DN 65	630	222
NKVE 32/5 T MCE 150/P	60165368	3 x 400 V ~	15	20	34		122,5	109,5	107	103,5	100	93,5	85,5	75	61,5	DN 65	DN 65	630	236
NKVE 32/6 T MCE 150/P	60165369	3 x 400 V ~	15	20	34		146,5	131	128	123,5	119,5	111,5	102	89	73	DN 65	DN 65	750	240
NKVE 32/7-2 T MCE 150/P	60165370	3 x 400 V ~	15	20	34		158	142,5	139	133,5	128,5	119	107	91,5	72,5	DN 65	DN 65	750	244

NKVE 45 WITH MCE/P

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA													DNA	DNM	H mm	KG
		VOLTAGE 50 Hz	P2 NOMINAL		In A	Q=m³/h	0	15	18	22	25	30	35	40	45	54	60	65	70				
			kW	HP		Q=l/min	0	250	300	367	417	500	583	667	750	900	1000	1083	1166				
NKVE 45/2-2 T MCE 55/P	60165371	3 x 400 V ~	5,5	7,5	13,1	H (m)	38,5	37,5	37	36,5	35,5	34,5	33	31	28,5	23	18,5	14,5	10	DN 80	DN 80	630	154
NKVE 45/2 T MCE 110/P	60165372	3 x 400 V ~	7,5	10	17,6		48,5	47,5	47	46	45,5	44	43	41,5	39	34	30,5	26,5	23	DN 80	DN 80	630	165
NKVE 45/3 T MCE 110/P	60165373	3 x 400 V ~	11	15	25,5		73,5	72	71	70	69	67	65,5	63	60	52,5	47	41	34	DN 80	DN 80	630	220
NKVE 45/4 T MCE 150/P	60165375	3 x 400 V ~	15	20	34		97,5	96	94,5	93	91,5	89	86,5	84	79,5	69,5	62	54,5	45	DN 80	DN 80	630	238

NKVE 32-45-65-95

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS WITH INVERTER MCE/P

NKVE 65 WITH MCE/P

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA										DNA	DNM	H mm	KG
		VOLTAGE 50 Hz	P2 NOMINAL		In A	Q=m³/h	0	30	36	42	45	54	60	72	78	85				
			kW	HP		Q=l/min	0	500	600	700	750	900	1000	1200	1300	1417				
NKVE 65/2-2 T MCE 110/P	60168544	3 x 400 V ~	7,5	10	17,6	H (m)	39	37,5	36,5	35,5	35	33	31	25	22	17,5	DN 100	DN 100	1485	120
NKVE 65/2 T MCE 110/P	60168545	3 x 400 V ~	11	15	25,5		56,5	51	49,5	48,5	48	46	45	41	38,5	34,5	DN 100	DN 100	1620	190
NKVE 65/3-2 T MCE 150/P	60168546	3 x 400 V ~	15	20	34		67,5	63,5	62	60,5	59,5	56,5	54	46,5	42	35,5	DN 100	DN 100	1712	210

NKVE 95 WITH MCE/P

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA										DNA	DNM	H mm	KG
		VOLTAGE 50 Hz	P2 NOMINAL		In A	Q=m³/h	0	45	54	60	72	78	85	96	108	118				
			kW	HP		Q=l/min	0	750	900	1000	1200	1300	1417	1600	1800	1967				
NKVE 95/2-2 T MCE 110/P	60168547	3 x 400 V ~	11	15	25,5	H (m)	44,5	43	42	41	38,5	36,5	34	28,5	21,5	15	DN 100	DN 100	1620	221
NKVE 95/2 T MCE 150/P	60168548	3 x 400 V ~	15	20	34		62	55,5	53	51,5	49	47,5	45	41	35	28,5	DN 100	DN 100	1620	235

NKM-GE 4 POLES WITH MCE/C

≅ 1450 1/min

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
	kW	HP		0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900
NKM-GE 32-125.1/140/A/BAQE/0.25/4 M MCE11/C	0.25	0.33		6.2	5.8	4.2															
NKM-GE 32-125/142/A/BAQE/ 0.37/4 M MCE11/C	0.37	0.5		7	6.75	5.85	4.2														
NKM-GE 32-160.1/169/A/BAQE/0.37/4 M MCE11/C	0.37	0.5		8.9	8.2	4.6															
NKM-GE 32-160/169/A/BAQE/0,55/4 M MCE11/C	0.55	0.75		9.4	9	7.9	5.6														
NKM-GE 32-200.1/200/A/BAQE/0,55/4 M MCE11/C	0.55	0.75		12.7	11.2	7.2															
NKM-GE 32-200/219/A/BAQE/1,1/4 M MCE11/C	1.1	1.5		16	15.4	14.3	12.2														
NKM-GE 40-125/142/A/BAQE/0.55/4 M MCE11/C	0.55	0.75		6.6	6.5	6.2	5.7	4.8													
NKM-GE 40-160/166/A/BAQE/0.75/4 M MCE11/C	0.75	1		9.2	9.2	9	8.4	7.4	5.7												
NKM-GE 40-200/219/A/BAQE/1,5 /4 M MCE15/C	1.5	2		15.6	15.6	15.3	14.7	13.4	11.8	9.8											
NKM-GE 40-250/260/A/BAQE/3/4 T MCE30/C	3	4		23.3	23.1	22.8	22.2	20.8	19												
NKM-GE 50-125/141/A/BAQE/0.75/4 M MCE11/C	0.75	1	H (m)	6.5		6.3	6.1	5.8	5.5	5	4.5	3.9									
NKM-GE 50-160/177/A/BAQE/1,5/4 M MCE15/C	1.5	2		10.7		10.7	10.7	10.5	10.2	9.8	9.2	8.3									
NKM-GE 50-200/219/A/BAQE/ 3 /4 T MCE30/C	3	4		16.8		16.8	16.5	16.1	15.5	14.6	13.6	12.4	10.9								
NKM-GE 50-250/263/A/BAQE/4/4 T MCE30/C	4	5.5		23.8		23.8	23.8	23.4	22.7	21.6	20.4	19	17.1								
NKM-GE 65-125/144A/BAQE/1.1/4 M MCE11/C	1.1	1.5		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/A/BAQE/1,1/4 M MCE11/C	1.1	1.5		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/A/BAQE/2,2/4 M MCE22/C	2.2	3		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/A/BAQE/ 3 /4 T MCE30/C	3	4		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/A/BAQE/ 4/4 T MCE30/C	4	5.5		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/A/BAQE/5,5/4 T MCE55/C	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-GE 65-315/309/A/BAQE/11/4 T MCE110/C	11	15		34.2							33.2	33	32.5	32	31.5	30.7	29.8	29	28	25	21.7

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	270	300	330	360	390	420
	kW	HP		0	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 80-160/163/A/BAQE/2,2/4 M MCE22/C	2.2	3		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/A/BAQE/3/4 T MCE30/C	3	4		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/A/BAQE/5,5/4 T MCE55/C	5.5	7.5		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/A/BAQE/11/4 T MCE110/C	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-GE 80-315/305/A/BAQE/15/4 T MCE150/C	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-GE 100-200/200/A/BAQE/5.5/4 T MCE55/C	5.5	7.5	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								
NKM-GE 100-200/214A/BAQE/7.5/4 T MCE110/C	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							
NKM-GE 100-250/250/A/BAQE/11/4 T MCE110/C	11	15		21.1						21	21	21	21	21	21	20.9	20	19.8	18	16								
NKM-GE 100-250/270/A/BAQE/15/4 T MCE150/C	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-GE 125-250/243/A/BAQE/15/4 T MCE150/C	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		
NKM-GE 150-200/218/A/BAQE/11/4 T MCE110/C	11	15		13.2												13.1	13	13	12.8	12.5	12.1	11.5	11	10.4	9.7	9	8	7

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER FOR CIRCULATING SYSTEM

PERFORMANCE RANGE

NKP-GE 2 POLES WITH MCE/C

≅ 2900 1/min

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
NKP-GE 32-125.1/115/A/BAQE/1.1/2 M MCE11/C	1.1	1.5		17.2	17	15	12.5																		
NKP-GE 32-125.1/125/A/BAQE/1.5/2 M MCE11/C	1.5	2		21	20.8	19	16.8																		
NKP-GE 32-125.1/140/A/BAQE/2.2/2 M MCE15/C	2.2	3		27	26.9	25.9	23	19.5																	
NKP-GE 32-125/110/A/BAQE/1.1/2 M MCE11/C	1.1	1.5		15.8	15.2	14.5	12.9	9.9																	
NKP-GE 32-125/120/A/BAQE/1.5/2 M MCE11/C	1.5	2		19.3	18.9	18.2	16.8	14.5																	
NKP-GE 32-125/130/A/BAQE/2.2/2 M MCE15/C	2.2	3		23.6	23.1	23	21.6	19.6	16.8																
NKP-GE 32-125/142/A/ BAQE/3/2 T MCE30/C	3	4		28.6	28	27.6	26.5	24.6	21.8	17.9															
NKP-GE 32-160.1/166/A/BAQE/3/2 T MCE30/C	3	4		35.3	35	33	28																		
NKP-GE 32-160/151/A/BAQE/3/2 T MCE30/C	3	4		30.5	30	29	27	24	19.5																
NKP-GE 32-160/177/A/ BAQE/5,5/2 T MCE55/C	5.5	7.5		43.5	43.2	42.6	41.5	39	36	31.5	25.5														
NKP-GE 32-200.1/205/A/BAQE/5,5/2 T MCE55/C	5.5	7.5		56.6	55.7	52	45.8	36.2																	
NKP-GE 32-200/190/A/BAQE/5.5/2 T MCE55/C	5.5	7.5		46.9	46.5	45	43	40	35	29															
NKP-GE 32-200/210/A/BAQE/7.5/2 T MCE110/C	7.5	10		58.8	58	57	56	53	49	44															
NKP-GE 40-125/107/A/BAQE/1.5/2 M MCE11/C	1.5	2		14.7	14.5	14.3	13.8	13	11.8	10.5	8.6	7													
NKP-GE 40-125/120/A/BAQE/2.2/2 M MCE22/C	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 T MCE30/C	3	4	H (mt)	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 T MCE55/C	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/5,5/2 T MCE55/C	5.5	7.5		33.7			34	33.4	32.4	31	29.5	27	24												
NKP-GE 40-160/172/A/BAQE/7,5/2 T MCE110/C	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 T MCE110/C	11	15		57.1	57	57	56.8	56.5	56	55	53	50	47	43.5	39										
NKP-GE 40-250/230/A/BAQE/15/2 T MCE150/C	15	20		72.5			72.5	72	70	68	66	62.5	60	56	51.5										
NKP-GE 50-125/115/A/BAQE/3/2 T MCE30/C	3	4		17				16.5	16	15.5	15	14.5	13.7	13	12	11	10	9							
NKP-GE 50-125/135/A/BAQE/5,5/2 T MCE55/C	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-GE 50-125/144/A/BAQE/7,5/2 T MCE110/C	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-GE 50-160/169/A/BAQE/11/2 T MCE110/C	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 T MCE150/C	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/5,5/2 T MCE55/C	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-GE 65-125/137/A/BAQE/7,5/2 T MCE110/C	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-GE 65-160/157/A/BAQE/11/2 T MCE110/C	11	15		32.5								32.3	32	31.9	31.3	30.2	30	29.2	28.7	27	24.8	23.6			
NKP-GE 65-160/173/A/BAQE/15/2 T MCE150/C	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-GE 80-160/147-127/A/BAQE/11/2 T MCE110/C	11	15		24															22	21.4	20.4	20	17.4	16.8	12
NKP-GE 80-160/153/A/BAQE/15/2 T MCE150/C	15	20		30.5															29	28.4	27.5	27	24.5	21.3	18.3

NKM-GE / NKP-GE WITH MCE/C

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER

CE

HEATING, AIR-CONDITIONING AND INDUSTRIAL APPLICATION

Enbloc electric centrifugal pumps with coupling, designed for a wide range of applications such as:
- Circulation of hot water for heating.
- Circulation of cold water for air conditioning.
- Circulation of cold water for cooling.

Highly versatile pumps thanks to the use of the **MCE/C** inverter, to guarantee performance able to automatically adapt to the various system requirements, while maintaining constant differential pressure. Spiral single-stage body in cast iron according to DIN-EN 733 (ex DIN 24255), cast iron support, flanges according to DIN 2533 and DIN 2532 for DN 200. Cast iron impeller, sealed and dynamically balanced with compensation of the axial thrust via balancing holes, operating (on request) on interchangeable wear rings.
Pump shaft in AISI 304 stainless steel. Seal: standardised mechanical seal according to DIN 24960 in carbon/silicon carbide with O-rings in EPDM. Asynchronous, closed motor cooled by external ventilation, construction design B3/B5, 2-pole for NKPGE and 4-pole for NKM-GE. Rotor mounted on generously sized ball bearings to ensure silent and durable operation.

Speed of rotation: 1450 - 2900 1/min.
Operating range: from 1 a 450 m^3/h head up to 72 metri.
Liquid temp. range: from -10°C to +140°C.
Pumped liquid: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral and close to the characteristics of water. **Installation:** normally horizontal or vertical provided the motor is always above the pump.
Max. ambient temperature: +40°C
Maximum operating pressure: 16 bar - 1600 kPa (for DN 200 max. 10 bar).
Protection rating: IP 55
Insulation class: F
Flanging: PN 16 DIN 2533
Special versions on request:
Pumps for liquids other than water.
Other voltages and/or frequencies.
Inverter modulation with 0-10V signal

MCE/C PAG. 2
ACCESSORIES PAG. 203

NKM-GE 4 POLES WITH MCE/C - FOR CIRCULATING SYSTEM

MODEL	FLANGE DIMENS. (mm)		VOLTAGE 50/60 Hz - 1x230 ~ V						VOLTAGE 50 Hz - 3x400 ~ V					
	DNA	DNM	CODE	MODEL MCE	P2 NOMINAL kW	P2 NOMINAL HP	In A	WEIGHT (Kg)	CODE	MODEL MCE	P2 NOMINAL kW	P2 NOMINAL HP	In A	WEIGHT (Kg)
NKM-GE 32-125.1/140	50	32	60142859	MCE11/C	0,25	0,33	4,7	36						
NKM-GE 32-125/142	50	32	60143037	MCE11/C	0,37	0,50	5,5	39						
NKM-GE 32-160.1/169	50	32	60143038	MCE11/C	0,37	0,50	5,5	38						
NKM-GE 32-160/169	50	32	60142862	MCE11/C	0,55	0,75	6,9	46						
NKM-GE 32-200.1/200	50	32	60142863	MCE11/C	0,55	0,75	6,9	55						
NKM-GE 32-200/219	50	32	60142865	MCE11/C	1,10	1,50	10,4	66	60147393	MCE30/C	1,10	1,50	t.b.d.	68,6
NKM-GE 40-125/142	65	40	60142868	MCE11/C	0,55	0,75	6,9	51						
NKM-GE 40-160/166	65	40	60142870	MCE11/C	0,75	1,00	9,9	54	60147395	MCE30/C	0,75	1,00	2,7	56,6
NKM-GE 40-200/219	65	40	60142872	MCE15/C	1,50	2,00	14,0	70	60147396	MCE30/C	1,50	2,00	t.b.d.	72,6
NKM-GE 40-250/260	65	40							60142874	MCE30/C	3,00	4,00	7,2	98
NKM-GE 50-125/141	65	50	60142877	MCE11/C	0,75	1,00	9,7	55	60147397	MCE30/C	0,75	1,00	t.b.d.	57,6
NKM-GE 50-160/177	65	50	60142879	MCE15/C	1,50	2,00	13,7	64	60147398	MCE30/C	1,50	2,00	4,4	66,6
NKM-GE 50-200/219	65	50							60142881	MCE30/C	3,00	4,00	6,7	90
NKM-GE 50-250/263	65	50							60142882	MCE30/C	4,00	5,50	9,4	105
NKM-GE 65-125/144	80	65	60142884	MCE11/C	1,10	1,50	10,9	65	60147400	MCE30/C	1,10	1,50	t.b.d.	67,6
NKM-GE 65-160/153	80	65	60142886	MCE11/C	1,10	1,50	11,2	67	60147401	MCE30/C	1,10	1,50	3,5	69,6
NKM-GE 65-160/177	80	65	60142891	MCE22/C	2,20	3,00	17,3	80	60147402	MCE30/C	2,20	3,00	5,8	82,6
NKM-GE 65-200/210	80	65							60142892	MCE30/C	3,00	4,00	7,8	97
NKM-GE 65-200/219	80	65							60142893	MCE30/C	4,00	5,50	8,8	105
NKM-GE 65-250/263	80	65							60142894	MCE55/C	5,50	7,50	12,7	168
NKM-GE 65-315/309	80	65							60142897	MCE110/C	11,00	15,00	26,6	263
NKM-GE 80-160/163	100	80							60142899	MCE22/C	2,20	3,00	19,6	87
NKM-GE 80-160/163	100	80							60147403	MCE30/C	2,20	3,00	t.b.d.	89,6
NKM-GE 80-160/177	100	80							60142900	MCE30/C	3,00	4,00	7,6	96
NKM-GE 80-200/222	100	80							60142902	MCE55/C	5,50	7,50	12,9	156
NKM-GE 80-250/270	100	80							60142904	MCE110/C	11,00	15,00	24,4	237
NKM-GE 80-315/305	100	80							60142919	MCE150/C	15,00	20,00	34,7	294
NKM-GE 100-200/200	125	100							60142923	MCE55/C	5,50	7,50	13,7	169
NKM-GE 100-200/214	125	100							60142921	MCE110/C	7,50	10,00	17,7	181
NKM-GE 100-250/250	125	100							60142924	MCE110/C	11,00	15,00	26,0	245
NKM-GE 100-250/270	125	100							60142925	MCE150/C	15,00	20,00	33,2	268
NKM-GE 125-250/243	150	125							60142926	MCE150/C	15,00	20,00	36,7	305
NKM-GE 150-200/218	200	150							60142927	MCE110/C	11,00	15,00	27,8	406

NKP-GE WITH MCE/C

ENBLOC CENTRIFUGAL PUMPS WITH INVERTER

NKP-GE 2 POLES WITH MCE/C - FOR CIRCULATING SYSTEM

MODEL	FLANGE DIMENS. (mm)		VOLTAGE 50/60 Hz - 1x230 ~ V						VOLTAGE 50 Hz - 3x400 ~ V					
	DNA	DNM	CODE	MODEL MCE	P2 NOMINAL kW	P2 NOMINAL HP	In A	WEIGHT (Kg)	CODE	MODEL MCE	P2 NOMINAL kW	P2 NOMINAL HP	In A	WEIGHT (Kg)
NKP-GE 32-125.1/115	50	32	60142929	MCE11/C	1,10	1,5	10,9	51	60147405	MCE30/C	1,10	1,5	t.b.d.	53,6
NKP-GE 32-125.1/125	50	32	60143036	MCE11/C	1,50	2,0	14,7	56	60147406	MCE30/C	1,50	2,0	t.b.d.	58,6
NKP-GE 32-125.1/140	50	32	60142931	MCE15/C	2,20	3,0	19,9	58	60147407	MCE30/C	2,20	3,0	5,6	60,6
NKP-GE 32-125/110	50	32	60142932	MCE11/C	1,10	1,5	13,7	44	60147408	MCE30/C	1,10	1,5	t.b.d.	46,6
NKP-GE 32-125/120	50	32	60142933	MCE11/C	1,50	2,0	17,9	56	60147410	MCE30/C	1,50	2,0	4,1	58,6
NKP-GE 32-125/130	50	32	60142934	MCE15/C	2,20	3,0	24,3	58	60147415	MCE30/C	2,20	3,0	t.b.d.	60,6
NKP-GE 32-125/142	50	32							60142935	MCE30/C	3,00	4,00	7,0	76
NKP-GE 32-160.1/166	50	32							60142937	MCE30/C	3,00	4,00	6,7	70
NKP-GE 32-160.1/177	50	32							60168860	MCE55/C	4,00	5,5	8,5	73
NKP-GE 32-160/151	50	32							60142938	MCE30/C	3,00	4,0	7,1	70
NKP-GE 32-160/177	50	32							60142941	MCE55/C	5,50	7,5	12,7	114
NKP-GE 32-200.1/205	50	32							60142943	MCE55/C	5,50	7,5	11,4	114
NKP-GE 32-200/190	50	32							60142944	MCE55/C	5,50	7,5	12,3	126
NKP-GE 32-200/210	50	32							60142945	MCE110/C	7,50	10,0	17,1	135
NKP-GE 40-125/107	65	40	60142946	MCE11/C	1,50	2,0	14,7	61	60147420	MCE30/C	1,50	2,0	t.b.d.	63,6
NKP-GE 40-125/120	65	40	60142947	MCE22/C	2,20	3,0	19,9	74	60147425	MCE30/C	2,20	3,0	t.b.d.	76,6
NKP-GE 40-125/130	65	40							60142948	MCE30/C	3,00	4,0	7,2	85
NKP-GE 40-125/139	65	40							60142949	MCE55/C	4,00	5,5	9,6	107
NKP-GE 40-160/158	65	40							60142950	MCE55/C	5,50	7,5	12,4	119
NKP-GE 40-160/172	65	40							60142951	MCE110/C	7,50	10,0	17,1	127
NKP-GE 40-200/210	65	40							60142952	MCE110/C	11,00	15,0	24,9	207
NKP-GE 40-250/230	65	40							60142953	MCE150/C	15,00	20,0	34,5	220
NKP-GE 50-125/115	65	50							60142955	MCE30/C	3,00	4,0	7,2	87
NKP-GE 50-125/135	65	50							60142957	MCE55/C	5,50	7,5	12,6	124
NKP-GE 50-125/144	65	50							60142958	MCE110/C	7,50	10,0	17,1	133
NKP-GE 50-160/169	65	50							60142969	MCE110/C	11,00	15,0	24,0	132
NKP-GE 50-200/200	65	50							60142970	MCE150/C	15,00	20,0	32,5	216
NKP-GE 65-125/127	80	65							60142975	MCE55/C	5,50	7,5	12,8	122
NKP-GE 65-125/137	80	65							60142974	MCE110/C	7,50	10,0	17,4	131
NKP-GE 65-160/157	80	65							60142976	MCE110/C	11,00	15,0	23,4	202
NKP-GE 65-160/173	80	65							60142977	MCE150/C	15,00	20,0	33,5	212
NKP-GE 80-160/147-127	100	80							60142979	MCE110/C	11,00	15,0	24,1	215
NKP-GE 80-160/153	100	80							60142980	MCE150/C	15,00	20,0	32,6	221

KDNE 4 POLES WITH MCE/C

≅ 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/A/BAQE/1/0,55/4 M MCE11/C		6.6	6.6	6.4	5.1															
KDNE 32-125/142/A/BAQE/1/0,75/4 M MCE11/C		6.9		6.75	6.15	4.5														
KDNE 32-160.1/177/A/BAQE/1/0.75/4 M MCE11/C		9	9.8	9.5	6.6															
KDNE 32-160/177/A/BAQE/1/1,1/4 M MCE11/C		10.5		10.4	9.6	7.8														
KDNE 32-200.1/207/A/BAQE/1/1.1/4 M MCE11/C		13.8	13.8	13	8.9															
KDNE 32-200/200/A/BAQE/1/1,1/4 M MCE11/C		12.6		12.3	11.1	8.7														
KDNE 32-200/219/A/BAQE/1/2,2/4 M MCE22/C		15.7		15.4	14.8	13	9.8													
KDNE 40-125/142/A/BAQE/1/1.1/4 M MCE11/C		6.7		6.6	6.5	6	5.3	4.1												
KDNE 40-160/161/A/BAQE/1/1,1/4 M MCE11/C		8.6		8.5	8.4	8	7.1	5.6												
KDNE 40-160/177/A/BAQE/1/1,5/4 M MCE15/C		10.7		10.7	10.6	10.2	9.5	8.3												
KDNE 40-200/180/A/BAQE/1/1,1/4 M MCE11/C		9.7		9.7	9.4	8.8	7.2													
KDNE 40-200/200/A/BAQE/1/1,5/4 M MCE15/C		12.2		12.1	12	11.7	10.4	8.6												
KDNE 40-200/219/A/BAQE/1/2,2/4 M MCE22/C		15		15	15	14.7	13.8	12.4	10.4											
KDNE 40-250/230/A/BAQE/1/2,2/4 M MCE22/C		17.4			17.2	16.5	15.3	13.7												
KDNE 40-250/240/A/BAQE/1/3/4 T MCE30/C		19.1			19	18.2	17	15.5												
KDNE 40-250/260/A/BAQE/1/4/4 T MCE55/C		22.7			22.6	22.1	21	19.5												
KDNE 50-125/139/A/BAQE/1/1,1/4 M MCE11/C		6.3			6.2	6.1	5.9	5.6	5.2	4.8	4.2									
KDNE 50-125/144/A/BAQE/1/1,5/4 M MCE15/C		6.7			6.7	6.6	6.4	6.2	5.8	5.3	4.8	4.1								
KDNE 50-160/137/A/BAQE/1/1,1/4 M MCE11/C		6			6	5.9	5.6	5.2	4.8											
KDNE 50-160/153/A/BAQE/1/1,5/4 M MCE15/C		7.6			7.6	7.5	7.4	7.2	6.7											
KDNE 50-160/169/A/BAQE/1/2,2/4 M MCE22/C	H (m)	9.4			9.3	9.2	9.2	9.1	8.8											
KDNE 50-160/177/A/BAQE/1/3/4 T MCE30/C		10.4			10.3	10.3	10.2	10.1	9.95											
KDNE 50-200/170/A/BAQE/1/1,5/4 M MCE15/C		9.5			9.3	9.2	8.8	8	6.85											
KDNE 50-200/190/A/BAQE/1/2,2/4 M MCE22/C		11.8			11.7	11.6	11.4	10.8	10.1	8.9										
KDNE 50-200/210/A/BAQE/1/3/4 T MCE30/C		14.6			14.6	14.5	14.4	13.9	13.2	12.2	11									
KDNE 50-200/219/A/BAQE/1/4/4 T MCE55/C		16			16	16	15.9	15.4	14.2	13.8	12.7	11.4								
KDNE 50-250/220/A/BAQE/1/3/4 T MCE30/C		15.9			15.7	15.6	15.4	14.9	13.8	12.4	10.5									
KDNE 50-250/263/A/BAQE/1/5,5/4 T MCE55/C		23			23	22.9	22.8	22.5	21.7	20.6	19.4	17.5								
KDNE 65-125/130/A/BAQE/1/1,1/4 M MCE11/C		5.1					4.9	4.75	4.6	4.3	4.1	3.8	3.3	2.8						
KDNE 65-125/144/A/BAQE/1/1.5/4 M MCE15/C		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/A/BAQE/1/1,1/4 M MCE11/C		5.8					5.7	5.4	5.2	4.75	4.3	3.7								
KDNE 65-160/153/A/BAQE/1/1,5/4 M MCE15/C		7.3					7.2	7.2	6.9	6.7	6.3	5.8	5.25							
KDNE 65-160/169/A/BAQE/1/2,2/4 M MCE22/C		9.1					9.1	9	8.9	8.7	8.4	8	7.6	7.1	6.4					
KDNE 65-160/177/A/BAQE/1/3/4 T MCE30/C		10					10	9.9	9.8	9.7	9.45	9.1	8.7	8.2	7.5					
KDNE 65-200/180/A/BAQE/1/2,2/4 M MCE22/C		10.4				10.4	10.4	10.3	10.2	10	9.5	8.8	8.1							
KDNE 65-200/190/A/BAQE/1/3/4 T MCE30/C		12.1				12	12	12	11.9	11.5	11.1	10.5	9.8	8.8						
KDNE65-200/219/A/BAQE/1/5,5/4 T MCE55/C		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/A/BAQE/1/5,5/4 T MCE55/C		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 T MCE110/C		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 T MCE110/C		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 T MCE110/C		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 T MCE150/C		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

STANDARDISED CENTRIFUGAL PUMPS WITH INVERTER FOR CIRCULATING SYSTEM

PERFORMANCE RANGE

KDNE 4 POLES WITH MCE/C

≅ 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/A/ BAQE/1/2,2/4 M MCE22/C	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/A/ BAQE/1/3/4 T MCE30/C		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/A/ BAQE/1/4/4 T MCE55/C		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/A/ BAQE/1/3/4 T MCE30/C		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/A/ BAQE/1/5,5/4 T MCE55/C		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/A/ BAQE/1/7,5/4 T MCE110/C		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/A/ BAQE/1/7,5/4 T MCE110/C		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 T MCE110/C		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 T MCE150/C		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 T MCE150/C		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/A/ BAQE/1/5,5/4 T MCE55/C		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/A/ BAQE/1/7,5/4 T MCE110/C		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/A/ BAQE/1/11/4 T MCE110/C		16				15.7	15.7	15.6	15.6	15.5	15.5	15.3	15.1	15	14	12.5	10.8							
KDNE 100-250/240/A/ BAQE/1/11/4 T MCE110/C		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/A/ BAQE/1/15/4 T MCE150/C		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/A/ BAQE/1/15/4 T MCE150/C		25.1				25	25	25	24.9	24.8	24.7	24.6	24.4	24	22	19								
KDNE 125-250/230/A/ BAQE/1/15/4 T MCE150/C		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/A/ BAQE/1/11/4 T MCE110/C		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/A/ BAQE/1/15/4 T MCE150/C		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

KDNE 2 POLES WITH MCE/C

≅ 2900 1/min

MODELLO	Q (m^3/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/A/BAQE/1/1,5/2 M MCE15/C		15.5	15.2	13.9	11.5																			
KDNE 32-125.1/130/A/BAQE/1/2.2/2 M MCE22/C		22.3	22.2	21.3	19																			
KDNE 32-125.1/140/A/BAQE/1/3/2 T MCE30/C		26.5	26.4	25.6	23.4	20.1																		
KDNE 32-125/125/A/BAQE/1/2,2/2 M MCE22/C		20.9		20.1	18.9	16.9	13.5																	
KDNE 32-125/130/A/BAQE/1/3/2 T MCE30/C		22.9		22	21	19.1	16.2																	
KDNE 32-125/142/A/BAQE/1/4/2 T MCE55/C		27.8		27	26.1	24.5	21.7	18																
KDNE 32-160.1/137/A/BAQE/1/1,5/2 M MCE15/C		21.5	21.2	19.3																				
KDNE 32-160.1/145/A/BAQE/1/2,2/2 M MCE22/C		24.7	24.5	22.3	16.5																			
KDNE 32-160.1/153/A/BAQE/1/3/2 T MCE30/C		28.3	28	26	20.5																			
KDNE 32-160.1/177/A/BAQE/1/5,5/2 T MCE55/C		39.5	39.3	38.2	34.5	26																		
KDNE 32-160/145/A/BAQE/1/3/2 T MCE30/C		27		25.8	23.9	21.2	16.9																	
KDNE 32-160/161/A/BAQE/1/5,5/2 T MCE55/C		34		33	31.7	29.1	25.5																	
KDNE 32-160/177/A/BAQE/1/7,5/2 T MCE110/C		41.8		41.5	40.5	38.4	35.3	31.4																
KDNE 32-200.1/170/A/BAQE/1/3/2 T MCE30/C		34.3	34.2	31.9	23.5																			
KDNE 32-200.1/190/A/BAQE/1/5,5/2 T MCE55/C		45.3	44.7	41.5	35.5																			
KDNE 32-200.1/207/A/BAQE/1/7,5/2 T MCE110/C		55.3	55	51.8	46.4	37																		
KDNE 32-200/180/A/BAQE/1/5,5/2 T MCE55/C		39		38.5	36.5	32.5	28																	
KDNE 32-200/200/A/BAQE/1/7,5/2 T MCE110/C		51		49	48	45	40.5	35																
KDNE 32-200/210/A/BAQE/1/11/2 T MCE110/C		57		56	55	52.5	48.5	43	36															
KDNE 32-200/219/A/BAQE/1/15/2 T MCE150/C		63		62	61	59	56.5	52.5	46.5	39.5														
KDNE 40-125/120/A/BAQE/1/3/2 T MCE30/C		18.5		18	17.5	17	16	15	13.5	11.8														
KDNE 40-125/142/A/BAQE/1/5,5/2 T MCE55/C		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 T MCE55/C	H (m)	27.5			27.4	27	25.7	24.2	22.1	19.5														
KDNE 40-160/161/A/BAQE/1/7,5/2 T MCE110/C		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 T MCE110/C		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 T MCE110/C		38.8			38.5	38	37	35	32.5	29	25													
KDNE 40-200/200/A/BAQE/1/11/2 T MCE110/C		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 T MCE150/C		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 T MCE150/C		63.1			62.8	62.5	61	59	57	55	52	48												
KDNE 50-125/125/A/BAQE/1/5,5/2 T MCE55/C		19.8					19.4	19	18.5	17.9	17.4	16.6	16	15.1	14	13	11.8							
KDNE 50-125/139/A/BAQE/1/7,5/2 T MCE110/C		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 T MCE110/C		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 T MCE110/C		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 T MCE110/C		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/BAQE/1/15/2 T MCE150/C		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 T MCE110/C		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 T MCE150/C		47.2					46.8	46.6	46	45.7	44.5	43.5	42	40	38	35.5	33							
KDNE 65-125/120-110/A/BAQE/1/5,5/2 T MCE55/C		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/A/BAQE/1/7,5/2 T MCE110/C		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 T MCE110/C		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 T MCE110/C		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 T MCE110/C		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 T MCE150/C		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 T MCE150/C		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 T MCE150/C		25.6															24.5	23.8	23	22.5	20.2	17.5	15	11.8

KDNE WITH MCE/C

STANDARDISED CENTRIFUGAL PUMPS ON SKID WITH INVERTER

HEATING, AIR-CONDITIONING AND INDUSTRIAL APPLICATION

Standardised centrifugal pumps on skid with elastic coupling, electronics designed for a wide range of applications such as:

- Circulation of hot water for heating.
- Circulation of cold water for air conditioning.
- Circulation of cold water for cooling.

Highly versatile pumps thanks to the use of the DAB MCE/C inverter, to guarantee performance able to automatically adapt to the various system requirements, while maintaining constant differential pressure.
Spiral single-stage body in cast iron according to DIN-EN 733 (ex DIN 24255), cast iron seal cover and motor support, flanges according to DIN 2533 (DIN 2532 for DN 200). Cast iron impeller, sealed and dynamically balanced with axial thrust compensation via balancing holes, operating (on request) on interchangeable wear rings. Pump shaft in stainless steel mounted on two generously sized ball bearings, permanently lubricated and housed in a special chamber inside the support.
Standard seal: standardised mechanical seal according to DIN 24960 in carbon/silicon carbide with O-rings in EPDM. On request, packing seals are available, with hydraulic lubrication ring and gland in two easily removable parts.
Sealed, asynchronous motor cooled by external ventilation; 2-pole or 4-pole. Rotor mounted on generously sized ball bearings to ensure silent and durable operation. Electrical protection: according to standards transposed into the ELECTROMAGNETIC COMPATIBILITY DIRECTIVE EEC 89/336 and subsequent amendments, LOW VOLTAGE DIRECTIVE EEC 73/23 and subsequent amendments and standards CEI 2-3.

Construction design: B3
Speed of rotation: 1450 - 2900 1/min.
Operating range: from 1 a 440 m³/h with head up to 70 meters
Liquid temp. range: from -10°C to +140°C.
Pumped liquid: clean, free from solid or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral, characteristics similar to water.
Max. ambient temperature: +40°C
Maximum operating pressure: 16 bar - 1600 kPa (per il DN 200 max 10 bar).
Protection rating: IP 55
Thermal category: F
Flanging:
PN 16 DIN 2533
PN 10 DIN 2532 per DN 200
Installation: fixed horizontally.
Special versions on request

MCE/C PAG. 2
ACCESSORIES PAG. 203

KDNE 4 POLES WITH MCE/C - FOR CIRCULATING SYSTEM

CAST IRON IMPELLER

MODEL	FLANGE DIMENS. (mm)	
	DNA	DNM
KDNE 32-125.1/140	50	32
KDNE 32-125/142	50	32
KDNE 32-160.1/177	50	32
KDNE 32-160/177	50	32
KDNE 32-200.1/207	50	32
KDNE 32-200/200	50	32
KDNE 32-200/219	50	32
KDNE 40-125/142	65	40
KDNE 40-160/161	65	40
KDNE 40-160/177	65	40
KDNE 40-200/180	65	40
KDNE 40-200/200	65	40
KDNE 40-200/219	65	40
KDNE 40-250/230	65	40
KDNE 40-250/240	65	40
KDNE 40-250/260	65	40

VOLTAGE 50/60 Hz - 1x230 ~ V					VOLTAGE 50 Hz - 3x400 ~ V				
CODE	MODEL MCE	P2 NOMINAL kW	P2 NOMINAL HP	WEIGHT (Kg)	CODE	MODEL MCE	P2 NOMINAL kW	P2 NOMINAL HP	WEIGHT (Kg)
60142983	MCE11/C	0,55	0,75	87					
60142992	MCE11/C	0,75	1	88					
60143229	MCE11/C	0,75	1	95					
60143010	MCE11/C	1,1	1,5	97					
60143232	MCE11/C	1,1	1,5	110					
60143027	MCE11/C	1,1	1,5	105					
60143029	MCE22/C	2,2	3	106					
60143044	MCE11/C	1,1	1,5	90					
60143053	MCE11/C	1,1	1,5	95					
60143054	MCE15/C	1,5	2	105					
60143067	MCE11/C	1,1	1,5	105					
60143068	MCE15/C	1,5	2	109					
60143069	MCE22/C	2,2	3	115					
60143078	MCE22/C	2,2	3	133					
					60143079	MCE30/C	3	4	158
					60143080	MCE55/C	4	5,5	209

KDNE WITH MCE/C

STANDARDISED CENTRIFUGAL PUMPS ON SKID WITH INVERTER

KDNE 4 POLES WITH MCE/C - FOR CIRCULATING SYSTEM

CAST IRON IMPELLER

MODEL	FLANGE DIMENS. (mm)		VOLTAGE 50/60 Hz - 1x230 ~ V					VOLTAGE 50 Hz - 3x400 ~ V				
	DNA	DNM	CODE	MODEL MCE	P2 NOMINAL kW	P2 NOMINAL HP	WEIGHT (Kg)	CODE	MODEL MCE	P2 NOMINAL kW	P2 NOMINAL HP	WEIGHT (Kg)
KDNE 50-125/139	65	50	60143087	MCE11/C	1,1	1,5	97					
KDNE 50-125/144	65	50	60143088	MCE15/C	1,5	2	105					
KDNE 50-160/137	65	50	60143096	MCE11/C	1,1	1,5	104					
KDNE 50-160/153	65	50	60143097	MCE15/C	1,5	2	107					
KDNE 50-160/169	65	50	60143098	MCE22/C	2,2	3	111					
KDNE 50-160/177	65	50						60143099	MCE30/C	3	4	119
KDNE 50-200/170	65	50	60143112	MCE15/C	1,5	2	118					
KDNE 50-200/190	65	50	60143113	MCE22/C	2,2	3	127					
KDNE 50-200/210	65	50						60143114	MCE30/C	3	4	131
KDNE 50-200/219	65	50						60143115	MCE55/C	4	5,5	131
KDNE 50-250/220	65	50						60143123	MCE30/C	3	4	147
KDNE 50-250/263	65	50						60143125	MCE55/C	5,5	7,5	182
KDNE 65-125/130	80	65	60143138	MCE11/C	1,1	1,5	104					
KDNE 65-125/144	80	65	60143140	MCE15/C	1,5	2	107					
KDNE 65-160/137	80	65	60143148	MCE11/C	1,1	1,5	107					
KDNE 65-160/153	80	65	60143149	MCE15/C	1,5	2	118					
KDNE 65-160/169	80	65	60143150	MCE22/C	2,2	3	118					
KDNE 65-160/177	80	65						60143151	MCE30/C	3	4	157
KDNE 65-200/180	80	65	60143159	MCE22/C	2,2	3	151					
KDNE 65-200/190	80	65						60143160	MCE30/C	3	4	159
KDNE65-200/219	80	65						60143162	MCE55/C	5,5	7,5	209
KDNE 65-250/240	80	65						60143168	MCE55/C	5,5	7,5	210
KDNE 65-250/263	80	65						60143169	MCE110/C	7,5	10	270
KDNE 65-315/260	80	65						60143172	MCE110/C	7,5	10	305
KDNE 65-315/290	80	65						60143173	MCE110/C	11	15	310
KDNE 65-315/320	80	65						60143174	MCE150/C	15	20	310
KDNE 80-160/153	100	80	60143177	MCE22/C	2,2	3	143					
KDNE 80-160/161	100	80						60143178	MCE30/C	3	4	147
KDNE 80-160/177	100	80						60143179	MCE55/C	4	5,5	147
KDNE 80-200/170	100	80						60143237	MCE30/C	3	4	177
KDNE 80-200/200	100	80						60143188	MCE55/C	5,5	7,5	197
KDNE 80-200/222	100	80						60143189	MCE110/C	7,5	10	201
KDNE 80-250/230	100	80						60143194	MCE110/C	7,5	10	232
KDNE 80-250/260	100	80						60143195	MCE110/C	11	15	271
KDNE 80-250/270	100	80						60143196	MCE150/C	15	20	290
KDNE 80-315/290	100	80						60143199	MCE150/C	15	20	403
KDNE 100-200/180	125	100						60143202	MCE55/C	5,5	7,5	223
KDNE 100-200/200	125	100						60143203	MCE110/C	7,5	10	222
KDNE 100-200/219	125	100						60143204	MCE110/C	11	15	320
KDNE 100-250/240	125	100						60143208	MCE110/C	11	15	305
KDNE 100-250/260	125	100						60143209	MCE150/C	15	20	313
KDNE 100-315/275	125	100						60143211	MCE150/C	15	20	313
KDNE 125-250/230	150	125						60143214	MCE150/C	15	20	429
KDNE 150-200/218-182	200	150						60143217	MCE110/C	11	15	467
KDNE 150-200/224	200	150						60143218	MCE150/C	15	20	467

SPECIAL VERSION

KDNE WITH MCE/C

STANDARDISED CENTRIFUGAL PUMPS ON SKID WITH INVERTER

KDNE 4 POLES WITH MCE/C - FOR CIRCULATING SYSTEM

CAST IRON IMPELLER

MODEL	FLANGE DIMENS. (mm)		VOLTAGE 50 Hz - 3x400 ~ V				
	DNA	DNM	CODE	MODEL MCE	P2 NOMINAL kW	P2 NOMINAL HP	WEIGHT (Kg)
KDNE 32-125/142/A/BAQE/1/0,75/4 T MCE30/C	50	32	60147503	MCE30/C	0,75	1	90,6
KDNE 32-160.1/177/A/BAQE/1/0.75/4 T MCE30/C	50	32	60147438	MCE30/C	0,75	1	97,6
KDNE 32-160/177/A/BAQE/1/1,1/4 T MCE30/C	50	32	60147439	MCE30/C	1,1	1,5	99,6
KDNE 32-200.1/207/A/BAQE/1/1.1/4 T MCE30/C	50	32	60147441	MCE30/C	1,1	1,5	112,6
KDNE 32-200/200/A/BAQE/1/1,1/4 T MCE30/C	50	32	60147442	MCE30/C	1,1	1,5	107,6
KDNE 32-200/219/A/BAQE/1/2,2/4 T MCE30/C	50	32	60147448	MCE30/C	2,2	3	108,6
KDNE 40-125/142/A/BAQE/1/1.1/4 T MCE30/C	65	40	60147454	MCE30/C	1,1	1,5	92,6
KDNE 40-160/161/A/BAQE/1/1,1/4 T MCE30/C	65	40	60147457	MCE30/C	1,1	1,5	97,6
KDNE 40-160/177/A/BAQE/1/1,5/4 T MCE30/C	65	40	60147458	MCE30/C	1,5	2	107,6
KDNE 40-200/180/A/BAQE/1/1,1/4 T MCE30/C	65	40	60147459	MCE30/C	1,1	1,5	107,6
KDNE 40-200/200/A/BAQE/1/1,5/4 T MCE30/C	65	40	60147461	MCE30/C	1,5	2	111,6
KDNE 40-200/219/A/BAQE/1/2,2/4 T MCE30/C	65	40	60147463	MCE30/C	2,2	3	117,6
KDNE 40-250/230/A/BAQE/1/2,2/4 T MCE30/C	65	40	60147464	MCE30/C	2,2	3	135,6
KDNE 50-125/139/A/BAQE/1/1,1/4 T MCE30/C	65	50	60147465	MCE30/C	1,1	1,5	99,6
KDNE 50-125/144/A/BAQE/1/1,5/4 T MCE30/C	65	50	60147466	MCE30/C	1,5	2	107,6
KDNE 50-160/137/A/BAQE/1/1,1/4 T MCE30/C	65	50	60147467	MCE30/C	1,1	1,5	106,6
KDNE 50-160/153/A/BAQE/1/1,5/4 T MCE30/C	65	50	60147468	MCE30/C	1,5	2	109,6
KDNE 50-160/169/A/BAQE/1/2,2/4 T MCE30/C	65	50	60147469	MCE30/C	2,2	3	113,6
KDNE 50-200/170/A/BAQE/1/1,5/4 T MCE30/C	65	50	60147470	MCE30/C	1,5	2	120,6
KDNE 50-200/190/A/BAQE/1/2,2/4 T MCE30/C	65	50	60147471	MCE30/C	2,2	3	129,6
KDNE 65-125/130/A/BAQE/1/1,1/4 T MCE30/C	80	65	60147472	MCE30/C	1,1	1,5	106,6
KDNE 65-125/144/A/BAQE/1/1.5/4 T MCE30/C	80	65	60147473	MCE30/C	1,5	2	109,6
KDNE 65-160/137/A/BAQE/1/1,1/4 T MCE30/C	80	65	60147474	MCE30/C	1,1	1,5	109,6
KDNE 65-160/153/A/BAQE/1/1,5/4 T MCE30/C	80	65	60147475	MCE30/C	1,5	2	120,6
KDNE 65-160/169/A/BAQE/1/2,2/4 T MCE30/C	80	65	60147476	MCE30/C	2,2	3	120,6
KDNE 65-200/180/A/BAQE/1/2,2/4 T MCE30/C	80	65	60147477	MCE30/C	2,2	3	153,6
KDNE 80-160/153/A/BAQE/1/2,2/4 T MCE30/C	100	80	60147480	MCE30/C	2,2	3	145,6

KDNE WITH MCE/C

STANDARDISED CENTRIFUGAL PUMPS ON SKID WITH INVERTER

KDNE 2 POLES WITH MCE/C - FOR CIRCULATING SYSTEM

CAST IRON IMPELLER

MODEL	FLANGE DIMENS. (mm)		VOLTAGE 50/60 Hz - 1x230 ~ V					VOLTAGE 50 Hz - 3x400 ~ V				
	DNA	DNM	CODE	MODEL MCE	P2 NOMINAL kW	P2 NOMINAL HP	WEIGHT (Kg)	CODE	MODEL MCE	P2 NOMINAL kW	P2 NOMINAL HP	WEIGHT (Kg)
KDNE 32-125.1/110	50	32	60142986	MCE15/C	1,5	2	97	60147481	MCE30/C	1,5	2	99,6
KDNE 32-125.1/130	50	32	60142987	MCE22/C	2,2	3	104	60147482	MCE30/C	2,2	3	106,6
KDNE 32-125.1/140	50	32						60142988	MCE30/C	3	4	111
KDNE 32-125/130	50	32						60142997	MCE30/C	3	4	105
KDNE 32-125/142	50	32						60142998	MCE55/C	4	5,5	126
KDNE 32-125/125	50	32	60142996	MCE22/C	2,2	3	97	60147483	MCE30/C	2,2	3	99,6
KDNE 32-160.1/137	50	32	60143001	MCE15/C	1,5	2	98	60147484	MCE30/C	1,5	2	100,6
KDNE 32-160.1/145	50	32	60143002	MCE22/C	2,2	3	106	60147485	MCE30/C	2,2	3	108,6
KDNE 32-160.1/153	50	32						60143003	MCE30/C	3	4	111
KDNE 32-160.1/177	50	32						60143005	MCE55/C	5,5	7,5	145
KDNE 32-160/145	50	32						60143013	MCE30/C	3	4	111
KDNE 32-160/161	50	32						60143017	MCE55/C	5,5	7,5	145
KDNE 32-160/177	50	32						60143018	MCE110/C	7,5	10	152
KDNE 32-200.1/170	50	32						60143234	MCE30/C	3	4	149
KDNE 32-200.1/190	50	32						60143021	MCE55/C	5,5	7,5	152
KDNE 32-200.1/207	50	32						60143022	MCE110/C	7,5	10	179
KDNE 32-200/180	50	32						60143032	MCE55/C	5,5	7,5	152
KDNE 32-200/200	50	32						60143035	MCE110/C	7,5	10	190
KDNE 32-200/210	50	32						60143039	MCE110/C	11	15	250
KDNE 32-200/219	50	32						60143040	MCE150/C	15	20	261
KDNE 40-125/120	65	40						60143047	MCE30/C	3	4	100
KDNE 40-125/142	65	40						60143049	MCE55/C	5,5	7,5	143
KDNE 40-160/145	65	40						60143061	MCE55/C	5,5	7,5	169
KDNE 40-160/161	65	40						60143062	MCE110/C	7,5	10	178
KDNE 40-160/177	65	40						60143063	MCE110/C	11	15	186
KDNE 40-200/180	65	40						60143073	MCE110/C	7,5	10	160
KDNE 40-200/200	65	40						60143074	MCE110/C	11	15	234
KDNE 40-200/219	65	40						60143075	MCE150/C	15	20	244
KDNE 40-250/220	65	40						60143082	MCE150/C	15	20	291
KDNE 50-125/125	65	50						60143091	MCE55/C	5,5	7,5	152
KDNE 50-125/139	65	50						60143092	MCE110/C	7,5	10	156
KDNE 50-125/144	65	50						60143093	MCE110/C	11	15	156
KDNE 50-160/145	65	50						60143102	MCE110/C	7,5	10	190
KDNE 50-160/161	65	50						60143103	MCE110/C	11	15	201
KDNE 50-160/177	65	50						60143104	MCE150/C	15	20	213
KDNE 50-200/180	65	50						60143117	MCE110/C	11	15	199
KDNE 50-200/190	65	50						60143121	MCE150/C	15	20	293
KDNE 65-125/120-110	80	65						60143143	MCE55/C	5,5	7,5	152
KDNE 65-125/130	80	65						60143144	MCE110/C	7,5	10	159
KDNE 65-125/144	80	65						60143145	MCE110/C	11	15	188
KDNE 65-160/137	80	65						60143153	MCE110/C	7,5	10	186
KDNE 65-160/153	80	65						60143154	MCE110/C	11	15	196
KDNE 65-160/169	80	65						60143321	MCE150/C	15	20	233
KDNE 65-200/170	80	65						60143164	MCE150/C	15	20	292
KDNE 80-160/153-136	100	80						60143183	MCE150/C	15	20	311

NEWS

IE2 ≥ 0,75kW ONLY FOR EXTRA MARKETS EU

KI

AISI 304 STAINLESS STEEL SINGLE IMPELLER CENTRIFUGAL PUMPS

CE

FOR WATER SUPPLY IN DOMESTIC, CIVIL, AND INDUSTRIAL ENVIRONMENTS

Axial suction AISI 304 stainless steel single impeller centrifugal pump for pressurization in civil and industrial environments (cold and hot liquids, and coolants), of thermal waters, and for industrial washing systems.
The standard construction materials ensure higher resistance to oxidation (rust) and therefore to erosion, and most of all operation at high temperatures (90°C).
Other possibilities of use are: in propylene glycol (V version) and ethylene glycol (E version) chiller systems; in industrial washing systems using cold water, hot water, and coolants; with moderately oily or aggressive liquids (V and VS version)

Operating range: up to 10 m³/h with head up to 32 metres.
Pumped liquid: clean, free of solids and abrasives, non-viscous, non crystallised and chemically neutral, with properties similar to water.
Liquid temperature range: from -10 °C to +90 °C
Maximum ambient temperature: +40 °C
Maximum operating pressure: 8 bar (800 kPa)
Protection class: IP 55
Insulation class: F
Standard voltage: 220-230 V/50 Hz single-phase, 230-400 V/50 Hz three-phase
Installation: fixed horizontal or vertical position, provided that the motor is always above the pump.
Special executions on request: special mechanical seals:
V version Alox Ceramic/Carbon/FKM: for oily liquids (up to 110°C) and propylene glycol.
VS version SiC/SiC/FKM: for oily liquids (up to 110°C) and abrasive particles.
Version E SiC/Carbon/EPDM: water up to 120°C and ethylene glycol.

KI

MODEL	CODIE	ELECTRICAL DATA						HYDRAULIC DATA												DNA	DNM	KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOTOR TYPE	Q=m³/h	0	1,2	3	4,8	5,4	6,6	7,8	8,4	9,6	10,8	11,7				
								Q=l/min	0	20	50	80	90	110	130	140	160	180	195				
KI 30/90 M	60173605	1x220-230 V	1,4	0,75	1	6,5	–	H (m)	31,4	30,1	27,8	25,1	24,0	21,7	19,0	17,5				1"1/4 G	1" G	13,4	27
KI 30/120 M	60173606	1x220-230 V	1,55	1	1,36	7	–		32,0	30,7	28,9	27,0	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	60173607	1x220-230 V	1,55	1	1,36	7	IE2		32,0	30,7	28,9	27,0	26,3	24,8	22,8	21,6	19,2	16,5		1"1/4 G	1" G	12,6	27
KI 30/120 T	60179404	3x230-400 V	1,45	1	1,36	5 / 2,9	IE3		32,0	30,7	28,9	27,0	26,3	24,8	22,8	21,6	19,2	16,5		1"1/4 G	1" G	13,8	27
KI 40/120 M*	60173608	1x220-230 V	2,2	1,5	2	9,7	–		40,3	39,1	37,2	35,2	34,5	33,0	31,3	30,4	28,5	26,4	23,0	1"1/4 G	1" G	19,6	18

* Not MEI comply, only for EXTRA UE Market

SPECIAL SEALS

E.g.: KI 30/90 M with elastomers and FKM seal: KI 30/90 M -V

ADDITIONAL DESCRIPTION	MECHANICAL SEAL MATERIAL	ELASTOMERS
-V	Carbon/Alox Ceramic/FKM	FKM
-VS	SiC/SiC/FKM	FKM
-E	Carbon/SiC/EPDM	EPDM

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

K SINGLE IMPELLER

SINGLE IMPELLER CENTRIFUGAL PUMPS

CE

DOMESTIC, CIVIL AND INDUSTRIAL WATER SUPPLY

K 35/1200 T

Single impeller centrifugal pupm suitable for domestic, civil, industrial and agricultural installations and for decanting, mixing and irrigating uses. Cast iron pump body and motor support. Technopolymer impeller.
Stainless steel driving shaft. Carbon/ceramic mechanical seal. Asynchronous, closed motor, cooled by external ventilation. Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. For the protection of the three-phase motor it is advisable to use a suitable overload protection complying with the regulations in force.
Operating range: from 1,8 to 96 m³/h with head up to 62 metres.
Pumped liquid characteristics: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised, chemically neutral and close to the characteristics of water.

Liquid temperature range:
from -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.
from -15°C to +110°C: for the other pups.
Maximum operating range:
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)**
Maximum ambient temperature: +40°C.
Protection level: IP 44.
Terminal board protection level: IP 55.
Insulation class: F.

K - SINGLE IMPELLER CENTRIFUGAL

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA																					Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOTOR TYPE	Q=m³/h	0	1,8	2,4	3,6	4,8	6	7,2	9	9,6	10,8	12	15	18	DNA	DNM	KG	
								Q=l/min	0	30	40	60	80	100	120	150	160	180	200	250	300				
K 20/41 M	102110004	1 x 220 - 240 V ~	0,65	0,37	0,5	3	–			20,3	19,4	16,9	13,6	8,3								1" G	1" G	10	39
K 20/41 T	102110014	3 x 230 - 400 V ~	0,64	0,37	0,5	2,3/1,3	–			20,3	19,4	16,9	13,6	8,3								1" G	1" G	9,3	39
K 30/70 M	102110024	1 x 220 - 240 V ~	1,3	0,75	1	6	–		31,8	29,5	28,9	27	24,2	19,8	13,5							1" G	1" G	13,9	30
K 30/70 T	60145269	3 x 230 -1 400 V ~	1,2	0,75	1	4,3/2,5	IE2		31,8	29,5	28,9	27	24,2	19,8	13,5							1" G	1" G	13,7	30
K 30/70 T	60179407	3 x 230 - 400 V ~	1,2	0,75	1	4,3/2,5	IE3		31,8	29,5	28,9	27	24,2	19,8	13,5							1" G	1" G	13,7	30
K 30/100 M	102110042	1 x 220 - 240 V ~	1,6	1,1	1,5	7,1	–		29,2		29	28,8	28	26,8	25,3	22,5	21,5	18,5				1½" G	1" G	18,5	21
K 30/100 T	60145771	3 x 230 - 400 V ~	1,63	1,1	1,5	6,9/3,9	IE2		29,2		29	28,8	28	26,8	25,3	22,5	21,5	18,5				1½" G	1" G	18,2	21
K 30/100 T	60179858	3 x 230 - 400 V ~	1,63	1,1	1,5	6,9/3,9	IE3		29,2		29	28,8	28	26,8	25,3	22,5	21,5	18,5				1½" G	1" G	18,2	21
K 36/100 M	102110162	1 x 220 - 240 V ~	2,1	1,85	2,5	8,8	–		34,9		34,8	34,6	34	33	32	29,8	29	26,5				1½" G	1" G	23,3	18
K 36/100 T	60145837	3 x 230 - 400 V ~	2	1,85	2,5	6,9/4	IE2		34,9		34,8	34,6	34	33	32	29,8	29	26,5				1½" G	1" G	19,7	21
K 36/100 T	60179861	3 x 230 - 400 V ~	2	1,85	2,5	6,9/4	IE3	H (m)	34,9		34,8	34,6	34	33	32	29,8	29	26,5				1½" G	1" G	19,7	21
K 12/200 M	60168883	1 x 220 - 240 V ~	1,24	0,75	1	5,8	–		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	13,7	30
K 12/200 T	60168884	3 x 230 - 400 V ~	1,15	0,75	1	3,6/2,1	IE2		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	13,8	30
K 12/200 T	60179406	3 x 230 - 400 V ~	1,15	0,75	1	3,6/2,1	IE3		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	13,8	30
K 36/200 T	60146040	3 x 230 - 400 V ~	3	2,2	3	9/5,2	IE2		36,6				36	35,5	35	34	33,3	32,5	31,5	28	23,5	2" G	1¼" G	33,1	18
K 36/200 T	60179375	3 x 230 - 400 V ~	3	2,2	3	9/5,2	IE3		36,6				36	35,5	35	34	33,3	32,5	31,5	28	23,5	2" G	1¼" G	21	18
K 40/200 T	60146050	3 x 230 - 400 V ~	3,5	3	4	11,1/6,4	IE2		41,3				41	40,5	40	39	38,8	38	37	33,5	29	2" G	1¼" G	34,9	18
K 40/200 T	60179374	3 x 230 - 400 V ~	3,5	3	4	11,1/6,4	IE3		41,3				41	40,5	40	39	38,8	38	37	33,5	29	2" G	1¼" G	19	18
K 55/200 T	60146064	3 x 230 - 400 V ~	5,1	4	5,5	16,3/9,4	IE2		54					54	53,9	53,2	53	52	51,5	48,5	45	2" G	1¼" G	39	18
K 55/200 T	60179853	3 x 230 - 400 V ~	5	3,7	5	16,3/9,4	IE3		54					54	53,9	53,2	53	52	51,5	48,5	45	2" G	1¼" G	39	18

[1] Star (⅄) starting is possible

Counterflanges included where required

** Pump equipped with pressure gauge, pressure switch, power cable with plug and five -way fitting to use for connecting to a tank.

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

K SINGLE IMPELLER

SINGLE IMPELLER CENTRIFUGAL PUMPS

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA																DNA	DNM	KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOTOR TYPE	Q=m³/h	0	12	15	18	24	30	36	42	60	72	84	96					
								Q=l/min	0	200	250	300	400	500	600	700	1000	1200	1400	1600					
K 14/400 M	102130402	1 x 220 - 240 V ~	2,1	1,85	2,5	9,5	-		19	18,8	18,5	18	16,3	13,8	10						2" G	2" G	24,5	18
K 14/400 T	60145845	3 x 230 - 400 V ~	2,1	1,85	2,5	7/4	IE2		19	18,8	18,5	18	16,3	13,8	10						2" G	2" G	22	21
K 14/400 T	60179855	3 x 230 - 400 V ~	2,1	1,85	2,5	7/4	IE3		19	18,8	18,5	18	16,3	13,8	10						2" G	2" G	22	21
K 11/500 T	60168866	3 x 230 - 400 V ~	2,6	2,2	3	7,6/4,4	IE2		24,5	22,5	21,5	20	16,5	11,5	6,5						2½" G	2" G	34,2	18
K 11/500 T	60179379	3 x 230 - 400 V ~	2,6	2,2	3	7,6/4,4	IE3		24,5	22,5	21,5	20	16,5	11,5	6,5						2½" G	2" G	21	18
K 18/500 T	60168867	3 x 230 - 400 V ~	3,4	3	4	10,2/5,9	IE2		29,6	29,2	28,5	27,4	24	19,5	13,8						2½" G	2" G	36,6	18
K 18/500 T	60179380	3 x 230 - 400 V ~	3,4	3	4	10,2/5,9	IE3		29,6	29,2	28,5	27,4	24	19,5	13,8						2½" G	2" G	19	18
K 28/500 T	60168868	3 x 230 - 400 V ~	4,5	4	5,5	14,7/8,5	IE2		35	34,5	34	32,8	29,3	25,2	20						2½" G	2" G	40,6	18
K 28/500 T	60179882	3 x 230 - 400 V ~	5	3,7	5	14,7/8,5	IE3	H (m)	35	34,5	34	32,8	29,3	25,2	20						2½" G	2" G	40,6	18
K 40/400 T	60180172	3 x 400 V ~ [1]	7	5,5	7,5	11,5	IE3		50,5	49	48	45	37	24							65	50	79	6
K 50/400 T	60167622	3 x 400 V ~ [1]	9	7,5	10	14,5	IE3		62	61	60	59	54,5	46							65	50	78,8	6
K 30/800 T	60167623	3 x 400 V ~ [1]	7,6	7,5	10	13,4	IE3		44				42	40	38	35	21,5				80	65	90,2	6
K 40/800 T	60167624	3 x 400 V ~ [1]	10,2	9,2	12,5	17,1	IE3		51,5				50	48	47	43,5	32,5	21			80	65	95	6
K 50/800 T	60167625	3 x 400 V ~ [1]	11,6	11	15	20	IE3		58				56,5	55	53,5	51	41	31			80	65	104,3	6
K 20/1200 T	60167626	3 x 400 V ~ [1]	8,3	7,5	10	15	IE3		37,5				36,5	36	35	34	30	26	21	15	80	65	88	6
K 25/1200 T	60167627	3 x 400 V ~ [1]	9,1	9,2	12,5	17,3	IE3		40,7				39	38,5	38	37	33,5	30	25	18	80	65	94	6
K 35/1200 T	60167628	3 x 400 V ~ [1]	10,6	11	15	18,4	IE3		45						43	42,5	38,5	35	31,5	27	80	65	100	6

[1] Star (⅄) starting is possible

Counterflanges included where required

** Pump equipped with pressure gauge, pressure switch, power cable with plug and five -way fitting to use for connecting to a tank.

K - SINGLE IMPELLER CENTRIFUGAL - single-phase

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA																DNA	DNM	WEIGHT Kg	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	Q=m³h	0	4,8	6	7,2	9	9,6	10,8	12	15	18	24	30	36					
							Q=l/min	0	80	100	120	150	160	180	200	250	300	400	500	600					
K 36/200 M	60152451	1 x 230	3,0	2,2	3	13,5		36,6	36	35,5	35	34	33,3	32,5	31,5	28	23,5				2" G	1¼" G	33,1	18
K 40/200 M	60152452	1 x 230	3,6	3	4	16,0		41,3	41	40,5	40	39	38,8	38	37	33,5	29				2" G	1¼" G	34,9	18
K 55/200 M	60152453	1 x 230	5,0	4	5,5	21,8	H (m)	54		54	53,9	53,2	53	52	51,5	48,5	45				2" G	1¼" G	39	18
K 11/500 M	60168869	1 x 230	2,5	2,2	3	11,2		24,5							22,5	21,5	20	16,5	11,5	6,5	2½" G	2" G	34,2	18

Counterflanges not included

CENTRIFUGAL PUMPS

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

K TWIN IMPELLERS

TWIN IMPELLERS CENTRIFUGAL PUMPS

CE

DOMESTIC, CIVIL AND INDUSTRIAL WATER SUPPLY

K 35/40 M

K 70/300 T

Twin impeller centrifugal pump designed for use in pressurisation units for water supply systems for domestic, civil and industrial use. Suitable for sprinkling irrigation and other water supply applications. Cast iron pump body and motor support. Technopolymer impeller. Stainless steel driving shaft. Carbon/ceramic mechanical seal. Asynchronous, closed motor, cooled by external ventilation.
Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. For the protection of the three-phase motor it is advisable to use a suitable overload protection complying with the regulations in force.
Operating range: from 1.2 to 30 m³/h with head up to 97 metres.
Pumped liquid characteristics: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised, chemically neutral and close to the characteristics of water.

Liquid temperature range:
from -10°C to +50°C: for K 35/40, K 45/50, K 35/100, K 40/100, K 55/100
from -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 operating range:
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 level: IP 44
Terminal board protection level: IP 55
Insulation class: F

K - TWIN IMPELLERS CENTRIFUGAL

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA															DNA	DNM	KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOTOR TYPE	Q=m³/h	0	1,2	1,8	2,4	3,6	4,8	6	7,2	9	9,6	10,8				
								Q=l/min	0	20	30	40	60	80	100	120	150	160	180				
K 35/40 M	102120004	1 x 220 - 240 V ~	1,2	0,75	1	5,5	-		43,5	41,5	40	38	33	23,5						1" G	1" G	15,9	27
K 35/40 M-P**	102122004	1 x 220 - 240 V ~	1,2	0,75	1	5,5	-		43,5	41,5	40	38	33	23,5						1"G	1"G	16,7	14
K 35/40 T	60145196	3 x 230 - 400 V ~	1,2	0,75	1	3,8-2,2	IE2		43,5	41,5	40	38	33	23,5						1" G	1" G	15	27
K 35/40 T	60179870	3 x 230 - 400 V ~	1,2	0,75	1	3,8-2,2	IE3		43,5	41,5	40	38	33	23,5						1" G	1" G	15	27
K 45/50 M	102120022	1 x 220 - 240 V ~	1,86	1,1	1,5	8,3	-		51	49	47,5	46	42	37	30					1¼" G	1" G	23,3	21
K 45/50 M-P**	102122022	1 x 220 - 240 V ~	1,86	1,1	1,5	8,3	-		51	49	47,5	46	42	37	30					1¼" G	1" G	24	21
K 45/50 T	60145774	3 x 230 - 400 V ~	1,96	1,1	1,5	7,2-4	IE2		51	49	47,5	46	42	37	30					1¼" G	1" G	22,5	21
K 45/50 T	60179854	3 x 230 - 400 V ~	1,96	1,1	1,5	7,2-4	IE3		51	49	47,5	46	42	37	30					1¼" G	1" G	22,5	21
K 55/50 M	102120162	1 x 220 - 240 V ~	2,7	1,85	2,5	12,8	-	H (m)	62	60	58	57	52	45	34					1½" G	1" G	27,2	18
K 55/50 T	60145840	3 x 230 - 400 V ~	2,5	1,85	2,5	8,4-4,8	IE2		62	60	58	57	52	45	34					1½" G	1" G	23,9	21
K 55/50 T	60179852	3 x 230 - 400 V ~	2,5	1,85	2,5	8,4-4,8	IE3		62	60	58	57	52	45	34					1½" G	1" G	23,9	21
K 35/100 M	102121002	1 x 220 - 240 V ~	1,56	1,1	1,5	7,1	-		38,5			37,5	36,5	35	32	28,5	18,5	17,5		1½" G	1" G	22	21
K 35/100 T	60145775	3 x 230 - 400 V ~	1,65	1,1	1,5	6,5-3,5	IE2		38,5			37,5	36,5	35	32	28,5	18,5	17,5		1½" G	1" G	21	21
K 35/100 T	60179877	3 x 230 - 400 V ~	1,65	1,1	1,5	6,5-3,5	IE3		38,5			37,5	36,5	35	32	28,5	18,5	17,5		1½" G	1" G	21	21
K 40/100 M	102121032	1 x 220 - 240 V ~	2	1,85	2,5	9	-		44			43,4	42,5	41	39	35,7	29	26	18,5	1½" G	1" G	25,9	18
K 40/100 T	60145841	3 x 230 - 400 V ~	2	1,85	2,5	7-4	IE2		44			43,4	42,5	41	39	35,7	29	26	18,5	1½" G	1" G	22	21
K 40/100 T	60179869	3 x 230 - 400 V ~	2	1,85	2,5	7-4	IE3		44			43,4	42,5	41	39	35,7	29	26	18,5	1½" G	1" G	22	21

[1] Star (⅄) starting is possible

Counterflanges included where required

** Pump equipped with pressure gauge, pressure switch, power cable with plug and five -way fitting to use for connecting to a tank.

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

K TWIN IMPELLERS
TWIN IMPELLERS CENTRIFUGAL PUMPS

K - TWIN IMPELLERS CENTRIFUGAL

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA															DNA	DNM	KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOTOR TYPE	Q=m³/h	0	1,2	1,8	2,4	3,6	4,8	6	7,2	9	9,6	10,8					
								Q=l/min	0	20	30	40	60	80	100	120	150	160	180					
K 55/100 T	60146054	3 x 230 - 400 V ~	3,9	2,2	3	11,6-6,7	IE2	H (m)	62			59,5	57	54,5	51	47	39	36		1½" G	1" G	38,1	18
K 55/100 T	60179373	3 x 230 - 400 V ~	3,9	2,2	3	11,6-6,7	IE3		62			59,5	57	54,5	51	47	39	36		1½" G	1" G	19	18
K 66/100 T	60146067	3 x 230 - 400 V ~	4,7	3	4	14,6-8,4	IE2		73			70	67,5	64	60,5	57	49	47		1½" G	1" G	40,7	18
K 66/100 T	60179857	3 x 230 - 400 V ~	5	3,7	5	14,6-8,4	IE3		73			70	67,5	64	60,5	57	49	47		1½" G	1" G	40,7	18
K 90/100 T	60146068	3 x 230 - 400 V ~	5,4	4	5,5	16,5-9,5	IE2		83,5			82	79,5	76,5	72,5	68	61	58		1½" G	1" G	44	18
K 90/100 T	60179859	3 x 230 - 400 V ~	5	3,7	5	16,5-9,5	IE3		83,5			82	79,5	76,5	72,5	68	61	58		1½" G	1" G	44	18
K 70/300 T	60179381	3 x 400 V ~ [1]	7,1	5,5	7,5	12,9	IE3		76	74	73	72	71,5	70	69	65	60,5	43,5		2" G	1¼" G	72	6
K 80/300 T	60167629	3 x 400 V ~ [1]	9,10	7,5	10	15,20	IE3		95	93	92,2	91	90,5	90	89,5	87	82	68		2" G	1¼" G	78,5	6
K 70/400 T	60167630	3 x 400 V ~ [1]	9,20	9,2	12,5	15,50	IE3		86			84	83,2	82,5	82	79	76	65	47	2" G	1¼" G	74	6
K 80/400 T	60167631	3 x 400 V ~ [1]	12,5	11	15	21	IE3		97				95	94,5	94	92	89	80	64	2" G	1¼" G	79	6

[1] Star (⅄) starting is possible

Counterflanges included where required

** Pump equipped with pressure gauge, pressure switch, power cable with plug and five -way fitting to use for connecting to a tank.

K - TWIN IMPELLERS CENTRIFUGAL - single-phase

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA																			DNA	DNM	Kg	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	Q=m³h	0	1,2	1,8	2,4	3,6	4,8	6	7,2	9	9,6	10,8	12	15	18	24	30				
							Q=l/min	0	20	30	40	60	80	100	120	150	160	180	200	250	300	400	500				
K 55/100 M	60152448	1 x 230	3,4	2,2	3	14,9	H (m)	62			59,5	57	54,5	51	47	39	36							1½" G	1" G	38,1	18
K 66/100 M	60152449	1 x 230	4,4	3	4	19,5		73			70	67,5	64	60,5	57	49	47							1½" G	1" G	40,7	18
K 90/100 M	60152450	1 x 230	5,0	4	5,5	21,9		83,5			82	79,5	76,5	72,5	68	61	58							1½" G	1" G	44	18

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

KC / KCV

CENTRIFUGAL PUMPS FOR AIR CONDITIONING

CE

AIR-CONDITIONING AND IRRIGATION

KC

KCV

Pumping of water or other non-aggressive non-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 rating: IP55
Insulation class: F (copper wire with class H insulation)
Standard input voltage: three-phase 230-400 V/50 Hz
Sealed, water resistant and humidity resistant ball bearings Motor construction to EN 60335-2-41
Operating range: from 3 to 45 m^3/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.

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA								DNA	DNM	WEIGHT KG
		VOLTAGE 50 Hz	P1 MAX kW	P2 (W)	In A	MOTOR TYPE	RESISTANCE MOTOR STARTER (Ohm)	Q=m^3/h	0	10	15	20	25	30	40			
								Q=l/min	0	167	250	333	417	500	667			
KC 150 T	60145266	3 x 230 - 400 V ~	1,2	870	2,3	IE2	6,28		13,6	12,8	11,5	9,5	6,5			2" m gas	2" m gas	14
KC 150 T	60180128	3 x 230 - 400 V ~	1,2	870	2,3	IE3	6,28		13,6	12,8	11,5	9,5	6,5			2" m gas	2" m gas	14
KC 200 T	60145901	3 x 230 - 400 V ~	1,5	1260	3,1	IE2	3,51		16,8	15,7	15	14	11,8	9		2" gas	2" gas	16
KC 200 T	60180129	3 x 230 - 400 V ~	1,5	1260	3,1	IE3	3,51		16,8	15,7	15	14	11,8	9		2" gas	2" gas	16
KC 250 T	60145977	3 x 230 - 400 V ~	2,3	1900	4,3	IE2	2,55		21	20	19,1	17,7	15,5	12		2" m gas	2" m gas	18
KC 250 T	60180130	3 x 230 - 400 V ~	2,3	1900	4,3	IE3	2,55		21	20	19,1	17,7	15,5	12		2" m gas	2" m gas	19
KC 300 T	60146015	3 x 230 - 400 V ~	3	2560	5,8	IE2	1,72		24,3		23,4	22,5	21,3	19,5	13,9	2" gas	2" gas	23
KC 300 T	60180131	3 x 230 - 400 V ~	3	2560	5,8	IE3	1,72		24,3		23,4	22,5	21,3	19,5	13,9	2" gas	2" gas	23
KCV 150 T	60145267	3 x 230 - 400 V ~	1,2	870	2,3	IE2	6,28	H (m)	13,6	12,8	11,5	9,5	6,5			2" m Victaulic	2" m Victaulic	14
KCV 150 T	60180132	3 x 230 - 400 V ~	1,2	870	2,3	IE3	6,28		13,6	12,8	11,5	9,5	6,5			2" m Victaulic	2" m Victaulic	14
KCV 200 T	60145904	3 x 230 - 400 V ~	1,5	1260	3,1	IE2	3,51		16,8	15,7	15	14	11,8	9		2" Victaulic	2" Victaulic	16
KCV 200 T	60180133	3 x 230 - 400 V ~	1,5	1260	3,1	IE3	3,51		16,8	15,7	15	14	11,8	9		2" Victaulic	2" Victaulic	16
KCV 250 T	60145980	3 x 230 - 400 V ~	2,3	1900	4,3	IE2	2,55		21	20	19,1	17,7	15,5	12		2" m Victaulic	2" m Victaulic	18
KCV 250 T	60179377	3 x 230 - 400 V ~	2,3	1900	4,3	IE3	2,55		21	20	19,1	17,7	15,5	12		2" m Victaulic	2" m Victaulic	19
KCV 300 T	60146020	3 x 230 - 400 V ~	3	2560	5,8	IE2	1,72		24,3		23,4	22,5	21,3	19,5	13,9	2" Victaulic	2" Victaulic	23
KCV 300 T	60179378	3 x 230 - 400 V ~	3	2560	5,8	IE3	1,72		24,3		23,4	22,5	21,3	19,5	13,9	2" Victaulic	2" Victaulic	23

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

NKM-G / NKP-G

STANDARDISED ENBLOC CENTRIFUGAL PUMPS

CONDITIONING, IRRIGATION, WATER TRANSFER, PRESSURIZATION, INDUSTRIAL APPLICATION

Enbloc centrifugal electric pumps with integral shaft designed for a wide range of applications, such as:
- Water supply
- Circulation of hot water for central heating.
- Circulation of cold water for air conditioning and refrigerating.
- Transfer of liquids in agriculture, horticulture and industries.
- Implementation of pumping systems

Pump construction characteristics:
Single-stage, cast iron spiral body made to DIN-EN 733 (formerly DIN 24255), cast iron support, flanges in accordance with DIN 2533. Cast iron impeller, encased and dynamically balanced with compensation of the axial thrust by means of balancing holes, operating (on request) with interchangeable consumable rings. AISI 304 stainless steel pump shaft.
Seal: standardised mechanical seal made to DIN 24960 in carbon / carborundum with O' rings in EPDM.

Motor construction characteristics
Closed, asynchronous motor with external ventilation, 2 poles for NKP and 4 poles for NKM. Rotor mounted on oversized ball bearings to ensure silent running and long life. We recommend using overload protection for the motor, in accordance with current norms. In the case of liquids denser than water, the motors must be proportionally more powerful.

Built to: IEC 2-3 standards
Protection level: IP 55
Insulation level: F
Standard voltage: 230/400 V 50 Hz up to 2,2 Kw included 400 V Δ 50 Hz over 2,2 Kw
Speed of rotation: 1450 - 2900 1/min.
Operating range: from 1 to 105 m^3/h with head up to 96 metres.
Characteristics of pumped liquid: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral and close to the characteristics of water.
Liquid temperature range: from -10°C to +140°C
Maximum ambient temperature: +40°C
Maximum operating pressure: 16 bar - 1600 kPa
Flanging: PN 16 DIN 2533
Installation: normally horizontal or vertical provided the motor is always above the pump.
Special versions on request: pumps for liquids other than water.
Other voltages and/or frequencies.

ACCESSORIES PAG. 203

NKM-G - STANDARDISED ENBLOC - 4 POLES

CAST IRON IMPELLER

≅ 1450 1/min

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA								DNA	DNM	KG
		VOLTAGE 50 Hz	P2 NOMINAL		In (A)		MOTOR TYPE	Q=m^3/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	1D1K11BX3	3 x 230 - 400 V ~	0.25	0.33	1,56	0,9	-		6.2	5.8	4.2					50	32	32,8
NKM-G 32-125/142/A/BAQE/ 0.37/4	1D1111B13	3 x 230 - 400 V ~	0.37	0.5	1,69	1,0	-		7	6.75	5.85	4.2				50	32	33,5
NKM-G 32-160.1 169/A/BAQE/0.37/4	1D1L11B13	3 x 230 - 400 V ~	0.37	0.5	1,69	1,0	-		8.9	8.2	4.6					50	32	35,6
NKM-G 32-160/169/A/BAQE/0,55/4	1D1211B23	3 x 230 - 400 V ~	0.55	0.75	2,60	1,5	-		9.4	9	7.9	5.6				50	32	39,8
NKM-G 32-200.1 200/A/BAQE/0,55/4	1D1M11B23	3 x 230 - 400 V ~	0.55	0.75	2,60	1,5	-		12.7	11.2	7.2					50	32	45
NKM-G 32-200/200/A/BAQE/ 0,75/4	1D1311B3C	3 x 230 - 400 V ~	0.75	1	3,57	2,1	IE2		13	12.5	11.1	8.45				50	32	48,5
NKM-G 32-200/200/A/BAQE/ 0,75/	1D1311B3W	3 x 230 - 400 V ~	0.75	1	3,57	2,1	IE3		13	12.5	11.1	8.45				50	32	42
NKM-G 32-200/219/A/BAQE/ 1,1 /4	1D1311B4C	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7	IE2		16	15.4	14.3	12.2				50	32	51
NKM-G 32-200/219/A/BAQE/ 1,1 /4	1D1311B4W	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7	IE3		16	15.4	14.3	12.2				50	32	41
NKM-G 40-125/115/A/BAQE/ 0.25/4	1D2111BX3	3 x 230 - 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/A/BAQE/ 0.37/4	1D2111B13	3 x 230 - 400 V ~	0.37	0.5	1,69	1,0	-		5.4	5.3	5.	4.4	3.5			65	40	35,3
NKM-G 40-125/142/A/BAQE/ 0.55/4	1D2111B23	3 x 230 - 400 V ~	0.55	0.75	2,60	1,5	-	H (m)	6.6	6.5	6.2	5.7	4.8			65	40	39,4
NKM-G 40-160/153/A/BAQE/ 0.55/4	1D2211B23	3 x 230 - 400 V ~	0.55	0.75	2,60	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	1D2211B3C	3 x 230 - 400 V ~	0.75	1	3,57	2,1	IE2		9.2	9.2	9	8.4	7.4	5.7		65	40	41,9
NKM-G 40-160/166/A/BAQE/ 0.75/4	1D2211B3W	3 x 230 - 400 V ~	0.75	1	3,57	2,1	IE3		9.2	9.2	9	8.4	7.4	5.7		65	40	35
NKM-G 40-200/200/A/BAQE/ 1,1 /4	1D2311B4C	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7	IE2		12.5	12.5	12.3	11.2	9.7	7.7		65	40	51
NKM-G 40-200/200/A/BAQE/ 1,1/4	1D2311B4W	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7	IE3		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	1D2311B5C	3 x 230 - 400 V ~	1.5	2	6,24	3,6	IE2		15.6	15.6	15.3	14.7	13.4	11.8	9.8	65	40	56
NKM-G 40-200/219/A/BAQE/ 1,5/4	1D2311B5W	3 x 230 - 400 V ~	1.5	2	6,24	3,6	IE3		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	1D2411B6C	3 x 230 - 400 V ~	2.2	3	8,75	5,1	IE2		20.6	20.5	20.1	19.2	17.8	16		65	40	73
NKM-G 40-250/245/A/BAQE/ 2,2/4	1D2411B6W	3 x 230 - 400 V ~	2.2	3	8,75	5,1	IE3		20.6	20.5	20.1	19.2	17.8	16		65	40	63
NKM-G 40-250/260/A/BAQE/ 3 /4	1D2411B7D	3 x 400 V ~	3	4	-	6,3	IE2		23.3	23.1	22.8	22.2	20.8	19		65	40	75
NKM-G 40-250/260/A/BAQE/3/4	1D2411B7X	3 x 400 V ~	3	4	-	6,3	IE3		23.3	23.1	22.8	22.2	20.8	19		65	40	59

Counterflanges not included

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

NKM-G

STANDARDISED ENBLOC CENTRIFUGAL PUMPS

NKM-G - STANDARDISED ENBLOC - 4 POLES

CAST IRON IMPELLER

≅ 1450 1/min

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA																					DNA	DNM	KG
		VOLTAGE 50 Hz	P2 NOM.		In (A)		MOT. TYPE	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	1D3111B23	3 x 230 - 400 V ~	0.55	0.75	2,60	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	1D3111B3C	3 x 230 - 400 V ~	0.75	1	3,57	2,1	IE2		6.5	6.3	6.1	5.8	5.5	5	4.5	3.9												65	50	43,6
NKM-G 50-125/141/A/BAQE/ 0.75/4	1D3111B3W	3 x 230 - 400 V ~	0.75	1	3,57	2,1	IE3		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	1D3211B4C	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7	IE2		8.6	8.6	8.5	8.2	7.8	7.3	6.7	5.7												65	50	47
NKM-G 50-160/161/A/BAQE/ 1.1 /4	1D3211B4W	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7	IE3		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	1D3211B5C	3 x 230 - 400 V ~	1.5	2	6,24	3,6	IE2		10.7	10.7	10.7	10.5	10.2	9.8	9.2	8.3												65	50	48,5
NKM-G 50-160/177/A/BAQE/ 1,5 /4	1D3211B5W	3 x 230 - 400 V ~	1.5	2	6,24	3,6	IE3		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	1D3311B6C	3 x 230 - 400 V ~	2.2	3	8,75	5,1	IE2		15.3	15.3	15.2	14.8	14	13.3	12.1	10.8	9.4											65	50	65
NKM-G 50-200/210/A/BAQE/ 2,2 /4	1D3311B6W	3 x 230 - 400 V ~	2.2	3	8,75	5,1	IE3		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	1D3311B7D	3 x 400 V ~	3	4	-	6,3	IE2		16.8	16.8	16.5	16.1	15.5	14.6	13.6	12.4	10.9											65	50	68
NKM-G 50-200/219/A/ BAQE/3/4	1D3311B7X	3 x 400 V ~	3	4	-	6,3	IE3		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	1D3411B8D	3 x 400 V ~	4	5.5	-	8,0	IE2		23.8	23.8	23.8	23.4	22.7	21.6	20.4	19	17.1											65	50	75
NKM-G 50-250/263/A/ BAQE/4/4	1D3411B8X	3 x 400 V ~	4	5.5	-	8,0	IE3		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	1D4111B3C	3 x 230 - 400 V ~	0.75	1	3,57	2,1	IE2		5.1	4.9	4.8	4.75	4.7	4.4	4.2	3.8	3.4	3	2.5									80	65	58
NKM-G 65-125/130/A/BAQE/ 0.75/4	1D4111B3W	3 x 230 - 400 V ~	0.75	1	3,57	2,1	IE3		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	1D4111B4C	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7	IE2		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	49,5
NKM-G 65-125/144/A/BAQE/ 1.1 /4	1D4111B4W	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7	IE3		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	1D4211B4C	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7	IE2		7.4	7.4	7.3	7.15	6.9	6.65	6.25	5.8	5.3	4.4										80	65	52
NKM-G 65-160/153/A/BAQE/ 1,1/4	1D4211B4W	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7	IE3		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	1D4211B5C	3 x 230 - 400 V ~	1.5	2	6,24	3,6	IE2		8.9		8.8	8.7	8.6	8.3	8	7.6	7.15	6.6	6									80	65	54
NKM-G 65-160/165/A/BAQE/ 1,5/4	1D4211B5W	3 x 230 - 400 V ~	1.5	2	6,24	3,6	IE3		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	1D4211B6C	3 x 230 - 400 V ~	2.2	3	8,75	5,1	IE2		10.5			10.4	10.3	10.2	9.9	9.6	9.2	8.75	8.2	7.4	6.6							80	65	62
NKM-G 65-160/177/A/BAQE/ 2,2/4	1D4211B6W	3 x 230 - 400 V ~	2.2	3	8,75	5,1	IE3		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	1D4311B7D	3 x 400 V ~	3	4	-	6,3	IE2		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 65-200/210/A/ BAQE/3/4	1D4311B7X	3 x 400 V ~	3	4	-	6,3	IE3		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	1D4311B8D	3 x 400 V ~	4	5.5	-	8,0	IE2		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 65-200/219/A/ BAQE/4/4	1D4311B8X	3 x 400 V ~	4	5.5	-	8,0	IE3		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	1D4411B9D	3 x 400 V ~	5.5	7.5	-	10,6	IE2		24.1			23.8	23.6	23.3	22.8	22.3	21.5	20.8	19.7	18.6	17.3							80	65	136
NKM-G 65-250/263/A/BAQE/ 5,5/4	1D4411B9X	3 x 400 V ~	5.5	7.5	-	10,6	IE3		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	1D4511BAD	3 x 400 V ~	7.5	10	-	14,2	IE2		27						26	25.5	25	24.5	23.6	22.7	21.5	20.2	19					80	65	157
NKM-G 65-315/279/A/BAQE/ 7,5/4	1D4511BAX	3 x 400 V ~	7.5	10	-	14,6	IE3		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	1D4511BBD	3 x 400 V ~	11	15	-	21,6	IE2		34.2						33.2	33	32.5	32	31.5	30.7	29.8	29	28	25	21.7			80	65	231
NKM-G 65-315/309/A/ BAQE/11/4	1D4511BBX	3 x 400 V ~	11	15	-	20,5	IE3		34.2						33.2	33	32.5	32	31.5	30.7	29.8	29	28	25	21.7			80	65	231

Counterflanges not included

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

NKM-G

STANDARDISED ENBLOC CENTRIFUGAL PUMPS

NKM-G - STANDARDISED ENBLOC - 4 POLES

CAST IRON IMPELLER

≅ 1450 1/min

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA																				DNA	DNM	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMIN.		In (A)		MOT. TYPE	Q=m³h	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	1D5211B5C	3 x 230 - 400 V ~	1.5	2	6,24	3,6	IE2		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	60
NKM-G 80-160/153-136/A/BAQE/1.5/4	1D5211B5W	3 x 230 - 400 V ~	1.5	2	6,24	3,6	IE3		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/A/BAQE/ 2,2 /4	1D5211B6C	3 x 230 - 400 V ~	2.2	3	8,75	5,1	IE2		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	71
NKM-G 80-160/163/A/BAQE/ 2,2 /4	1D5211B6W	3 x 230 - 400 V ~	2.2	3	8,75	5,1	IE3		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	1D5211B7D	3 x 400 V ~	3	4	-	6,3	IE2		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	74
NKM-G 80-160/177/A/BAQE/3/4	1D5211B7X	3 x 400 V ~	3	4	-	6,3	IE3		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	1D5311B8D	3 x 400 V ~	4	5.5	-	8,0	IE2		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	102
NKM-G 80-200/200/A/BAQE/4/4	1D5311B8X	3 x 400 V ~	4	5.5	-	8,0	IE3		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	1D5311B9D	3 x 400 V ~	5.5	7.5	-	10,6	IE2		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	124
NKM-G 80-200/222/A/BAQE/ 5,5 /4	1D5311B9X	3 x 400 V ~	5.5	7.5	-	10,6	IE3		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/A/BAQE/ 7,5 /4	1D5411BAD	3 x 400 V ~	7.5	10	-	14,2	IE2	H (m)	20.4			20.3	20.3	20.2	20.1	20	19.9	19.8	19.5	19	18	16.7	16			100	80	152
NKM-G 80-250/240/A/BAQE/ 7,5 /4	1D5411BAX	3 x 400 V ~	7.5	10	-	14,6	IE3		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	1D5411BBD	3 x 400 V ~	11	15	-	21,6	IE2		25.6			25.5	25.5	25.4	25.1	25	24.8	24.6	24.2	24	23	21.5	21			100	80	180
NKM-G 80-250/270/A/BAQE/11/4	1D5411BBX	3 x 400 V ~	11	15	-	20,5	IE3		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	1D5511BCD	3 x 400 V ~	15	20	-	29,0	IE2		32.9					32.7	32.6	32.6	32.5	32.4	32	31.6	30.5	29.5	28.9	24		100	80	227
NKM-G 80-315/305/A/BAQE/15/4	1D5511BCX	3 x 400 V ~	15	20	-	28	IE3		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	1D5511BDD	3 x 400 V ~	18.5	25	-	33,0	IE2		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	259
NKM-G 80-315/320/A/BAQE/18,5 /4	1D5511BDX	3 x 400 V ~	18.5	25	-	34	IE3		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	1D5511BED	3 x 400 V ~	22	30	-	40,0	IE2		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	256
NKM-G 80-315/334/A/BAQE/22 /4	1D5511BEX	3 x 400 V ~	22	30	-	40,5	IE3		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

Counterflanges not included

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

NKM-G

STANDARDISED ENBLOC CENTRIFUGAL PUMPS

NKM-G - STANDARDISED ENBLOC - 4 POLES

CAST IRON IMPELLER

≅ 1450 1/min

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA														DNA	DNM	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOT. TYPE	Q=m³h	0	60	66	72	78	84	90	102	114	120	150	180	210			
							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	1D6311B9D	3 x 400 V ~	5.5	7.5	10,6	IE2		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	136
NKM-G100-200/200/ A/ BAQE/5.5 /4	1D6311B9X	3 x 400 V ~	5.5	7.5	10,6	IE3		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-G100-200/214/ A/ BAQE/7.5 /4	1D6311BAD	3 x 400 V ~	7.5	10	14,2	IE2		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	140
NKM-G100-200/214/ A/ BAQE/7.5 /4	1D6311BAX	3 x 400 V ~	7.5	10	14,2	IE3		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	140
NKM-G100-250/250/ A/ BAQE/11/4	1D6411BBD	3 x 400 V ~	11	15	21,6	IE2		21.1	21	21	21	21	21	21	20.9	20	19.8	18	16		125	100	189
NKM-G100-250/250/ A/ BAQE/11/4	1D6411BBX	3 x 400 V ~	11	15	20,5	IE3		21.1	21	21	21	21	21	21	20.9	20	19.8	18	16		125	100	189
NKM-G100-250/270/ A/ BAQE/15/4	1D6411BCD	3 x 400 V ~	15	20	29,0	IE2	H (m)	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	227
NKM-G100-250/270/ A/ BAQE/15/4	1D6411BCX	3 x 400 V ~	15	20	28	IE3		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	227
NKM-G100-315/300/ A/ BAQE/18.5/4	1D6511BDD	3 x 400 V ~	18.5	25	33,0	IE2		32					31.5	31.4	31	30.5	28.8	26	23		125	100	253
NKM-G100-315/300/ A/ BAQE/18.5/4	1D6511BDX	3 x 400 V ~	18.5	25	34	IE3		32					31.5	31.4	31	30.5	28.8	26	23		125	100	253
NKM-G100-315/316/ A/ BAQE/22/4	1D6511BED	3 x 400 V ~	22	30	40,0	IE2		36					35.5	35.2	35	34.6	33.2	31	28	24	125	100	261
NKM-G100-315/316/ A/ BAQE/22/4	1D6511BEX	3 x 400 V ~	22	30	40,5	IE3		36					35.5	35.2	35	34.6	33.2	31	28	24	125	100	261

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA															DNA	DNM	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOT. TYPE	Q=m³h	0	102	114	120	150	180	210	240	270	300	330	360	390	420			
							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	1D7411BCD	3 x 400 V ~	15	20	29,0	IE2		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	232
NKM-G125-250/243/ A/ BAQE/15/4	1D7411BCX	3 x 400 V ~	15	20	28	IE3		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	232
NKM-G125-250/256/ A/ BAQE/18,5/4	1D7411BDD	3 x 400 V ~	18.5	25	33,0	IE2		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	253
NKM-G125-250/256/ A/ BAQE/18,5/4	1D7411BDX	3 x 400 V ~	18.5	25	34	IE3		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	253
NKM-G125-250/266/ A/ BAQE/22/4	1D7411BED	3 x 400 V ~	22	30	40,0	IE2	H (m)	24.6	24.4	24.2	24.1	24	23.5	22.9	22	21	19.8	18.5	16.7	15		150	125	271
NKM-G125-250/266/ A/ BAQE/22/4	1D7411BEX	3 x 400 V ~	22	30	40,5	IE3		24.6	24.4	24.2	24.1	24	23.5	22.9	22	21	19.8	18.5	16.7	15		150	125	271
NKM-G150-200/218/ A/ BAQE/11/4	1D8311BBD	3 x 400 V ~	11	15	21,6	IE2		13.2	13.1	13	13	12.8	12.5	12.1	11.5	11	10.4	9.7	9	8	7	200	150	260
NKM-G150-200/218/ A/ BAQE/11/4	1D8311BBX	3 x 400 V ~	11	15	20,5	IE3		13.2	13.1	13	13	12.8	12.5	12.1	11.5	11	10.4	9.7	9	8	7	200	150	260

Counterflanges not included

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

NKM-G
STANDARDISED ENBLOC CENTRIFUGAL PUMPS

NKM-G - STANDARDISED ENBLOC - 4 POLES

BRONZE IMPELLER
≅ 1450 1/min

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA								DNA	DNM	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		In (A)		MOT. TYPE	Q=m³h	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	1D1K21BX3	3 x 230 - 400 V ~	0.25	0.33	1,56	0,9	-		6.2	5.8	4.2					50	32	32,8
NKM-G 32-125/142/B/BAQE / 0.37/4	1D1121B13	3 x 230 - 400 V ~	0.37	0.5	1,69	1,0	-		7	6.75	5.85	4.2				50	32	33,5
NKM-G 32-160.1169/ B/BAQE /0.37/4	1D1L21B13	3 x 230 - 400 V ~	0.37	0.5	1,69	1,0	-		8.9	8.2	4.6					50	32	35,6
NKM-G 32-160/169/B/BAQE /0,55/4	1D1221B23	3 x 230 - 400 V ~	0.55	0.75	2,60	1,5	-		9.4	9	7.9	5.6				50	32	39,8
NKM-G 32-200.1200/ B/BAQE /0,55/4	1D1M21B23	3 x 230 - 400 V ~	0.55	0.75	2,60	1,5	-		12.7	11.2	7.2					50	32	45
NKM-G 32-200/200/B/BAQE / 0,75/4	1D1321B3C	3 x 230 - 400 V ~	0.75	1	3,57	2,1	IE2		13	12.5	11.1	8.45				50	32	48,5
NKM-G 32-200/200/B/BAQE / 0,75/4	1D1321B3W	3 x 230 - 400 V ~	0.75	1	3,57	2,1	IE3		13	12.5	11.1	8.45				50	32	42
NKM-G 32-200/219/B/BAQE / 1,1 /4	1D1321B4C	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7	IE2		16	15.4	14.3	12.2				50	32	51
NKM-G 32-200/219/B/BAQE / 1,1 /4	1D1321B4W	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7	IE3		16	15.4	14.3	12.2				50	32	41
NKM-G 40-125/115/B/BAQE / 0.25/4	1D2121BX3	3 x 230 - 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	1D2121B13	3 x 230 - 400 V ~	0.37	0.5	1,69	1,0	-		5.4	5.3	5.	4.4	3.5			65	40	35,3
NKM-G 40-125/142/B/BAQE / 0.55/4	1D2121B23	3 x 230 - 400 V ~	0.55	0.75	2,60	1,5	-	H (m)	6.6	6.5	6.2	5.7	4.8			65	40	39,4
NKM-G 40-160/153/B/BAQE / 0.55/4	1D2221B23	3 x 230 - 400 V ~	0.55	0.75	2,60	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	1D2221B3C	3 x 230 - 400 V ~	0.75	1	3,57	2,1	IE2		9.2	9.2	9	8.4	7.4	5.7		65	40	41,9
NKM-G 40-160/166/B/BAQE / 0.75/4	1D2221B3W	3 x 230 - 400 V ~	0.75	1	3,57	2,1	IE3		9.2	9.2	9	8.4	7.4	5.7		65	40	35
NKM-G 40-200/200/ B/BAQE / 1,1 /4	1D2321B4C	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7	IE2		12.5	12.5	12.3	11.2	9.7	7.7		65	40	51
NKM-G 40-200/200/B/BAQE / 1,1 /4	1D2321B4W	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7	IE3		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	1D2321B5C	3 x 230 - 400 V ~	1.5	2	6,24	3,6	IE2		15.6	15.6	15.3	14.7	13.4	11.8	9.8	65	40	56
NKM-G 40-200/219/B/BAQE / 1,5 /4	1D2321B5W	3 x 230 - 400 V ~	1.5	2	6,24	3,6	IE3		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	1D2421B6C	3 x 230 - 400 V ~	2.2	3	8,75	5,1	IE2		20.6	20.5	20.1	19.2	17.8	16		65	40	73
NKM-G 40-250/245/B/BAQE / 2,2 /4	1D2421B6W	3 x 230 - 400 V ~	2.2	3	8,75	5,1	IE3		20.6	20.5	20.1	19.2	17.8	16		65	40	63
NKM-G 40-250/260/ B/BAQE / 3 /4	1D2421B7D	3 x 400 V ~	3	4	-	6,3	IE2		23.3	23.1	22.8	22.2	20.8	19		65	40	75
NKM-G 40-250/260/B/BAQE / 3 /4	1D2421B7X	3 x 400 V ~	3	4	-	6,3	IE3		23.3	23.1	22.8	22.2	20.8	19		65	40	59

Counterflanges not included

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

NKM-G

STANDARDISED ENBLOC CENTRIFUGAL PUMPS

NKM-G - STANDARDISED ENBLOC - 4 POLES

BRONZE IMPELLER

≅ 1450 1/min

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA																				DNA	DNM	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMIN.		In (A)		MOT. TYPE	Q=m³h	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	1D3121B23	3 x 230 - 400 V ~	0.55	0.75	2,60	1,5	-		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	1D3121B3C	3 x 230 - 400 V ~	0.75	1	3,57	2,1	IE2		6.5	6.3	6.1	5.8	5.5	5	4.5	3.9												65	50	44
NKM-G 50-125/141/ B/BAQE / 0.75/4	1D3121B3W	3 x 230 - 400 V ~	0.75	1	3,57	2,1	IE3		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	1D3221B4C	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7	IE2		8.6	8.6	8.5	8.2	7.8	7.3	6.7	5.7												65	50	47
NKM-G 50-160/161/B/BAQE / 1.1 /4	1D3221B4W	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7	IE3		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	1D3221B5C	3 x 230 - 400 V ~	1.5	2	6,24	3,6	IE2		10.7	10.7	10.7	10.5	10.2	9.8	9.2	8.3												65	50	48,5
NKM-G 50-160/177/B/BAQE / 1,5 /4	1D3221B5W	3 x 230 - 400 V ~	1.5	2	6,24	3,6	IE3		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	1D3321B6C	3 x 230 - 400 V ~	2.2	3	8,75	5,1	IE2		15.3	15.3	15.2	14.8	14	13.3	12.1	10.8	9.4											65	50	64
NKM-G 50-200/210/B/BAQE / 2,2 /4	1D3321B6W	3 x 230 - 400 V ~	2.2	3	8,75	5,1	IE3		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	1D3321B7D	3 x 400 V ~	3	4	-	6,3	IE2		16.8	16.8	16.5	16.1	15.5	14.6	13.6	12.4	10.9											65	50	68
NKM-G 50-200/219/B/BAQE / 3 /4	1D3321B7X	3 x 400 V ~	3	4	-	6,3	IE3		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	1D3421B8D	3 x 400 V ~	4	5.5	-	8,0	IE2		23.8	23.8	23.8	23.4	22.7	21.6	20.4	19	17.1											65	50	75
NKM-G 50-250/263/B/BAQE / 4 /4	1D3421B8X	3 x 400 V ~	4	5.5	-	8,0	IE3		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	1D4121B3C	3 x 230 - 400 V ~	0.75	1	3,57	2,1	IE2		5.1	4.9	4.8	4.75	4.7	4.4	4.2	3.8	3.4	3	2.5									80	65	58
NKM-G 65-125/130/B/BAQE / 0.75/4	1D4121B3W	3 x 230 - 400 V ~	0.75	1	3,57	2,1	IE3		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	1D4121B4C	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7	IE2		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	49,5
NKM-G 65-125/144/B/BAQE / 1.1 /4	1D4121B4W	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7	IE3	H (m)	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	1D4221B4C	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7	IE2		7.4	7.4	7.3	7.15	6.9	6.65	6.25	5.8	5.3	4.4										80	65	52
NKM-G 65-160/153/B/BAQE / 1,1 /4	1D4221B4W	3 x 230 - 400 V ~	1.1	1.5	4,68	2,7	IE3		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	1D4221B5C	3 x 230 - 400 V ~	1.5	2	6,24	3,6	IE2		8.9		8.8	8.7	8.6	8.3	8	7.6	7.15	6.6	6									80	65	54
NKM-G 65-160/165/B/BAQE / 1,5 /4	1D4221B5W	3 x 230 - 400 V ~	1.5	2	6,24	3,6	IE3		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	1D4221B6C	3 x 230 - 400 V ~	2.2	3	8,75	5,1	IE2		10.5			10.4	10.3	10.2	9.9	9.6	9.2	8.75	8.2	7.4	6.6							80	65	62
NKM-G 65-160/177/B/BAQE / 2,2 /4	1D4221B6W	3 x 230 - 400 V ~	2.2	3	8,75	5,1	IE3		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	1D4321B7D	3 x 400 V ~	3	4	-	6,3	IE2		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 65-200/210/B/BAQE / 3 /4	1D4321B7X	3 x 400 V ~	3	4	-	6,3	IE3		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	1D4321B8D	3 x 400 V ~	4	5.5	-	8,0	IE2		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 65-200/219/B/BAQE / 4 /4	1D4321B8X	3 x 400 V ~	4	5.5	-	8,0	IE3		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	1D4421B9D	3 x 400 V ~	5.5	7.5	-	10,6	IE2		24.1			23.8	23.6	23.3	22.8	22.3	21.5	20.8	19.7	18.6	17.3							80	65	136
NKM-G 65-250/263/B/BAQE / 5,5 /4	1D4421B9X	3 x 400 V ~	5.5	7.5	-	10,6	IE3		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	1D4521BAD	3 x 400 V ~	7.5	10	-	14,2	IE2		27						26	25.5	25	24.5	23.6	22.7	21.5	20.2	19					80	65	157
NKM-G 65-315/279/B/BAQE / 7,5 /4	1D4521BAX	3 x 400 V ~	7.5	10	-	14,6	IE3		27						26	25.5	25	24.5	23.6	22.7	21.5	20.2	19					80	65	157
NKM-G 65-315/309/B/BAQE /11/4	1D4521BBD	3 x 400 V ~	11	15	-	21,6	IE2		34.2						33.2	33	32.5	32	31.5	30.7	29.8	29	28	25	21.7			80	65	206
NKM-G 65-315/309/B/BAQE /11/4	1D4521BBX	3 x 400 V ~	11	15	-	20,5	IE3		34.2						33.2	33	32.5	32	31.5	30.7	29.8	29	28	25	21.7			80	65	206

Counterflanges not included

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

NKM-G
STANDARDISED ENBLOC CENTRIFUGAL PUMPS

NKM-G - STANDARDISED ENBLOC - 4 POLES

BRONZE IMPELLER
≅ 1450 1/min

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA																				DNA	DNM	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMIN.		In (A)		MOT. TYPE	Q=m³h	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	1D5221B5C	3 x 230 - 400 V ~	1.5	2	6,24	3,6	IE2		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	60
NKM-G 80-160/153-136/B/BAQE /1.5/4	1D5221B5W	3 x 230 - 400 V ~	1.5	2	6,24	3,6	IE3		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	1D5221B6C	3 x 230 - 400 V ~	2.2	3	8,75	5,1	IE2		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	71
NKM-G 80-160/163/B/BAQE / 2,2 /4	1D5221B6W	3 x 230 - 400 V ~	2.2	3	8,75	5,1	IE3		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	1D5221B7D	3 x 400 V ~	3	4	-	6,3	IE2		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	74
NKM-G 80-160/177/B/BAQE / 3 /4	1D5221B7X	3 x 400 V ~	3	4	-	6,3	IE3		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	1D5321B8D	3 x 400 V ~	4	5.5	-	8,0	IE2		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	103
NKM-G 80-200/200/B/BAQE / 4 /4	1D5321B8X	3 x 400 V ~	4	5.5	-	8,0	IE3		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	1D5321B9D	3 x 400 V ~	5.5	7.5	-	10,6	IE2		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	124
NKM-G 80-200/222/B/BAQE / 5,5 /4	1D5321B9X	3 x 400 V ~	5.5	7.5	-	10,6	IE3		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	1D5421BAD	3 x 400 V ~	7.5	10	-	14,2	IE2	H (m)	20.4			20.3	20.3	20.2	20.1	20	19.9	19.8	19.5	19	18	16.7	16			100	80	152
NKM-G 80-250/240/B/BAQE / 7,5 /4	1D5421BAX	3 x 400 V ~	7.5	10	-	14,6	IE3		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	1D5421BBD	3 x 400 V ~	11	15	-	21,6	IE2		25.6			25.5	25.5	25.4	25.1	25	24.8	24.6	24.2	24	23	21.5	21			100	80	180
NKM-G 80-250/270/B/BAQE / 11 /4	1D5421BBX	3 x 400 V ~	11	15	-	20,5	IE3		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	1D5521BCD	3 x 400 V ~	15	20	-	29,0	IE2		32.9					32.7	32.6	32.6	32.5	32.4	32	31.6	30.5	29.5	28.9	24		100	80	227
NKM-G 80-315/305/B/BAQE / 15 /4	1D5521BCX	3 x 400 V ~	15	20	-	28	IE3		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	1D5521BDD	3 x 400 V ~	18.5	25	-	33,0	IE2		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	259
NKM-G 80-315/320/B/BAQE /18,5 /4	1D5521BDX	3 x 400 V ~	18.5	25	-	34	IE3		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	1D5521BED	3 x 400 V ~	22	30	-	40,0	IE2		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	256
NKM-G 80-315/334/B/BAQE /22/4	1D5521BEX	3 x 400 V ~	22	30	-	40,5	IE3		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

Counterflanges not included

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

NKM-G

STANDARDISED ENBLOC CENTRIFUGAL PUMPS

NKM-G - STANDARDISED ENBLOC - 4 POLES

BRONZE IMPELLER

≅ 1450 1/min

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA														DNA	DNM	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOT. TYPE	Q=m³h	0	60	66	72	78	84	90	102	114	120	150	180	210			
							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	1D6321B9D	3 x 400 V ~	5.5	7.5	10,6	IE2		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	136
NKM-G100-200/200/ B/BAQE / 5.5 /4	1D6321B9X	3 x 400 V ~	5.5	7.5	10,6	IE3		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	1D6321BAD	3 x 400 V ~	7.5	10	14,2	IE2		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	145
NKM-G100-200/214/ B/BAQE / 7.5 /4	1D6321BAX	3 x 400 V ~	7.5	10	14,2	IE3		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	1D6421BBD	3 x 400 V ~	11	15	21,6	IE2		21.1	21	21	21	21	21	21	20.9	20	19.8	18	16		125	100	189
NKM-G100-250/250/ B/BAQE /11 /4	1D6421BBX	3 x 400 V ~	11	15	20,5	IE3		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	1D6421BCD	3 x 400 V ~	15	20	29,0	IE2	H (m)	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	227
NKM-G100-250/270/ B/BAQE /15 /4	1D6421BCX	3 x 400 V ~	15	20	28	IE3		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	1D6521BDD	3 x 400 V ~	18.5	25	33,0	IE2		32					31.5	31.4	31	30.5	28.8	26	23		125	100	253
NKM-G100-315/300/ B/BAQE /18.5 /4	1D6521BDX	3 x 400 V ~	18.5	25	34	IE3		32					31.5	31.4	31	30.5	28.8	26	23		125	100	257
NKM-G100-315/316/ B/BAQE /22 /4	1D6521BED	3 x 400 V ~	22	30	40,0	IE2		36					35.5	35.2	35	34.6	33.2	31	28	24	125	100	262
NKM-G100-315/316/ B/BAQE /22 /4	1D6521BEX	3 x 400 V ~	22	30	40,5	IE3		36					35.5	35.2	35	34.6	33.2	31	28	24	125	100	272

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA																DNA	DNM	Weight Kg
		VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOT. TYPE	Q=m³h	0	102	114	120	150	180	210	240	270	300	330	360	390	420			
							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	1D7421BCD	3 x 400 V ~	15	20	29,0	IE2		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	235
NKM-G125-250/243/ B/BAQE /15 /4	1D7421BCX	3 x 400 V ~	15	20	28	IE3		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	1D7421BDD	3 x 400 V ~	18.5	25	33,0	IE2		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	257
NKM-G125-250/256/ B/BAQE /18,5 /4	1D7421BDX	3 x 400 V ~	18.5	25	34	IE3		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	1D7421BED	3 x 400 V ~	22	30	40,0	IE2	H (m)	24.6	24.4	24.2	24.1	24	23.5	22.9	22	21	19.8	18.5	16.7	15		150	125	271
NKM-G125-250/266/ B/BAQE /22 /4	1D7421BEX	3 x 400 V ~	22	30	40,5	IE3		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	1D8321BBD	3 x 400 V ~	11	15	21,6	IE2		13.2	13.1	13	13	12.8	12.5	12.1	11.5	11	10.4	9.7	9	8	7	200	150	262
NKM-G150-200/218/ B/BAQE /11 /4	1D8321BBX	3 x 400 V ~	11	15	20,5	IE3		13.2	13.1	13	13	12.8	12.5	12.1	11.5	11	10.4	9.7	9	8	7	200	150	280

Counterflanges not included

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

NKP-G

STANDARDISED ENBLOC CENTRIFUGAL PUMPS

NKP-G - STANDARDISED ENBLOC - 2 POLES

CAST IRON IMPELLER

≅ 2900 1/min

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA																	DNA	DNM	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMIN.		In (A)		MOT. TYPE	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 32-125.1/102/A/BAQE /0.75/2	1D1K11B3A	3 x 230 - 400 V ~	0,75	1	2,81	1,6	IE2		13	12.5	11	8												50	32	37
NKP-G 32-125.1/102/A/BAQE /0.75/2	1D1K11B3U	3 x 230 - 400 V ~	0,75	1	2,81	1,6	IE3		13	12.5	11	8												50	32	30
NKP-G 32-125.1/115/A/BAQE /1.1/2	1D1K11B4A	3 x 230 - 400 V ~	1,1	1.5	4,09	2,4	IE2		17.2	17	15	12.5												50	32	39
NKP-G 32-125.1/115/A/BAQE /1.1/2	1D1K11B4U	3 x 230 - 400 V ~	1,1	1.5	4,09	2,4	IE3		17.2	17	15	12.5												50	32	31
NKP-G 32-125.1/125/A/BAQE /1.5/2	1D1K11B5A	3 x 230 - 400 V ~	1,5	2	5,80	3,4	IE2		21	20.8	19	16.8												50	32	40,5
NKP-G 32-125.1/125/A/BAQE /1.5/2	1D1K11B5U	3 x 230 - 400 V ~	1,5	2	5,80	3,4	IE3		21	20.8	19	16.8												50	32	33
NKP-G 32-125.1/140/A/ BAQE/2.2/2	1D1K11B6A	3 x 230 - 400 V ~	2,2	3	8,23	4,8	IE2		27	26.9	25.9	23	19.5											50	32	44
NKP-G 32-125.1/140/A/ BAQE/2.2/2	1D1K11B6U	3 x 230 - 400 V ~	2,2	3	8,23	4,8	IE3		27	26.9	25.9	23	19.5											50	32	34
NKP-G 32-125/110/A/BAQE / 1.1 /2	1D1111B4A	3 x 230 - 400 V ~	1,1	1.5	4,09	2,4	IE2		15.8	15.2	14.5	12.9	9.9											50	32	35,8
NKP-G 32-125/110/A/BAQE / 1.1 /2	1D1111B4U	3 x 230 - 400 V ~	1,1	1.5	4,09	2,4	IE3		15.8	15.2	14.5	12.9	9.9											50	32	28
NKP-G 32-125/120/A/BAQE / 1.5 /2	1D1111B5A	3 x 230 - 400 V ~	1,5	2	5,80	3,4	IE2		19.3	18.9	18.2	16.8	14.5											50	32	40
NKP-G 32-125/120/A/BAQE / 1.5 /2	1D1111B5U	3 x 230 - 400 V ~	1,5	2	5,80	3,4	IE3		19.3	18.9	18.2	16.8	14.5											50	32	32
NKP-G 32-125/130/A/BAQE / 2.2 /2	1D1111B6A	3 x 230 - 400 V ~	2,2	3	8,23	4,8	IE2		23.6	23.1	23	21.6	19.6	16.8										50	32	43,6
NKP-G 32-125/130/A/BAQE / 2.2 /2	1D1111B6U	3 x 230 - 400 V ~	2,2	3	8,23	4,8	IE3		23.6	23.1	23	21.6	19.6	16.8										50	32	34
NKP-G 32-125/142/A/BAQE / 3 /2	1D1111B7B	3 x 400 V ~	3,0	4		5,9	IE2		28.6	28	27.6	26.5	24.6	21.8	17.9									50	32	57
NKP-G 32-125/142/A/BAQE / 3 /2	1D1111B7V	3 x 400 V ~	3,0	4		5,9	IE3		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	1D1L11B6A	3 x 230 - 400 V ~	2,2	3	8,23	4,8	IE2		31.7	32.4	31	26.7												50	32	45
NKP-G 32-160.1 155/A/ BAQE/2.2/2	1D1L11B6U	3 x 230 - 400 V ~	2,2	3	8,23	4,8	IE3		31.7	32.4	31	26.7												50	32	35
NKP-G 32-160.1 166/A/BAQE /3 /2	1D1L11B7B	3 x 400 V ~	3,0	4		5,9	IE2		36.7	37.3	36.3	32.8	27											50	32	51
NKP-G 32-160.1 166/A/BAQE /3 /2	1D1L11B7V	3 x 400 V ~	3,0	4		5,9	IE3		36.7	37.3	36.3	32.8	27											50	32	42
NKP-G 32-160.1 177/A/BAQE /4 /2	1D1L11B8B	3 x 400 V ~	4	5,5		8,5	IE2		42.7	43.4	42.6	38.5	33.9											50	32	83
NKP-G 32-160.1 177/A/BAQE /4 /2	1D1L11B8V	3 x 400 V ~	4	5,5		8,5	IE3		42.7	43.4	42.6	38.5	33.9											50	32	59
NKP-G 32-160/151 /A/BAQE /3 /2	1D1211B7B	3 x 400 V ~	3,0	4		5,9	IE2		30.5	30	29	27	24	19.5										50	32	54
NKP-G 32-160/151 /A/BAQE /3 /2	1D1211B7V	3 x 400 V ~	3,0	4		5,9	IE3		30.5	30	29	27	24	19.5										50	32	45
NKP-G 32-160/163 /A/BAQE /4 /2	1D1211B8B	3 x 400 V ~	4,0	5.5		8,1	IE2		36.2	36	35	33.5	30.5	27	22									50	32	56
NKP-G 32-160/163 /A/BAQE /4 /2	1D1211B8V	3 x 400 V ~	4,0	5.5		8,1	IE3		36.2	36	35	33.5	30.5	27	22									50	32	32
NKP-G 32-160/177 /A/BAQE /5,5/2	1D1211B9B	3 x 400 V ~	5,5	7.5		10,4	IE2		43.5	43.2	42.6	41.5	39	36	31.5	25.5								50	32	82
NKP-G 32-160/177 /A/BAQE /5,5/2	1D1211B9V	3 x 400 V ~	5,5	7.5		10,4	IE3		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	1D1M11B8B	3 x 400 V ~	4,0	5.5		8,1	IE2		45.3	44.4	40.8	34.4	26.8											50	32	62
NKP-G 32-200.1 188/A/BAQE /4 /2	1D1M11B8V	3 x 400 V ~	4,0	5.5		8,1	IE3		45.3	44.4	40.8	34.4	26.8											50	32	38
NKP-G 32-200.1 205/A/BAQE /5,5/2	1D1M11B9B	3 x 400 V ~	5,5	7.5		10,4	IE2		56.6	55.7	52	45.8	36.2											50	32	85
NKP-G 32-200.1 205/A/BAQE /5,5/2	1D1M11B9V	3 x 400 V ~	5,5	7.5		10,4	IE3		56.6	55.7	52	45.8	36.2											50	32	54
NKP-G 32-200/190/A/BAQE / 5.5 /2	1D1311B9B	3 x 400 V ~	5,5	7.5		10,4	IE2		46.9	46.5	45	43	40	35	29									50	32	88
NKP-G 32-200/190/A/BAQE / 5.5 /2	1D1311B9V	3 x 400 V ~	5,5	7.5		10,4	IE3		46.9	46.5	45	43	40	35	29									50	32	57
NKP-G 32-200/210/A/ BAQE/7.5/2	1D1311BAB	3 x 400 V ~	7,5	10		14,0	IE2		58.8	58	57	56	53	49	44									50	32	92
NKP-G 32-200/210/A/ BAQE/7.5/2	1D1311BAV	3 x 400 V ~	7,5	10		14,0	IE3		58.8	58	57	56	53	49	44									50	32	96

H (m)

Counterflanges not included

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

NKP-G

STANDARDISED ENBLOC CENTRIFUGAL PUMPS

NKP-G - STANDARDISED ENBLOC - 2 POLES

CAST IRON IMPELLER

≅ 2900 1/min

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA															DNA	DNM	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMIN.		In (A)		MOT. TYPE	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/BAQE / 1.5 /2	1D2111B5A	3 x 230 - 400 V ~	1,5	2	5,80	3,4	IE2		14.7	14.5	14.3	13.8	13	11.8	10.5	8.6	7					65	40	41,6
NKP-G 40-125/107/A/BAQE / 1.5 /2	1D2111B5U	3 x 230 - 400 V ~	1,5	2	5,80	3,4	IE3		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	1D2111B6A	3 x 230 - 400 V ~	2,2	3	8,23	4,8	IE2		19	18.7	18.4	17.8	17	15.9	14.6	13	11					65	40	46
NKP-G 40-125/120/A/BAQE / 2.2 /2	1D2111B6U	3 x 230 - 400 V ~	2,2	3	8,23	4,8	IE3		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	1D2111B7B	3 x 400 V ~	3,0	4		5,9	IE2		22.8	22.5	22.3	22	21.2	20.2	19	17.4	15.5	13.5				65	40	56
NKP-G 40-125/130/A/BAQE / 3 /2	1D2111B7V	3 x 400 V ~	3,0	4		5,9	IE3		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	1D2111B8B	3 x 400 V ~	4,0	5.5		8,1	IE2		26.4	26.2	26	25.6	25	24	23	21.5	19.5	17.5	15			65	40	59
NKP-G 40-125/139/A/BAQE / 4 /2	1D2111B8V	3 x 400 V ~	4,0	5.5		8,1	IE3		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	1D2211B9B	3 x 400 V ~	5,5	7.5		10,4	IE2		33.7			34	33.4	32.4	31	29.5	27	24				65	40	82
NKP-G 40-160/158/A/BAQE / 5,5 /2	1D2211B9V	3 x 400 V ~	5,5	7.5		10,4	IE3		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	1D2211BAB	3 x 400 V ~	7,5	10		14,0	IE2	H (m)	40.7			40.2	40.1	39.8	38.5	37.5	35.5	33	30	26.5		65	40	89
NKP-G 40-160/172/A/BAQE / 7,5 /2	1D2211BAV	3 x 400 V ~	7,5	10		13,4	IE3		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	1D2311BBB	3 x 400 V ~	11,0	15		20,2	IE2		57.1	57	57	56.8	56.5	56	55	53	50	47	43.5	39		65	40	127
NKP-G 40-200/210/A/BAQE /11/2	1D2311BBV	3 x 400 V ~	11,0	15		19,4	IE3		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	1D2411BCB	3 x 400 V ~	15,0	20		27,0	IE2		72.5			72.5	72	70	68	66	62.5	60	56	51.5		65	40	142
NKP-G 40-250/230/A/BAQE /15/2	1D2411BCV	3 x 400 V ~	15,0	20		26,5	IE3		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	1D2411BDB	3 x 400 V ~	18,5	25		33,0	IE2		83			83	82.5	81.5	80	77	74	71.5	67.5	63.5	58.5	65	40	177
NKP-G 40-250/245/A/BAQE /18.5 /2	1D2411BDV	3 x 400 V ~	18,5	25		32	IE3		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	1D2411BEB	3 x 400 V ~	22,0	30		39,5	IE2		96			95	94.5	93.5	92	90	87.5	84	81	76.5	71.5	65	40	182
NKP-G 40-250/260/A/ BAQE/22/2	1D2411BEV	3 x 400 V ~	22,0	30		38	IE3		96			95	94.5	93.5	92	90	87.5	84	81	76.5	71.5	65	40	223

Counterflanges not included

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

NKP-G

STANDARDISED ENBLOC CENTRIFUGAL PUMPS

NKP-G - STANDARDISED ENBLOC - 2 POLES

CAST IRON IMPELLER

≅ 2900 1/min

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA																	DNA	DNM	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOT. TYPE	Q=m³h	0	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150			
							Q=l/min	0	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500			
NKP-G 50-125/115/A/BAQE / 3 /2	1D3111B7B	3 x 400 V ~	3,0	4	5,9	IE2		17	16.5	16	15.5	15	14.5	13.7	13	12	11	10	9						65	50	57
NKP-G 50-125/115/A/BAQE / 3 /2	1D3111B7V	3 x 400 V ~	3,0	4	5,9	IE3		17	16.5	16	15.5	15	14.5	13.7	13	12	11	10	9						65	50	48
NKP-G 50-125/125/A/BAQE / 4 /2	1D3111B8B	3 x 400 V ~	4,0	5.5	8,1	IE2		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	66
NKP-G 50-125/125/A/BAQE / 4 /2	1D3111B8V	3 x 400 V ~	4,0	5.5	8,1	IE3		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/A/BAQE / 5,5 /2	1D3111B9B	3 x 400 V ~	5,5	7.5	10,4	IE2		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
NKP-G 50-125/135/A/BAQE / 5,5 /2	1D3111B9V	3 x 400 V ~	5,5	7.5	10,4	IE3		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/A/BAQE / 7,5 /2	1D3111BAB	3 x 400 V ~	7,5	10	14,0	IE2		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 50-125/144/A/BAQE / 7,5 /2	1D3111BAV	3 x 400 V ~	7,5	10	14,0	IE3		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/A/BAQE / 7.5 /2	1D3211BAB	3 x 400 V ~	7,5	10	14,0	IE2		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	94
NKP-G 50-160/153/A/BAQE / 7.5 /2	1D3211BAV	3 x 400 V ~	7,5	10	13,4	IE3		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/A/BAQE /11 /2	1D3211BBB	3 x 400 V ~	11,0	15	20,2	IE2		39.6		39.5	39.3	39.1	39	38.5	38	37.2	36.5	35	34	32.5					65	50	115
NKP-G 50-160/169/A/BAQE /11 /2	1D3211BBV	3 x 400 V ~	11,0	15	19,4	IE3		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/A/BAQE /15 /2	1D3311BCB	3 x 400 V ~	15,0	20	27,0	IE2		55.1		54.7	54.6	54	53.5	52	51	49	47.5	45.5	43	41					65	50	138
NKP-G 50-200/200/A/BAQE /15 /2	1D3311BCV	3 x 400 V ~	15,0	20	26,5	IE3		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/A/BAQE /18,5 /2	1D3311BDB	3 x 400 V ~	18,5	25	33,0	IE2		61.7		61.7	61.6	61.5	60.5	59	58	56.5	55	53	51	48.5	43				65	50	166
NKP-G 50-200/210/A/BAQE /18,5 /2	1D3311BDV	3 x 400 V ~	18,5	25	32	IE3		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/A/ BAQE/22/2	1D3311BEB	3 x 400 V ~	22,0	30	39,5	IE2		67.7		67.5	67.4	66.5	66	65.5	64	62.5	61	59.5	57	55	50				65	50	179
NKP-G 50-200/219/A/BAQE/22 /2	1D3311BEV	3 x 400 V ~	22,0	30	38	IE3		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/A/BAQE/22 /2	1D3411BEB	3 x 400 V ~	22,0	30	39,5	IE2		73.6		73.2	73.1	72.8	72	71	68.5	67	65	62.5	60	57	49				65	50	182
NKP-G 50-250/230/A/BAQE/22 /2	1D3411BEV	3 x 400 V ~	22,0	30	38	IE3		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/A/BAQE /30 /2	1D3411BFB	3 x 400 V ~	30,0	40	52,0	IE2		93		92.5	92.3	92	91.5	91	89	87.5	86	83	81	78	72				65	50	325
NKP-G 50-250/257/A/BAQE /30 /2	1D3411BFV	3 x 400 V ~	30,0	40	52	IE3		93		92.5	92.3	92	91.5	91	89	87.5	86	83	81	78	72				65	50	351

H (m)

Counterflanges not included

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

NKP-G

STANDARDISED ENBLOC CENTRIFUGAL PUMPS

NKP-G - STANDARDISED ENBLOC - 2 POLES

CAST IRON IMPELLER

≅ 2900 1/min

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA																		DNA	DNM	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOT. TYPE	Q=m³h	0	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150			
							Q=l/min	0	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500			
NKP-G 65-125/120-110/A/BAQE /4/2	1D4111B8B	3 x 400 V ~	4,0	5.5	8,1	IE2		16			15	14.6	14.2	13.7	13.3	12.8	12.3	12	11.4	10	8.5	8			80	65	64
NKP-G 65-125/120-110/A/BAQE /4/2	1D4111B8V	3 x 400 V ~	4,0	5.5	8,1	IE3		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/A/BAQE / 5,5 /2	1D4111B9B	3 x 400 V ~	5,5	7.5	10,4	IE2		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	86
NKP-G 65-125/127/A/BAQE / 5,5 /2	1D4111B9V	3 x 400 V ~	5,5	7.5	10,4	IE3		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/A/BAQE / 7,5 /2	1D4111BAB	3 x 400 V ~	7,5	10	14,0	IE2		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	91
NKP-G 65-125/137/A/BAQE / 7,5 /2	1D4111BAV	3 x 400 V ~	7,5	10	13,4	IE3		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/A/BAQE /11/2	1D4211BBB	3 x 400 V ~	11,0	15	20,2	IE2		32.5					32.3	32	31.9	31.3	30.2	30	29.2	28.7	27	24.8	23.6		80	65	122
NKP-G 65-160/157/A/BAQE /11/2	1D4211BBV	3 x 400 V ~	11,0	15	19,4	IE3		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/A/BAQE /15/2	1D4211BCB	3 x 400 V ~	15,0	20	27,0	IE2	H (m)	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	134
NKP-G 65-160/173/A/BAQE /15/2	1D4211BCV	3 x 400 V ~	15,0	20	26,5	IE3		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/A/BAQE /18,5 /2	1D4311BDB	3 x 400 V ~	18,5	25	33,0	IE2		51.1					51	50.8	50.5	50	49	48.5	48	47.5	45	42.5	41		80	65	165
NKP-G 65-200/190/A/BAQE /18,5 /2	1D4311BDV	3 x 400 V ~	18,5	25	32	IE3		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/A/BAQE/22/2	1D4311BEB	3 x 400 V ~	22,0	30	39,5	IE2		56.4					56.1	56.1	56	55.8	55.5	55	54.8	54.5	53	51	49		80	65	183
NKP-G 65-200/200/A/BAQE/22/2	1D4311BEV	3 x 400 V ~	22,0	30	38	IE3		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/A/BAQE /30/2	1D4311BFB	3 x 400 V ~	30,0	40	52,0	IE2		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	234
NKP-G 65-200/219/A/BAQE /30/2	1D4311BFV	3 x 400 V ~	30,0	40	52	IE3		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	ELECTRICAL DATA					HYDRAULIC DATA									DNA	DNM	Weight Kg
		VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOT. TYPE	Q=m³h	0	90	102	114	120	150	180	210	240			
							Q=l/min	0	1500	1700	1900	2000	2500	3000	3500	4000			
NKP-G 80-160/147-127/A/BAQE/11/2	1D5211BBB	3 x 400 V ~	11,0	15	20,2	IE2		24	22	21.4	20.4	20	17.4	16.8	12		100	80	131
NKP-G 80-160/147-127/A/BAQE/11/2	1D5211BBV	3 x 400 V ~	11,0	15	19,4	IE3		24	22	21.4	20.4	20	17.4	16.8	12		100	80	179
NKP-G 80-160/153/A/BAQE/15/2	1D5211BCB	3 x 400 V ~	15,0	20	27,0	IE2		30.5	29	28.4	27.5	27	24.5	21.3	18.3		100	80	149
NKP-G 80-160/153/A/BAQE/15/2	1D5211BCV	3 x 400 V ~	15,0	20	26,5	IE3		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	1D5211BDB	3 x 400 V ~	18,5	25	33,0	IE2		35.5	34.3	33.6	32.6	32.3	29.8	26.8	23.6	20	100	80	173
NKP-G 80-160/163/A/BAQE/18,5/2	1D5211BDV	3 x 400 V ~	18,5	25	32	IE3	H (m)	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	1D5211BEB	3 x 400 V ~	22,0	30	39,5	IE2		38.5	37.2	36.8	36	35.8	33.5	30.8	27.5	24	100	80	187
NKP-G 80-160/169/A/BAQE/22/2	1D5211BEV	3 x 400 V ~	22,0	30	38	IE3		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	1D5311BFB	3 x 400 V ~	30,0	40	52,0	IE2		48.3	47.9	47.6	47.5	47.3	44.7	41	36	29	100	80	340
NKP-G 80-200/190/A/BAQE/30/2	1D5311BFV	3 x 400 V ~	30,0	40	52,0	IE3		48.3	47.9	47.6	47.5	47.3	44.7	41	36	29	100	80	374

Counterflanges not included

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

NKP-G

STANDARDISED ENBLOC CENTRIFUGAL PUMPS

NKP-G - STANDARDISED ENBLOC - 2 POLES

BRONZE IMPELLER

≅ 2900 1/min

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA																DNA	DNM	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMIN.		In (A)		MOT. TYPE	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 32-125.1/102/B/BAQE/0.75/2	1D1K21B3A	3 x 230 - 400 V ~	0,75	1	2,81	1,6	IE2		13	12.5	11	8										50	32	37
NKP-G 32-125.1/102/B/BAQE/0.75/2	1D1K21B3U	3 x 230 - 400 V ~	0,75	1	2,81	1,6	IE3		13	12.5	11	8										50	32	30
NKP-G 32-125.1/115/B/BAQE/1.1/2	1D1K21B4A	3 x 230 - 400 V ~	1,1	1.5	4,09	2,4	IE2		17.2	17	15	12.5										50	32	39
NKP-G 32-125.1/115/B/BAQE/1.1/2	1D1K21B4U	3 x 230 - 400 V ~	1,1	1.5	4,09	2,4	IE3		17.2	17	15	12.5										50	32	31
NKP-G 32-125.1/125/B/BAQE/1.5/2	1D1K21B5A	3 x 230 - 400 V ~	1,5	2	5,80	3,4	IE2		21	20.8	19	16.8										50	32	40,5
NKP-G 32-125.1/125/B/BAQE/1.5/2	1D1K21B5U	3 x 230 - 400 V ~	1,5	2	5,80	3,4	IE3		21	20.8	19	16.8										50	32	33
NKP-G 32-125.1/140/B/BAQE/2.2/2	1D1K21B6A	3 x 230 - 400 V ~	2,2	3	8,23	4,8	IE2		27	26.9	25.9	23	19.5									50	32	44
NKP-G 32-125.1/140/B/BAQE/2.2/2	1D1K21B6U	3 x 230 - 400 V ~	2,2	3	8,23	4,8	IE3		27	26.9	25.9	23	19.5									50	32	34
NKP-G 32-125/110/B/BAQE/1.1 /2	1D1121B4A	3 x 230 - 400 V ~	1,1	1.5	4,09	2,4	IE2		15.8	15.2	14.5	12.9	9.9									50	32	35,8
NKP-G 32-125/110/B/BAQE/1.1 /2	1D1121B4U	3 x 230 - 400 V ~	1,1	1.5	4,09	2,4	IE3		15.8	15.2	14.5	12.9	9.9									50	32	28
NKP-G 32-125/120/B/BAQE/1.5 /2	1D1121B5A	3 x 230 - 400 V ~	1,5	2	5,80	3,4	IE2		19.3	18.9	18.2	16.8	14.5									50	32	40
NKP-G 32-125/120/B/BAQE/1.5 /2	1D1121B5U	3 x 230 - 400 V ~	1,5	2	5,80	3,4	IE3		19.3	18.9	18.2	16.8	14.5									50	32	32
NKP-G 32-125/130/B/BAQE/2.2 /2	1D1121B6A	3 x 230 - 400 V ~	2,2	3	8,23	4,8	IE2		23.6	23.1	23	21.6	19.6	16.8								50	32	43,6
NKP-G 32-125/130/B/BAQE/2.2 /2	1D1121B6U	3 x 230 - 400 V ~	2,2	3	8,23	4,8	IE3		23.6	23.1	23	21.6	19.6	16.8								50	32	34
NKP-G 32-125/142/B/BAQE/3 /2	1D1121B7B	3 x 400 V ~	3,0	4		5,9	IE2		28.6	28	27.6	26.5	24.6	21.8	17.9							50	32	57
NKP-G 32-125/142/B/BAQE/3 /2	1D1121B7V	3 x 400 V ~	3,0	4		5,9	IE3		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	1D1L21B6A	3 x 230 - 400 V ~	2,2	3	8,23	4,8	IE2		29.2	29	26,5	20,5										50	32	45
NKP-G 32-160.1 155/B/BAQE/2.2/2	1D1L21B6U	3 x 230 - 400 V ~	2,2	3	8,23	4,8	IE3		29.2	29	26,5	20,5										50	32	35
NKP-G 32-160.1 166/B/BAQE/3/2	1D1L21B7B	3 x 400 V ~	3,0	4		5,9	IE2	H (m)	35.3	35	33	28										50	32	51
NKP-G 32-160.1 166/B/BAQE/3/2	1D1L21B7V	3 x 400 V ~	3,0	4		5,9	IE3		35.3	35	33	28										50	32	42
NKP-G 32-160.1 177/B/BAQE/4/2	1D1L21B8B	3 x 400 V ~	4	5,5		8,5	IE2		42.7	43.4	42.6	38.5	33.9									50	32	83
NKP-G 32-160.1 177/B/BAQE/4/2	1D1L21B8V	3 x 400 V ~	4	5,5		8,5	IE3		42.7	43.4	42.6	38.5	33.9									50	32	59
NKP-G 32-160/151 /B/BAQE/3/2	1D1221B7B	3 x 400 V ~	3,0	4		5,9	IE2		30.5	30	29	27	24	19.5								50	32	54
NKP-G 32-160/151 /B/BAQE/3 /2	1D1221B7V	3 x 400 V ~	3,0	4		5,9	IE3		30.5	30	29	27	24	19.5								50	32	45
NKP-G 32-160/163 /B/BAQE/4/2	1D1221B8B	3 x 400 V ~	4,0	5.5		8,1	IE2		36.2	36	35	33.5	30.5	27	22							50	32	56
NKP-G 32-160/163 /B/BAQE/4 /2	1D1221B8V	3 x 400 V ~	4,0	5.5		8,1	IE3		36.2	36	35	33.5	30.5	27	22							50	32	32
NKP-G 32-160/177 /B/BAQE/5,5/2	1D1221B9B	3 x 400 V ~	5,5	7.5		10,4	IE2		43.5	43.2	42.6	41.5	39	36	31.5	25.5						50	32	82
NKP-G 32-160/177 /B/BAQE/5,5/2	1D1221B9V	3 x 400 V ~	5,5	7.5		10,4	IE3		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	1D1M21B8B	3 x 400 V ~	4,0	5.5		8,1	IE2		45.3	44.4	40.8	34.4	26.8									50	32	62
NKP-G 32-200.1 188/B/BAQE/4/2	1D1M21B8V	3 x 400 V ~	4,0	5.5		8,1	IE3		45.3	44.4	40.8	34.4	26.8									50	32	38
NKP-G 32-200.1 205/B/BAQE/5,5/2	1D1M21B9B	3 x 400 V ~	5,5	7.5		10,4	IE2		56.6	55.7	52	45.8	36.2									50	32	85
NKP-G 32-200.1 205/B/BAQE/5,5/2	1D1M21B9V	3 x 400 V ~	5,5	7.5		10,4	IE3		56.6	55.7	52	45.8	36.2									50	32	54
NKP-G 32-200/190/B/BAQE/5.5 /2	1D1321B9B	3 x 400 V ~	5,5	7.5		10,4	IE2		46.9	46.5	45	43	40	35	29							50	32	88
NKP-G 32-200/190/B/BAQE/5.5 /2	1D1321B9V	3 x 400 V ~	5,5	7.5		10,4	IE3		46.9	46.5	45	43	40	35	29							50	32	57
NKP-G 32-200/210/B/BAQE/7.5 /2	1D1321BAB	3 x 400 V ~	7,5	10		14,0	IE2		58.8	58	57	56	53	49	44							50	32	92
NKP-G 32-200/210/B/BAQE/7.5 /2	1D1321BAV	3 x 400 V ~	7,5	10		14,0	IE3		58.8	58	57	56	53	49	44							50	32	96

Counterflanges not included

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

NKP-G

STANDARDISED ENBLOC CENTRIFUGAL PUMPS

NKP-G - STANDARDISED ENBLOC - 2 POLES

BRONZE IMPELLER

≅ 2900 1/min

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA																DNA	DNM	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMIN.		In (A)		MOT. TYPE	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/B/BAQE/ 1.5 /2	1D2121B5A	3 x 230 - 400 V ~	1,5	2	5,80	3,4	IE2	H (m)	14.7	14.5	14.3	13.8	13	11.8	10.5	8.6	7					65	40	41,6
NKP-G 40-125/107/B/BAQE/ 1.5 /2	1D2121B5U	3 x 230 - 400 V ~	1,5	2	5,80	3,4	IE3		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	1D2121B6A	3 x 230 - 400 V ~	2,2	3	8,23	4,8	IE2		19	18.7	18.4	17.8	17	15.9	14.6	13	11					65	40	46
NKP-G 40-125/120/B/BAQE/ 2.2 /2	1D2121B6U	3 x 230 - 400 V ~	2,2	3	8,23	4,8	IE3		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	1D2121B7B	3 x 400 V ~	3,0	4		5,9	IE2		22.8	22.5	22.3	22	21.2	20.2	19	17.4	15.5	13.5				65	40	56
NKP-G 40-125/130/B/BAQE/ 3 /2	1D2121B7V	3 x 400 V ~	3,0	4		5,9	IE3		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	1D2121B8B	3 x 400 V ~	4,0	5.5		8,1	IE2		26.4	26.2	26	25.6	25	24	23	21.5	19.5	17.5	15			65	40	59
NKP-G 40-125/139/B/BAQE/ 4 /2	1D2121B8V	3 x 400 V ~	4,0	5.5		8,1	IE3		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	1D2221B9B	3 x 400 V ~	5,5	7.5		10,4	IE2		33.7			34	33.4	32.4	31	29.5	27	24				65	40	82
NKP-G 40-160/158/B/BAQE/ 5,5 /2	1D2221B9V	3 x 400 V ~	5,5	7.5		10,4	IE3		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	1D2221BAB	3 x 400 V ~	7,5	10		14,0	IE2		40.7			40.2	40.1	39.8	38.5	37.5	35.5	33	30	26.5		65	40	89
NKP-G 40-160/172/B/ BAQE/7,5/2	1D2221BAV	3 x 400 V ~	7,5	10		13,4	IE3		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	1D2321BBB	3 x 400 V ~	11,0	15		20,2	IE2		57.1	57	57	56.8	56.5	56	55	53	50	47	43.5	39		65	40	127
NKP-G 40-200/210/B/ BAQE/11/2	1D2321BBV	3 x 400 V ~	11,0	15		19,4	IE3		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	1D2421BCB	3 x 400 V ~	15,0	20		27,0	IE2		72.5			72.5	72	70	68	66	62.5	60	56	51.5		65	40	142
NKP-G 40-250/230/B/ BAQE/15/2	1D2421BCV	3 x 400 V ~	15,0	20		26,5	IE3		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	1D2421BDB	3 x 400 V ~	18,5	25		33,0	IE2		83			83	82.5	81.5	80	77	74	71.5	67.5	63.5	58.5	65	40	177
NKP-G 40-250/245/B/ BAQE/18.5/2	1D2421BDV	3 x 400 V ~	18,5	25		32	IE3		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	1D2421BEB	3 x 400 V ~	22,0	30		39,5	IE2		96			95	94.5	93.5	92	90	87.5	84	81	76.5	71.5	65	40	182
NKP-G 40-250/260/B/ BAQE/22/2	1D2421BEV	3 x 400 V ~	22,0	30		38	IE3		96			95	94.5	93.5	92	90	87.5	84	81	76.5	71.5	65	40	223

Counterflanges not included

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

NKP-G

STANDARDISED ENBLOC CENTRIFUGAL PUMPS

NKP-G - STANDARDISED ENBLOC - 2 POLES

BRONZE IMPELLER

≅ 2900 1/min

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA																		DNA	DNM	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOT. TYPE	Q=m³h	0	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150			
							Q=l/min	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	1D3121B7B	3 x 400 V ~	3,0	4	5,9	IE2		17	16.5	16	15.5	15	14.5	13.7	13	12	11	10	9						65	50	57
NKP-G 50-125/115/B/BAQE/ 3 /2	1D3121B7V	3 x 400 V ~	3,0	4	5,9	IE3		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	1D3121B8B	3 x 400 V ~	4,0	5.5	8,1	IE2		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	66
NKP-G 50-125/125/B/BAQE/ 4 /2	1D3121B8V	3 x 400 V ~	4,0	5.5	8,1	IE3		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	1D3121B9B	3 x 400 V ~	5,5	7.5	10,4	IE2		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
NKP-G 50-125/135/B/BAQE/ 5,5 /2	1D3121B9V	3 x 400 V ~	5,5	7.5	10,4	IE3		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	1D3121BAB	3 x 400 V ~	7,5	10	14,0	IE2		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 50-125/144/B/ BAQE/7,5/2	1D3121BAV	3 x 400 V ~	7,5	10	14,0	IE3		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	1D3221BAB	3 x 400 V ~	7,5	10	14,0	IE2		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	94
NKP-G 50-160/153/B/ BAQE/7.5/2	1D3221BAV	3 x 400 V ~	7,5	10	13,4	IE3		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	1D3221BBB	3 x 400 V ~	11,0	15	20,2	IE2		39.6		39.5	39.3	39.1	39	38.5	38	37.2	36.5	35	34	32.5					65	50	115
NKP-G 50-160/169/B/ BAQE/11/2	1D3221BBV	3 x 400 V ~	11,0	15	19,4	IE3	H (m)	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	1D3321BCB	3 x 400 V ~	15,0	20	27,0	IE2		55.1		54.7	54.6	54	53.5	52	51	49	47.5	45.5	43	41					65	50	138
NKP-G 50-200/200/B/ BAQE/15/2	1D3321BCV	3 x 400 V ~	15,0	20	26,5	IE3		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	1D3321BDB	3 x 400 V ~	18,5	25	33,0	IE2		61.7		61.7	61.6	61.5	60.5	59	58	56.5	55	53	51	48.5	43				65	50	166
NKP-G 50-200/210/B/ BAQE/18,5/2	1D3321BDV	3 x 400 V ~	18,5	25	32	IE3		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	1D3321BEB	3 x 400 V ~	22,0	30	39,5	IE2		67.7		67.5	67.4	66.5	66	65.5	64	62.5	61	59.5	57	55	50				65	50	179
NKP-G 50-200/219/B/ BAQE/22/2	1D3321BEV	3 x 400 V ~	22,0	30	38	IE3		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	1D3421BEB	3 x 400 V ~	22,0	30	39,5	IE2		73.6		73.2	73.1	72.8	72	71	68.5	67	65	62.5	60	57	49				65	50	182
NKP-G 50-250/230/B/ BAQE/22/2	1D3421BEV	3 x 400 V ~	22,0	30	38	IE3		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	1D3421BFB	3 x 400 V ~	30,0	40	52,0	IE2		93		92.5	92.3	92	91.5	91	89	87.5	86	83	81	78	72				65	50	325
NKP-G 50-250/257/B/ BAQE/30/2	1D3421BFV	3 x 400 V ~	30,0	40	52	IE3		93		92.5	92.3	92	91.5	91	89	87.5	86	83	81	78	72				65	50	351

Counterflanges not included

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

NKP-G

STANDARDISED ENBLOC CENTRIFUGAL PUMPS

NKP-G - STANDARDISED ENBLOC - 2 POLES

BRONZE IMPELLER

≅ 2900 1/min

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA																		DNA	DNM	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOT. TYPE	Q=m³h	0	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150			
							Q=l/min	0	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500			
NKP-G 65-125/120-110/B/ BAQE/4/2	1D4121B8B	3 x 400 V ~	4,0	5.5	8,1	IE2	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	64
NKP-G 65-125/120-110/B/ BAQE/4/2	1D4121B8V	3 x 400 V ~	4,0	5.5	8,1	IE3		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	1D4121B9B	3 x 400 V ~	5,5	7.5	10,4	IE2		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	86
NKP-G 65-125/127/B/BAQE/ 5,5 /2	1D4121B9V	3 x 400 V ~	5,5	7.5	10,4	IE3		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	1D4121BAB	3 x 400 V ~	7,5	10	14,0	IE2		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	91
NKP-G 65-125/137/B/ BAQE/7,5/2	1D4121BAV	3 x 400 V ~	7,5	10	13,4	IE3		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	1D4221BBB	3 x 400 V ~	11,0	15	20,2	IE2		32.5					32.3	32	31.9	31.3	30.2	30	29.2	28.7	27	24.8	23.6		80	65	122
NKP-G 65-160/157/B/ BAQE/11/2	1D4221BBV	3 x 400 V ~	11,0	15	19,4	IE3		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	1D4221BCB	3 x 400 V ~	15,0	20	27,0	IE2		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	134
NKP-G 65-160/173/B/ BAQE/15/2	1D4221BCV	3 x 400 V ~	15,0	20	26,5	IE3		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	1D4321BDB	3 x 400 V ~	18,5	25	33,0	IE2		51.1					51	50.8	50.5	50	49	48.5	48	47.5	45	42.5	41		80	65	165
NKP-G 65-200/190/B/ BAQE/18,5/2	1D4321BDV	3 x 400 V ~	18,5	25	32	IE3		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	1D4321BEB	3 x 400 V ~	22,0	30	39,5	IE2		56.4					56.1	56.1	56	55.8	55.5	55	54.8	54.5	53	51	49		80	65	183
NKP-G 65-200/200/B/ BAQE/22/2	1D4321BEV	3 x 400 V ~	22,0	30	38	IE3		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	1D4321BFB	3 x 400 V ~	30,0	40	52,0	IE2		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	234
NKP-G 65-200/219/B/ BAQE/30/2	1D4321BFV	3 x 400 V ~	30,0	40	52	IE3		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	ELECTRICAL DATA					HYDRAULIC DATA									DNA	DNM	Weight Kg
		VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOT. TYPE	Q=m³h	0	90	102	114	120	150	180	210	240			
							Q=l/min	0	1500	1700	1900	2000	2500	3000	3500	4000			
NKP-G 80-160/147-127/ BAQE/11/2	1D5221BBB	3 x 400 V ~	11,0	15	20,2	IE2	H (m)	24	22	21.4	20.4	20	17.4	16.8	12		100	80	131
NKP-G 80-160/147-127/ BAQE/11/2	1D5221BBV	3 x 400 V ~	11,0	15	19,4	IE3		24	22	21.4	20.4	20	17.4	16.8	12		100	80	179
NKP-G 80-160/153/B/ BAQE/15/2	1D5221BCB	3 x 400 V ~	15,0	20	27,0	IE2		30.5	29	28.4	27.5	27	24.5	21.3	18.3		100	80	149
NKP-G 80-160/153/B/ BAQE/15/2	1D5221BCV	3 x 400 V ~	15,0	20	26,5	IE3		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	1D5221BDB	3 x 400 V ~	18,5	25	33,0	IE2		35.5	34.3	33.6	32.6	32.3	29.8	26.8	23.6	20	100	80	173
NKP-G 80-160/163/B/ BAQE/18,5/2	1D5221BDV	3 x 400 V ~	18,5	25	32	IE3		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	1D5221BEB	3 x 400 V ~	22,0	30	39,5	IE2		38.5	37.2	36.8	36	35.8	33.5	30.8	27.5	24	100	80	187
NKP-G 80-160/169/B/ BAQE/22/2	1D5221BEV	3 x 400 V ~	22,0	30	38	IE3		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	1D5321BFB	3 x 400 V ~	30,0	40	52,0	IE2		48.3	47.9	47.6	47.5	47.3	44.7	41	36	29	100	80	340
NKP-G 80-200/190/B/ BAQE/30/2	1D5321BFV	3 x 400 V ~	30,0	40	52,0	IE3		48.3	47.9	47.6	47.5	47.3	44.7	41	36	29	100	80	374

Counterflanges not included

SPECIAL VERSION

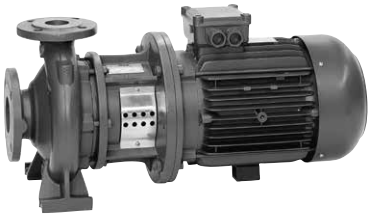
MODEL
NKM-G/NKP-G 32/125.1
NKM-G/NKP-G 32/160.1
NKM-G/NKP-G 32/200.1
NKM-G/NKP-G 32/125
NKM-G/NKP-G 32/160
NKM-G/NKP-G 32/200
NKM-G/NKP-G 40/125
NKM-G/NKP-G 40/160
NKM-G/NKP-G 40/200
NKM-G/NKP-G 40/250
NKM-G/NKP-G 50/125
NKM-G/NKP-G 50/160
NKM-G/NKP-G 50/200
NKM-G/NKP-G 50/250
NKM-G/NKP-G 65/125
NKM-G/NKP-G 65/160
NKM-G/NKP-G 65/200
NKM-G 65/250
NKM-G 65/315
NKM-G/NKP-G 80/160
NKM-G/NKP-G 80/200
NKM-G 80/250
NKM-G 80/315
NKM-G 100/200
NKM-G 100/250
NKM-G 100/315
NKM-G 125/250
NKM-G 150/200

VERSIONS WITH SPECIAL MECHANICAL SEALS

(1) Ref. Technical catalogue mechanical seal “E version” = Silicon carbide/silicon carbide/EPDM

(2) Ref. Technical catalogue mechanical seal “C version” = with rubber bellow: silicon carbide/silicon carbide/Viton

(3) Ref. Technical catalogue mechanical seal “D version” = with rubber bellow: carbon/silicon carbide/Viton



MODEL
NKM-G / NKP-G 32/125.1
NKM-G / NKP-G 32/125
NKM-G / NKP-G 32/160.1
NKM-G / NKP-G 32/160
NKM-G / NKP-G 32/200.1
NKM-G / NKP-G 32/200
NKM-G / NKP-G 40/125
NKM-G / NKP-G 40/160
NKM-G / NKP-G 40/200
NKM-G / NKP-G 40/250
NKM-G / NKP-G 50/125
NKM-G / NKP-G 50/160
NKM-G / NKP-G 50/200
NKM-G / NKP-G 50/250
NKM-G / NKP-G 65/125
NKM-G / NKP-G 65/160
NKM-G / NKP-G 65/200
NKM-G / NKP-G 65/250
NKM-G / NKP-G 65/315
NKM-G / NKP-G 80/160
NKM-G / NKP-G 80/200
NKM-G / NKP-G 80/250
NKM-G / NKP-G 80/315
NKM-G / NKP-G 100/200
NKM-G / NKP-G 100/250
NKM-G / NKP-G 100/315
NKM-G / NKP-G 125/250
NKM-G / NKP-G 150/200

CATAPHORESY COATING FOR COMPONENTS IN CONTACT WITH LIQUID

STANDARDISED CENTRIFUGAL PUMPS - KDN

PERFORMANCE RANGE

4 POLES = 1450 1/min

MODEL	Q (m^3/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		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	H (m)	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

STANDARDISED CENTRIFUGAL PUMPS - KDN

PERFORMANCE RANGE

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		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	H	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	(m)	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 PUMPS - KDN

PERFORMANCE RANGE

2 POLES = 2900 1/min

MODEL	Q (m^3/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		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	H (m)	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 32-200.½00		51.5	51	47.3	41	35					
KDN 32-200.½07		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 PUMPS - KDN

PERFORMANCE RANGE

2 POLES = 2900 1/min

MODEL	Q (m^3/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		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	H (m)	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	18	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

STANDARDISED CENTRIFUGAL PUMPS - KDN

PERFORMANCE RANGE

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		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	17.9	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	H (m)	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	

IE2 ≥ 0,75kW ONLY FOR EXTRA MARKETS EU

KDN

STANDARDISED CENTRIFUGAL PUMPS

CE

CONDITIONING, IRRIGATION, WATER TRANSFER, PRESSURIZATION, INDUSTRIAL APPLICATION

Enbloc, centrifugal electric pumps with coupling designed for a wide range of applications such as:
- Supplying water.
- The circulation of hot water for central heating.
- The circulation of cold water for air conditioning and refrigerating.
- The transfer of liquids in agriculture, horticulture and industries.
- The implementation of pumping systems.

These can be connected to a two or four poles electric motor with a coupling and mounted on a pressed metal bedplate in accordance with UNI EN 23661.
Single-stage, cast iron spiral body made to DIN-EN 733 (formerly DIN 24255), cast iron seal holder cover and motor support, flanges in accordance with DIN 2533 (DIN 2532 for DN 200).
Impeller in cast iron, encased and dynamically balanced with compensation of the axial thrust by means of balancing holes, operating (on request) with interchangeable consumable rings.
Stainless steel pump shaft supported by two large maintenance-free greased ball bearings, housed inside a special chamber of the support. Standard seal: standardised mechanical seal made to DIN 24960 in carbon/carborundum with O' rings in EPDM. Packing on request with hydraulic lubricating ring and stuffing box in two easily removable parts.

Speed of rotation: 1450 - 2900 1/min.
Operating range: from 1 to 500 m^3/h with a head of up to 100 metres.
Pumped liquid: clean, without solid or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral, close to water characteristics.
Liquid temperature range: from -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
Installation: normally horizontal.
Special versions on request: pumps for liquids other than water.
Packing (can also be fed externally).
Other voltages and/or frequencies.

ACCESSORIES PAG. 203

KDN - STANDARDISED CENTRIFUGAL PUMPS ON SKID

MODEL		Power (kW) 4 poles	Power (kW) 2 poles	CAST IRON IMPELLER CODE	VOLTAGE 50 Hz	In A	MOTOR TYPE	Flange dimensions DNA	Flange dimensions DNM	BRONZE IMPELLER CODE	standard coupling Weight Kg	spacer coupling Weight Kg
KDN 32-125.1	4 poles	0,37	–	1D1K11113	3 x 230 - 400 V ~	1,7/0,975	–	50	32	1D1K21113	81	86
		0,55	–	1D1K11123	3 x 230 - 400 V ~	2,6/1,5	–	50	32	1D1K21123	83	88
	2 poles	–	0.75	1D1K1113A	3 x 230 - 400 V ~	2,81/1,62	IE2	50	32	1D1K2113A	85	90
				1D1K1113U	3 x 230 - 400 V ~	2,81/1,62	IE3	50	32	1D1K2113U	79	84
		–	1.1	1D1K1114A	3 x 230 - 400 V ~	4,07/2,36	IE2	50	32	1D1K2114A	86	91
				1D1K1114U	3 x 230 - 400 V ~	4,07/2,36	IE3	50	32	1D1K2114U	79	84
		–	1.5	1D1K1115A	3 x 230 - 400 V ~	5,80/3,35	IE2	50	32	1D1K2115A	93	98
				1D1K1115U	3 x 230 - 400 V ~	5,80/3,35	IE3	50	32	1D1K2115U	87	92
		–	2.2	1D1K1116A	3 x 230 - 400 V ~	8,23/4,75	IE2	50	32	1D1K2116A	100	105
				1D1K1116U	3 x 230 - 400 V ~	8,23/4,75	IE3	50	32	1D1K2116U	92	97
		–	3	1D1K1117B	3 x 400 V ~ (1)	5,85	IE2	50	32	1D1K2117B	102	107
				1D1K1117V	3 x 400 V ~ (1)	5,85	IE3	50	32	1D1K2117V	91	96
		–	4	1D1K1118B	3 x 400 V ~(1)	8,05	IE2	50	32	1D1K2118B	102	107
				1D1K1118V	3 x 400 V ~(1)	8,05	IE3	50	32	1D1K2118V	84	89

(1) Star starting is possible

Counterflanges not included

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

KDN

STANDARDISED CENTRIFUGAL PUMPS

MODEL		Power (kW) 4 poles	Power (kW) 2 poles	CAST IRON IMPELLER CODE	VOLTAGE 50 Hz	In A	MOTOR TYPE	Flange dimensions DNA	Flange dimensions DNM	BRONZE IMPELLER CODE	standard coupling Weight Kg	spacer coupling Weight Kg
KDN 32-125	4 poles	0,37	–	1D1111113	3 x 230 - 400 V ~	1,7/0,975	–	50	32	1D1121113	81	86
		0,55	–	1D1111123	3 x 230 - 400 V ~	2,6/1,5	–	50	32	1D1121123	83	88
		0,75	–	1D111113C	3 x 230 - 400 V ~	3,57/2,06	IE2	50	32	1D112113C	84	89
				1D111113W	3 x 230 - 400 V ~	3,57/2,06	IE3	50	32	1D112113W	78	83
	2 poles	–	1.1	1D111114A	3 x 230 - 400 V ~	4,07/2,36	IE2	50	32	1D112114A	85	90
				1D111114U	3 x 230 - 400 V ~	4,07/2,36	IE3	50	32	1D112114U	78	83
		–	1.5	1D111115A	3 x 230 - 400 V ~	5,80/3,35	IE2	50	32	1D112115A	86	91
				1D111115U	3 x 230 - 400 V ~	5,80/3,35	IE3	50	32	1D112115U	80	85
		–	2.2	1D111116A	3 x 230 - 400 V ~	8,23/4,75	IE2	50	32	1D112116A	93	98
				1D111116U	3 x 230 - 400 V ~	8,23/4,75	IE3	50	32	1D112116U	85	90
		–	3	1D111117B	3 x 400 V ~(1)	5,85	IE2	50	32	1D112117B	96,3	101,3
				1D111117V	3 x 400 V ~(1)	5,85	IE3	50	32	1D112117V	85	90
		–	4	1D111118B	3 x 400 V ~(1)	8,05	IE2	50	32	1D112118B	117	122
				1D111118V	3 x 400 V ~(1)	8,05	IE3	50	32	1D112118V	99	104
KDN 32-160.1	4 poles	0,37	–	1D1L11113	3 x 230 - 400 V ~	1,7/0,975	–	50	32	1D1L21113	83	88
		0,55	–	1D1L11123	3 x 230 - 400 V ~	2,6/1,5	–	50	32	1D1L21123	86	91
		0,75	–	1D1L1113C	3 x 230 - 400 V ~	3,57/2,07	IE2	50	32	1D1L2113C	86	91
				1D1L1113W	3 x 230 - 400 V ~	3,57/2,07	IE3	50	32	1D1L2113W	80	85
	2 poles	–	1.1	1D1L1114A	3 x 230 - 400 V ~	4,07/2,36	IE2	50	32	1D1L2114A	91	96
				1D1L1114U	3 x 230 - 400 V ~	4,07/2,36	IE3	50	32	1D1L2114U	81	86
		–	1.5	1D1L1115A	3 x 230 - 400 V ~	5,80/3,35	IE2	50	32	1D1L2115A	94	99
				1D1L1115U	3 x 230 - 400 V ~	5,80/3,35	IE3	50	32	1D1L2115U	88	93
		–	2.2	1D1L1116A	3 x 230 - 400 V ~	8,23/4,75	IE2	50	32	1D1L2116A	102	107
				1D1L1116U	3 x 230 - 400 V ~	8,23/4,75	IE3	50	32	1D1L2116U	94	99
		–	3	1D1L1117B	3 x 400 V ~(1)	5,85	IE2	50	32	1D1L2117B	102	107
				1D1L1117V	3 x 400 V ~(1)	5,85	IE3	50	32	1D1L2117V	91	96
		–	4	1D1L1118B	3 x 400 V ~(1)	8,05	IE2	50	32	1D1L2118B	104	109
				1D1L1118V	3 x 400 V ~(1)	8,05	IE3	50	32	1D1L2118V	86	91
		–	5.5	1D1L1119B	3 x 400 V ~(1)	10,4	IE2	50	32	1D1L2119B	136	141
				1D1L1119V	3 x 400 V ~(1)	10,4	IE3	50	32	1D1L2119V	117	122
KDN 32-160	4 poles	0,37	–	1D1211113	3 x 230 - 400 V ~	1,7/0,975	–	50	32	1D1221113	83	88
		0,55	–	1D1211123	3 x 230 - 400 V ~	2,6/1,5	–	50	32	1D1221123	85	90
		0,75	–	1D121113C	3 x 230 - 400 V ~	3,57/2,07	IE2	50	32	1D122113C	86	91
				1D121113W	3 x 230 - 400 V ~	3,57/2,07	IE3	50	32	1D122113W	80	85
		1,1	–	1D121114C	3 x 230 - 400 V ~	4,68/2,7	IE2	50	32	1D122114C	88	93
				1D121114W	3 x 230 - 400 V ~	4,68/2,7	IE3	50	32	1D122114W	78	83
	2 poles	–	2.2	1D121116A	3 x 230 - 400 V ~	8,23/4,75	IE2	50	32	1D122116A	92	100
				1D121116U	3 x 230 - 400 V ~	8,23/4,75	IE3	50	32	1D122116U	84	92
		–	3	1D121117B	3 x 400 V ~(1)	5,85	IE2	50	32	1D122117B	102	107
				1D121117V	3 x 400 V ~(1)	5,85	IE3	50	32	1D122117V	91	96
		–	4	1D121118B	3 x 400 V ~(1)	8,05	IE2	50	32	1D122118B	104	109
				1D121118V	3 x 400 V ~(1)	8,05	IE3	50	32	1D122118V	86	91
		–	5.5	1D121119B	3 x 400 V ~(1)	10,4	IE2	50	32	1D122119B	136	141
				1D121119V	3 x 400 V ~(1)	10,4	IE3	50	32	1D122119V	117	122
		–	7.5	1D12111AB	3 x 400 V ~(1)	14	IE2	50	32	1D12211AB	139	144
				1D12111AV	3 x 400 V ~(1)	13,4	IE3	50	32	1D12211AV	-	118

(1) Star starting is possible

Counterflanges not included

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

KDN

STANDARDISED CENTRIFUGAL PUMPS

MODEL		Power (kW) 4 poles	Power (kW) 2 poles	CAST IRON IMPELLER CODE	VOLTAGE 50 Hz	In A	MOTOR TYPE	Flange dimensions DNA	Flange dimensions DNM	BRONZE IMPELLER CODE	standard coupling Weight Kg	spacer coupling Weight Kg
KDN 32-200.1	4 poles	0,37	–	1D1M11113	3 x 230 - 400 V ~	1,7/0,975	–	50	32	1D1M21113	87	92
		0,55	–	1D1M11123	3 x 230 - 400 V ~	2,6/1,5	–	50	32	1D1M21123	89	94
		0,75	–	1D1M1113C	3 x 230 - 400 V ~	3,57/2,09	IE2	50	32	1D1M2113C	101	106
				1D1M1113W	3 x 230 - 400 V ~	3,57/2,09	IE3	50	32	1D1M2113W	95	100
		1,1	–	1D1M1114C	3 x 230 - 400 V ~	4,68/2,7	IE2	50	32	1D1M2114C	106	111
				1D1M1114W	3 x 230 - 400 V ~	4,68/2,7	IE3	50	32	1D1M2114W	96	101
	2 poles	–	2.2	1D1M1116A	3 x 230 - 400 V ~	8,23/4,75	IE2	50	32	1D1M2116A	108	113
				1D1M1116U	3 x 230 - 400 V ~	8,23/4,75	IE3	50	32	1D1M2116U	98	103
		–	3	1D1M1117B	3 x 400 V ~(1)	5,85	IE2	50	32	1D1M2117B	140	145
				1D1M1117V	3 x 400 V ~(1)	5,85	IE3	50	32	1D1M2117V	129	134
		–	4	1D1M1118B	3 x 400 V ~(1)	8,05	IE2	50	32	1D1M2118B	143	148
				1D1M1118V	3 x 400 V ~(1)	8,05	IE3	50	32	1D1M2118V	125	130
		–	5.5	1D1M1119B	3 x 400 V ~(1)	10,4	IE2	50	32	1D1M2119B	143	148
				1D1M1119V	3 x 400 V ~(1)	10,4	IE3	50	32	1D1M2119V	124	129
		–	7.5	1D1M111AB	3 x 400 V ~(1)	14	IE2	50	32	1D1M211AB	166	171
				1D1M111AV	3 x 400 V ~(1)	13,4	IE3	50	32	1D1M211AV	925	145
KDN 32-200	4 poles	0.37	–	1D1311113	3 x 230 - 400 V ~	1,7/0,975	–	50	32	1D1321113	87	92
		0.55	–	1D1311123	3 x 230 - 400 V ~	2,6/1,5	–	50	32	1D1321123	89	94
		0.75	–	1D131113C	3 x 230 - 400 V ~	3,57/2,08	IE2	50	32	1D132113C	90	95
				1D131113W	3 x 230 - 400 V ~	3,57/2,08	IE3	50	32	1D132113W	84	89
		1.1	–	1D131114C	3 x 230 - 400 V ~	4,68/2,8	IE2	50	32	1D132114C	101	106
				1D131114W	3 x 230 - 400 V ~	4,68/2,8	IE3	50	32	1D132114W	91	96
		1.5	–	1D131115C	3 x 230 - 400 V ~	6,24/3,6	IE2	50	32	1D132115C	101	106
				1D131115W	3 x 230 - 400 V ~	6,24/3,6	IE3	50	32	1D132115W	87	92
		2.2	–	1D131116C	3 x 230 - 400 V ~	8,75/5,05	IE2	50	32	1D132116C	102	107
				1D131116W	3 x 230 - 400 V ~	8,75/5,05	IE3	50	32	1D132116W	92	97
	2 poles	–	3	1D131117B	3 x 400 V ~(1)	5,85	IE2	50	32	1D132117B	103	108
				1D131117V	3 x 400 V ~(1)	5,85	IE3	50	32	1D132117V	92	97
		–	4	1D131118B	3 x 400 V ~(1)	8,05	IE2	50	32	1D132118B	104	109
				1D131118V	3 x 400 V ~(1)	8,05	IE3	50	32	1D132118V	86	91
		–	5.5	1D131119B	3 x 400 V ~(1)	10,4	IE2	50	32	1D132119B	143	148
				1D131119V	3 x 400 V ~(1)	10,4	IE3	50	32	1D132119V	124	129
		–	7.5	1D13111AB	3 x 400 V ~(1)	14	IE2	50	32	1D13211AB	177	182
				1D13111AV	3 x 400 V ~(1)	13,4	IE3	50	32	1D13211AV	151	156
		–	11	1D13111BB	3 x 400 V ~(1)	20,2	IE2	50	32	1D13211BB	237	242
				1D13111BV	3 x 400 V ~(1)	19,4	IE3	50	32	1D13211BV	214	219
		–	15	1D13111CB	3 x 400 V ~(1)	27	IE2	50	32	1D13211CB	248	253
				1D13111CV	3 x 400 V ~(1)	26,5	IE3	50	32	1D13211CV	221	226
KDN 40-125	4 poles	0.37	–	1D2111113	3 x 230 - 400 V ~	1,7/0,975	–	65	40	1D2121113	81	86
		0.55	–	1D2111123	3 x 230 - 400 V ~	2,6/1,5	–	65	40	1D2121123	83	88
		0.75	–	1D211113C	3 x 230 - 400 V ~	3,57/2,10	IE2	65	40	1D212113C	84	89
				1D211113W	3 x 230 - 400 V ~	3,57/2,10	IE3	65	40	1D212113W	78	83
		1.1	–	1D211114C	3 x 230 - 400 V ~	4,68/2,9	IE2	65	40	1D212114C	86	81
				1D211114W	3 x 230 - 400 V ~	4,68/2,9	IE3	65	40	1D212114W	76	71
	2 poles	–	1.5	1D211115A	3 x 230 - 400 V ~	5,80/3,35	IE2	65	40	1D212115A	86	91
				1D211115U	3 x 230 - 400 V ~	5,80/3,35	IE3	65	40	1D212115U	80	85
		–	2.2	1D211116A	3 x 230 - 400 V ~	8,23/4,75	IE2	65	40	1D212116A	91	96
				1D211116U	3 x 230 - 400 V ~	8,23/4,75	IE3	65	40	1D212116U	83	88
		–	3	1D211117B	3 x 400 V ~(1)	5,85	IE2	65	40	1D212117B	91	96
				1D211117V	3 x 400 V ~(1)	5,85	IE3	65	40	1D212117V	80	85
		–	4	1D211118B	3 x 400 V ~(1)	8,05	IE2	65	40	1D212118B	102	107
				1D211118V	3 x 400 V ~(1)	8,05	IE3	65	40	1D212118V	84	89
		–	5.5	1D211119B	3 x 400 V ~(1)	10,4	IE2	65	40	1D212119B	134	139
				1D211119V	3 x 400 V ~(1)	10,4	IE3	65	40	1D212119V	115	120
		–	7.5	1D21111AB	3 x 400 V ~(1)	14	IE2	65	40	1D21211AB	137	142
				1D21111AV	3 x 400 V ~(1)	13,4	IE3	65	40	1D21211AV	925	116

(1) Star starting is possible

Counterflanges not included

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

KDN

STANDARDISED CENTRIFUGAL PUMPS

MODEL		Power (kW)		CAST IRON IMPELLER	VOLTAGE 50 Hz	In A	MOTOR TYPE	Flange dimensions		BRONZE IMPELLER	standard coupling	spacer coupling
		4 poles	2 poles	CODE				DNA	DNM	CODE	Weight Kg	Weight Kg
KDN 40-160	4 poles	0.37	–	1D2211113	3 x 230 - 400 V ~	1,7/0,975	–	65	40	1D2221113	85	90
		0.55	–	1D2211123	3 x 230 - 400 V ~	2,6/1,5	–	65	40	1D2221123	89	94
		0.75	–	1D221113C	3 x 230 - 400 V ~	3,57/2,11	IE2	65	40	1D222113C	89	94
				1D221113W	3 x 230 - 400 V ~	3,57/2,11	IE3	65	40	1D222113W	83	88
		1.1	–	1D221114C	3 x 230 - 400 V ~	4,68/2,10	IE2	65	40	1D222114C	91	96
				1D221114W	3 x 230 - 400 V ~	4,68/2,10	IE3	65	40	1D222114W	81	86
		1.5	–	1D221115C	3 x 230 - 400 V ~	6,24/3,7	IE2	65	40	1D222115C	101	106
				1D221115W	3 x 230 - 400 V ~	6,24/3,7	IE3	65	40	1D222115W	87	92
	2 poles	–	3	1D221117B	3 x 400 V ~ (1)	5,85	IE2	65	40	1D222117B	102	107
				1D221117V	3 x 400 V ~ (1)	5,85	IE3	65	40	1D222117V	91	96
		–	4	1D221118B	3 x 400 V ~ (1)	8,05	IE2	65	40	1D222118B	104	109
				1D221118V	3 x 400 V ~ (1)	8,05	IE3	65	40	1D222118V	86	91
		–	5.5	1D221119B	3 x 400 V ~ (1)	10,4	IE2	65	40	1D222119B	160	165
				1D221119V	3 x 400 V ~ (1)	10,4	IE3	65	40	1D222119V	141	146
		–	7.5	1D22111AB	3 x 400 V ~ (1)	14	IE2	65	40	1D22211AB	165	170
				1D22111AV	3 x 400 V ~ (1)	13,4	IE3	65	40	1D22211AV	139	144
		–	11	1D22111BB	3 x 400 V ~ (1)	20,2	IE2	65	40	1D22211BB	173	178
				1D22111BV	3 x 400 V ~ (1)	19,4	IE3	65	40	1D22211BV	150	155
		–	15	1D22111CB	3 x 400 V ~ (1)	27	IE2	65	40	1D22211CB	173	178
				1D22111CV	3 x 400 V ~(*)	26,5	IE3	65	40	1D22211CV	146	151
KDN 40-200	4 poles	0.55	–	1D2311123	3 x 230 - 400 V ~	2,6/1,5	–	65	40	1D2321123	98	103
		0.75	–	1D231113C	3 x 230 - 400 V ~	3,57/2,12	IE2	65	40	1D232113C	98	103
				1D231113W	3 x 230 - 400 V ~	3,57/2,12	IE3	65	40	1D232113W	92	97
		1.1	–	1D231114C	3 x 230 - 400 V ~	4,68/2,11	IE2	65	40	1D232114C	101	106
				1D231114W	3 x 230 - 400 V ~	4,68/2,11	IE3	65	40	1D232114W	91	96
		1.5	–	1D231115C	3 x 230 - 400 V ~	6,24/3,8	IE2	65	40	1D232115C	105	110
				1D231115W	3 x 230 - 400 V ~	6,24/3,8	IE3	65	40	1D232115W	91	96
		2.2	–	1D231116C	3 x 230 - 400 V ~	8,75/5,06	IE2	65	40	1D232116C	111	116
				1D231116W	3 x 230 - 400 V ~	8,75/5,06	IE3	65	40	1D232116W	101	106
		3	–	1D231117D	3 x 400 V ~(1)	6,25	IE2	65	40	1D232117D	118	123
				1D231117X	3 x 400 V ~(1)	6,25	IE3	65	40	1D232117X	104	109
	2 poles	–	4	1D231118B	3 x 400 V ~(1)	8,05	IE2	65	40	1D232118B	135	140
				1D231118V	3 x 400 V ~(1)	8,05	IE3	65	40	1D232118V	117	122
		–	5.5	1D231119B	3 x 400 V ~ (1)	10,4	IE2	65	40	1D232119B	146	151
				1D231119V	3 x 400 V ~ (1)	10,4	IE3	65	40	1D232119V	127	132
		–	7.5	1D23111AB	3 x 400 V ~ (1)	14	IE2	65	40	1D23211AB	147	152
				1D23111AV	3 x 400 V ~ (1)	13,4	IE3	65	40	1D23211AV	121	126
		–	11	1D23111BB	3 x 400 V ~ (1)	20,2	IE2	65	40	1D23211BB	221	226
				1D23111BV	3 x 400 V ~ (1)	19,4	IE3	65	40	1D23211BV	198	203
		–	15	1D23111CB	3 x 400 V ~ (1)	27	IE2	65	40	1D23211CB	231	236
				1D23111CV	3 x 400 V ~ (1)	26,5	IE3	65	40	1D23211CV	204	209
		–	18.5	1D23111DB	3 x 400 V ~ (1)	33	IE2	65	40	1D23211DB	231	236
				1D23111DV	3 x 400 V ~(1)	32	IE3	65	40	1D23211DV	199	204

(1) Star starting is possible

Counterflanges not included

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

KDN

STANDARDISED CENTRIFUGAL PUMPS

MODEL		Power (kW) 4 poles	Power (kW) 2 poles	CAST IRON IMPELLER CODE	VOLTAGE 50 Hz	In A	MOTOR TYPE	Flange dimensions DNA	Flange dimensions DNM	BRONZE IMPELLER CODE	standard coupling Weight Kg	spacer coupling Weight Kg
KDN 40-250	4 poles	1.5	–	1D241115C	3 x 230 - 400 V ~	6,24/3,9	IE2	65	40	1D242115C	125	130
				1D241115W	3 x 230 - 400 V ~	6,24/3,9	IE3	65	40	1D242115W	111	116
		2.2	–	1D241116C	3 x 230 - 400 V ~	8,75/5,07	IE2	65	40	1D242116C	129	134
				1D241116W	3 x 230 - 400 V ~	8,75/5,07	IE3	65	40	1D242116W	119	124
		3	–	1D241117D	3 x 400 V ~ (1)	6,25	IE2	65	40	1D242117D	149	154
				1D241117X	3 x 400 V ~ (1)	6,25	IE3	65	40	1D242117X	135	140
		4	–	1D241118D	3 x 400 V ~ (1)	7,95	IE2	65	40	1D242118D	200	205
				1D241118X	3 x 400 V ~ (1)	7,95	IE3	65	40	1D242118X	179	184
	2 poles	–	11	1D24111BB	3 x 400 V ~ (1)	20,2	IE2	65	40	1D24211BB	236	241
				1D24111BV	3 x 400 V ~ (1)	19,4	IE3	65	40	1D24211BV	213	218
		–	15	1D24111CB	3 x 400 V ~ (1)	27	IE2	65	40	1D24211CB	278	283
				1D24111CV	3 x 400 V ~ (1)	26,5	IE3	65	40	1D24211CV	251	256
		–	18.5	1D24111DB	3 x 400 V ~ (1)	33	IE2	65	40	1D24211DB	298	303
				1D24111DV	3 x 400 V ~ (1)	32	IE3	65	40	1D24211DV	266	271
		–	22	1D24111EB	3 x 400 V ~ (1)	39,5	IE2	65	40	1D24211EB	320	325
				1D24111EV	3 x 400 V ~ (1)	38	IE3	65	40	1D24211EV	278	283
		–	30	1D24111FB	3 x 400 V ~ (1)	52	IE2	65	40	1D24211FB	320	325
				1D24111FV	3 x 400 V ~(1)	52	IE3	65	40	1D24211FV	332	337
KDN 50-125	4 poles	0.37	–	1D3111113	3 x 230 - 400 V ~	1,7/0,975	–	65	50	1D3121113	87	92
		0.55	–	1D3111123	3 x 230 - 400 V ~	2,6/1,5	–	65	50	1D3121123	90	95
		0.75	–	1D311113C	3 x 230 - 400 V ~	3,57/2,13	IE2	65	50	1D312113C	91	96
				1D311113W	3 x 230 - 400 V ~	3,57/2,13	IE3	65	50	1D312113W	85	90
		1.1	–	1D311114C	3 x 230 - 400 V ~	4,68/2,12	IE2	65	50	1D312114C	93	98
				1D311114W	3 x 230 - 400 V ~	4,68/2,12	IE3	65	50	1D312114W	83	88
		1.5	–	1D311115C	3 x 230 - 400 V ~	6,24/3,10	IE2	65	50	1D312115C	101	106
				1D311115W	3 x 230 - 400 V ~	6,24/3,10	IE3	65	50	1D312115W	87	92
	2 poles	–	3	1D311117B	3 x 400 V ~ (1)	5,85	IE2	65	50	1D312117B	105	110
				1D311117V	3 x 400 V ~ (1)	5,85	IE3	65	50	1D312117V	94	99
		–	4	1D311118B	3 x 400 V ~ (1)	8,05	IE2	65	50	1D312118B	109	114
				1D311118V	3 x 400 V ~ (1)	8,05	IE3	65	50	1D312118V	91	96
		–	5.5	1D311119B	3 x 400 V ~ (1)	10,4	IE2	65	50	1D312119B	143	148
				1D311119V	3 x 400 V ~ (1)	10,4	IE3	65	50	1D312119V	143	148
		–	7.5	1D31111AB	3 x 400 V ~ (1)	14	IE2	65	50	1D31211AB	143	148
				1D31111AV	3 x 400 V ~ (1)	13,4	IE3	65	50	1D31211AV	117	122
		–	11	1D31111BB	3 x 400 V ~ (1)	20,2	IE2	65	50	1D31211BB	143	148
				1D31111BV	3 x 400 V ~ (1)	19,4	IE3	65	50	1D31211BV	120	125
KDN 50-160	4 poles	0.55	–	1D3211123	3 x 230 - 400 V ~	2,6/1,5	–	65	50	1D3221123	97	102
		0.75	–	1D321113C	3 x 230 - 400 V ~	3,57/2,14	IE2	65	50	1D322113C	98	103
				1D321113W	3 x 230 - 400 V ~	3,57/2,14	IE3	65	50	1D322113W	92	97
		1.1	–	1D321114C	3 x 230 - 400 V ~	4,68/2,13	IE2	65	50	1D322114C	100	105
				1D321114W	3 x 230 - 400 V ~	4,68/2,13	IE3	65	50	1D322114W	90	95
		1.5	–	1D321115C	3 x 230 - 400 V ~	6,24/3,11	IE2	65	50	1D322115C	103	108
				1D321115W	3 x 230 - 400 V ~	6,24/3,11	IE3	65	50	1D322115W	89	94
		2.2	–	1D321116C	3 x 230 - 400 V ~	8,75/5,08	IE2	65	50	1D322116C	107	112
				1D321116W	3 x 230 - 400 V ~	8,75/5,08	IE3	65	50	1D322116W	97	102
		3	–	1D321117D	3 x 400 V ~ (1)	6,25	IE2	65	50	1D322117D	110	115
				1D321117X	3 x 400 V ~ (1)	6,25	IE3	65	50	1D322117X	96	101
	2 poles	–	4	1D321118B	3 x 400 V ~ (1)	8,05	IE2	65	50	1D322118B	132	137
				1D321118V	3 x 400 V ~ (1)	8,05	IE3	65	50	1D322118V	114	119
		–	5.5	1D321119B	3 x 400 V ~ (1)	10,4	IE2	65	50	1D322119B	143	148
				1D321119V	3 x 400 V ~ (1)	10,4	IE3	65	50	1D322119V	124	129
		–	7.5	1D32111AB	3 x 400 V ~ (1)	14	IE2	65	50	1D32211AB	177	182
				1D32111AV	3 x 400 V ~ (1)	13,4	IE3	65	50	1D32211AV	151	156
		–	11	1D32111BB	3 x 400 V ~ (1)	20,2	IE2	65	50	1D32211BB	188	193
				1D32111BV	3 x 400 V ~ (1)	19,4	IE3	65	50	1D32211BV	165	170
		–	15	1D32111CB	3 x 400 V ~ (1)	27	IE2	65	50	1D32211CB	200	205
				1D32111CV	3 x 400 V ~ (1)	26,5	IE3	65	50	1D32211CV	173	178
		–	18.5	1D32111DB	3 x 400 V ~ (1)	33	IE2	65	50	1D32211DB	202	207
				1D32111DV	3 x 400 V ~(1)	32	IE3	65	50	1D32211DV	170	175

(1) Star starting is possible

Counterflanges not included

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

KDN

STANDARDISED CENTRIFUGAL PUMPS

MODEL		Power (kW) 4 poles	Power (kW) 2 poles	CAST IRON IMPELLER CODE	VOLTAGE 50 Hz	In A	MOTOR TYPE	Flange dimensions DNA	Flange dimensions DNM	BRONZE IMPELLER CODE	standard coupling Weight Kg	spacer coupling Weight Kg
KDN 50-200	4 poles	0.75	–	1D331113C	3 x 230 - 400 V ~	3,57/2,15	IE2	65	50	1D332113C	104	109
				1D331113W	3 x 230 - 400 V ~	3,57/2,15	IE3	65	50	1D332113W	98	103
		1.1	–	1D331114C	3 x 230 - 400 V ~	4,68/2,14	IE2	65	50	1D332114C	107	112
				1D331114W	3 x 230 - 400 V ~	4,68/2,14	IE3	65	50	1D332114W	97	102
		1.5	–	1D331115C	3 x 230 - 400 V ~	6,24/3,12	IE2	65	50	1D332115C	114	119
				1D331115W	3 x 230 - 400 V ~	6,24/3,12	IE3	65	50	1D332115W	100	105
		2.2	–	1D331116C	3 x 230 - 400 V ~	8,75/5,09	IE2	65	50	1D332116C	123	128
				1D331116W	3 x 230 - 400 V ~	8,75/5,09	IE3	65	50	1D332116W	113	118
		3	–	1D331117D	3 x 400 V ~(1)	6,25	IE2	65	50	1D332117D	122	127
				1D331117X	3 x 400 V ~(1)	6,25	IE3	65	50	1D332117X	108	113
		4	–	1D331118D	3 x 400 V ~ (1)	7,95	IE2	65	50	1D332118D	122	127
				1D331118X	3 x 400 V ~ (1)	7,95	IE3	65	50	1D332118X	101	106
	2 poles	–	7.5	1D33111AB	3 x 400 V ~ (1)	14	IE2	65	50	1D33211AB	176	181
				1D33111AV	3 x 400 V ~ (1)	13,4	IE3	65	50	1D33211AV	150	155
		–	11	1D33111BB	3 x 400 V ~ (1)	20,2	IE2	65	50	1D33211BB	186	191
				1D33111BV	3 x 400 V ~ (1)	19,4	IE3	65	50	1D33211BV	163	168
		–	15	1D33111CB	3 x 400 V ~ (1)	27	IE2	65	50	1D33211CB	280	285
				1D33111CV	3 x 400 V ~ (1)	26,5	IE3	65	50	1D33211CV	253	258
		–	18.5	1D33111DB	3 x 400 V ~ (1)	33	IE2	65	50	1D33211DB	283	288
				1D33111DV	3 x 400 V ~ (1)	32	IE3	65	50	1D33211DV	251	256
		–	22	1D33111EB	3 x 400 V ~ (1)	39,5	IE2	65	50	1D33211EB	290	295
				1D33111EV	3 x 400 V ~ (1)	38	IE3	65	50	1D33211EV	248	253
		–	30	1D33111FB	3 x 400 V ~ (1)	52	IE2	65	50	1D33211FB	290	295
				1D33111FV	3 x 400 V ~(1)	52	IE3	65	50	1D33211FV	302	307
KDN 50-250	4 poles	2.2	–	1D341116C	3 x 230 - 400 V ~	8,75/5,11	IE2	65	50	1D342116C	135	140
				1D341116W	3 x 230 - 400 V ~	8,75/5,11	IE3	65	50	1D342116W	125	130
		3	–	1D341117D	3 x 400 V ~ (1)	6,25	IE2	65	50	1D342117D	138	143
				1D341117X	3 x 400 V ~ (1)	6,25	IE3	65	50	1D342117X	124	129
		4	–	1D341118D	3 x 400 V ~ (1)	7,95	IE2	65	50	1D342118D	165	170
				1D341118X	3 x 400 V ~ (1)	7,95	IE3	65	50	1D342118X	144	149
		5,5	–	1D341119D	3 x 400 V ~ (1)	10,6	IE2	65	50	1D342119D	173	178
				1D341119X	3 x 400 V ~ (1)	10,6	IE3	65	50	1D342119X	165	170
	2 poles	–	15	1D34111CB	3 x 400 V ~ (1)	27	IE2	65	50	1D34211CB	260	265
				1D34111CV	3 x 400 V ~ (1)	26,5	IE3	65	50	1D34211CV	233	238
		–	18.5	1D34111DB	3 x 400 V ~ (1)	33	IE2	65	50	1D34211DB	289	294
				1D34111DV	3 x 400 V ~ (1)	32	IE3	65	50	1D34211DV	257	262
		–	22	1D34111EB	3 x 400 V ~ (1)	39,5	IE2	65	50	1D34211EB	319	324
				1D34111EV	3 x 400 V ~ (1)	38	IE3	65	50	1D34211EV	277	282
		–	30	1D34111FB	3 x 400 V ~ (1)	52	IE2	65	50	1D34211FB	407	412
				1D34111FV	3 x 400 V ~ (1)	52	IE3	65	50	1D34211FV	419	424
		–	37	1D34111GB	3 x 400 V ~ (1)	64	IE2	65	50	1D34211GB	333	338
				1D34111GV	3 x 400 V ~ (1)	63	IE3	65	50	1D34211GV	358	363
		–	45	1D34111HB	3 x 400 V ~ (1)	78,5	IE2	65	50	1D34211HB	374	379
				1D34111HV	3 x 400 V ~ (1)	76	IE3	65	50	1D34211HV	413	418

(1) Star starting is possible

Counterflanges not included

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

KDN

STANDARDISED CENTRIFUGAL PUMPS

MODEL		Power (kW) 4 poles	Power (kW) 2 poles	CAST IRON IMPELLER CODE	VOLTAGE 50 Hz	In A	MOTOR TYPE	Flange dimensions DNA	Flange dimensions DNM	BRONZE IMPELLER CODE	standard coupling Weight Kg	spacer coupling Weight Kg
KDN 65-125	4 poles	0.37	–	1D4111113	3 x 230 - 400 V ~	1,7/0,975	–	80	65	1D4121113	94	99
		0.55	–	1D4111123	3 x 230 - 400 V ~	2,6/1,5	–	80	65	1D4121123	97	102
		0.75	–	1D411113C	3 x 230 - 400 V ~	3,57/2,16	IE2	80	65	1D412113C	98	103
				1D411113W	3 x 230 - 400 V ~	3,57/2,16	IE3	80	65	1D412113W	92	97
		1.1	–	1D411114C	3 x 230 - 400 V ~	4,68/2,15	IE2	80	65	1D412114C	100	105
				1D411114W	3 x 230 - 400 V ~	4,68/2,15	IE3	80	65	1D412114W	90	95
		1.5	–	1D411115C	3 x 230 - 400 V ~	6,24/3,13	IE2	80	65	1D412115C	103	108
				1D411115W	3 x 230 - 400 V ~	6,24/3,13	IE3	80	65	1D412115W	89	94
		2.2	–	1D411116C	3 x 230 - 400 V ~	8,75/5,12	IE2	80	65	1D412116C	107	112
				1D411116W	3 x 230 - 400 V ~	8,75/5,12	IE3	80	65	1D412116W	97	102
	2 poles	–	4	1D411118B	3 x 400 V ~ (1)	8,05	IE2	80	65	1D412118B	132	137
				1D411118V	3 x 400 V ~ (1)	8,05	IE3	80	65	1D412118V	114	119
		–	5.5	1D411119B	3 x 400 V ~ (1)	10,4	IE2	80	65	1D412119B	143	148
				1D411119V	3 x 400 V ~ (1)	10,4	IE3	80	65	1D412119V	124	129
		–	7.5	1D41111AB	3 x 400 V ~ (1)	14	IE2	80	65	1D41211AB	146	151
				1D41111AV	3 x 400 V ~ (1)	13,4	IE3	80	65	1D41211AV	120	125
		–	11	1D41111BB	3 x 400 V ~ (1)	20,2	IE2	80	65	1D41211BB	175	180
				1D41111BV	3 x 400 V ~ (1)	19,4	IE3	80	65	1D41211BV	152	157
		–	15	1D41111CB	3 x 400 V ~ (1)	27	IE2	80	65	1D41211CB	180	185
				1D41111CV	3 x 400 V ~ (1)	26,5	IE3	80	65	1D41211CV	153	158
KDN 65-160	4 poles	0.75	–	1D421113C	3 x 230 - 400 V ~	3,57/2,17	IE2	80	65	1D422113C	101	106
				1D421113W	3 x 230 - 400 V ~	3,57/2,17	IE3	80	65	1D422113W	95	100
		1.1	–	1D421114C	3 x 230 - 400 V ~	4,68/2,17	IE2	80	65	1D422114C	103	108
				1D421114W	3 x 230 - 400 V ~	4,68/2,17	IE3	80	65	1D422114W	93	98
		1.5	–	1D421115C	3 x 230 - 400 V ~	6,24/3,14	IE2	80	65	1D422115C	114	119
				1D421115W	3 x 230 - 400 V ~	6,24/3,14	IE3	80	65	1D422115W	100	105
		2.2	–	1D421116C	3 x 230 - 400 V ~	8,75/5,13	IE2	80	65	1D422116C	114	119
				1D421116W	3 x 230 - 400 V ~	8,75/5,13	IE3	80	65	1D422116W	104	109
		3	–	1D421117D	3 x 400 V ~ (1)	6,25	IE2	80	65	1D422117D	148	153
				1D421117X	3 x 400 V ~ (1)	6,25	IE3	80	65	1D422117X	134	139
	2 poles	–	5.5	1D421119B	3 x 400 V ~ (1)	10,4	IE2	80	65	1D422119B	149	154
				1D421119V	3 x 400 V ~ (1)	10,4	IE3	80	65	1D422119V	130	135
		–	7.5	1D42111AB	3 x 400 V ~ (1)	14	IE2	80	65	1D42211AB	173	178
				1D42111AV	3 x 400 V ~ (1)	13,4	IE3	80	65	1D42211AV	147	152
		–	11	1D42111BB	3 x 400 V ~ (1)	20,2	IE2	80	65	1D42211BB	183	188
				1D42111BV	3 x 400 V ~ (1)	19,4	IE3	80	65	1D42211BV	160	165
		–	15	1D42111CB	3 x 400 V ~ (1)	27	IE2	80	65	1D42211CB	220	225
				1D42111CV	3 x 400 V ~ (1)	26,5	IE3	80	65	1D42211CV	193	198
		–	18.5	1D42111DB	3 x 400 V ~ (1)	33	IE2	80	65	1D42211DB	220	225
				1D42111DV	3 x 400 V ~ (1)	32	IE3	80	65	1D42211DV	188	193
		–	22	1D42111EB	3 x 400 V ~ (1)	39,5	IE2	80	65	1D42211EB	220	225
				1D42111EV	3 x 400 V ~ (1)	38	IE3	80	65	1D42211EV	178	183
KDN 65-200	4 poles	1.1	–	1D431114C	3 x 230 - 400 V ~	4,68/2,18	IE2	80	65	1D432114C	141	146
				1D431114W	3 x 230 - 400 V ~	4,68/2,18	IE3	80	65	1D432114W	131	136
		1.5	–	1D431115C	3 x 230 - 400 V ~	6,24/3,15	IE2	80	65	1D432115C	143	148
				1D431115W	3 x 230 - 400 V ~	6,24/3,15	IE3	80	65	1D432115W	129	134
		2.2	–	1D431116C	3 x 230 - 400 V ~	8,75/5,14	IE2	80	65	1D432116C	147	152
				1D431116W	3 x 230 - 400 V ~	8,75/5,14	IE3	80	65	1D432116W	137	142
		3	–	1D431117D	3 x 400 V ~ (1)	6,25	IE2	80	65	1D432117D	150	155
				1D431117X	3 x 400 V ~ (1)	6,25	IE3	80	65	1D432117X	136	141
		4	–	1D431118D	3 x 400 V ~ (1)	7,95	IE2	80	65	1D432118D	150	155
				1D431118X	3 x 400 V ~ (1)	7,95	IE3	80	65	1D432118X	129	134
		5,5	–	1D431119D	3 x 400 V ~ (1)	10,6	IE2	80	65	1D432119D	200	205
				1D431119X	3 x 400 V ~ (1)	10,6	IE3	80	65	1D432119X	192	197
	2 poles	–	11	1D43111BB	3 x 400 V ~ (1)	20,2	IE2	80	65	1D43211BB	267	272
				1D43111BV	3 x 400 V ~ (1)	19,4	IE3	80	65	1D43211BV	244	249
		–	15	1D43111CB	3 x 400 V ~ (1)	27	IE2	80	65	1D43211CB	279	284
				1D43111CV	3 x 400 V ~ (1)	26,5	IE3	80	65	1D43211CV	252	257
		–	18.5	1D43111DB	3 x 400 V ~ (1)	33	IE2	80	65	1D43211DB	289	294
				1D43111DV	3 x 400 V ~ (1)	32	IE3	80	65	1D43211DV	257	262
		–	22	1D43111EB	3 x 400 V ~ (1)	39,5	IE2	80	65	1D43211EB	332	337
				1D43111EV	3 x 400 V ~ (1)	38	IE3	80	65	1D43211EV	290	295
		–	30	1D43111FB	3 x 400 V ~ (1)	52	IE2	80	65	1D43211FB	406	411
				1D43111FV	3 x 400 V ~ (1)	52	IE3	80	65	1D43211FV	418	423
		–	37	1D43111GB	3 x 400 V ~ (1)	64	IE2	80	65	1D43211GB	406	411
				1D43111GV	3 x 400 V ~ (1)	63	IE3	80	65	1D43211GV	431	436

(1) Star starting is possible

Counterflanges not included

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

KDN

STANDARDISED CENTRIFUGAL PUMPS

MODEL		Power (kW) 4 poles	Power (kW) 2 poles	CAST IRON IMPELLER CODE	VOLTAGE 50 Hz	In A	MOTOR TYPE	Flange dimensions DNA	Flange dimensions DNM	BRONZE IMPELLER CODE	standard coupling Weight Kg	spacer coupling Weight Kg
KDN 65-250	4 poles	3	–	1D441117D	3 x 400 V ~ (1)	6,25	IE2	80	65	1D442117D	178	186
				1D441117X	3 x 400 V ~ (1)	6,25	IE3	80	65	1D442117X	164	172
		4	–	1D441118D	3 x 400 V ~ (1)	7,95	IE2	80	65	1D442118D	185	193
				1D441118X	3 x 400 V ~ (1)	7,95	IE3	80	65	1D442118X	164	172
		5,5	–	1D441119D	3 x 400 V ~ (1)	10,6	IE2	80	65	1D442119D	201	209
				1D441119X	3 x 400 V ~ (1)	10,6	IE3	80	65	1D442119X	193	201
		7.5	–	1D44111AD	3 x 400 V ~ (1)	20,2	IE2	80	65	1D44211AD	257	265
				1D44111AX	3 x 400 V ~ (1)	14,6	IE3	80	65	1D44211AX	238	246
		11	–	1D44111BD	3 x 400 V ~ (1)	21,6	IE2	80	65	1D44211BD	257	265
				1D44111BX	3 x 400 V ~ (1)	20,5	IE3	80	65	1D44211BX	277	285
	2 poles	–	22	1D44111EB	3 x 400 V ~ (1)	39,5	IE2	80	65	1D44211EB	319	327
				1D44111EV	3 x 400 V ~ (1)	38	IE3	80	65	1D44211EV	277	285
		–	30	1D44111FB	3 x 400 V ~ (1)	52	IE2	80	65	1D44211FB	460	468
				1D44111FV	3 x 400 V ~ (1)	52	IE3	80	65	1D44211FV	472	480
		–	37	1D44111GB	3 x 400 V ~ (1)	64	IE2	80	65	1D44211GB	477	485
				1D44111GV	3 x 400 V ~ (1)	63	IE3	80	65	1D44211GV	502	510
		–	45	1D44111HB	3 x 400 V ~ (1)	78,5	IE2	80	65	1D44211HB	550	558
				1D44111HV	3 x 400 V ~ (1)	76	IE3	80	65	1D44211HV	589	597
		–	55	1D44111KB	3 x 400 V ~ (1)	-	IE2	80	65	1D44211KB	672	680
				1D44111KV	3 x 400 V ~ (1)	95	IE3	80	65	1D44211KV	717	725
KDN 65-315	4 poles	5,5	–	1D451119D	3 x 400 V ~ (1)	10,6	IE2	80	65	1D452119D	259	267
				1D451119X	3 x 400 V ~ (1)	10,6	IE3	80	65	1D452119X	251	259
		7.5	–	1D45111AD	3 x 400 V ~ (1)	14,2	IE2	80	65	1D45211AD	292	300
				1D45111AX	3 x 400 V ~ (1)	14,6	IE3	80	65	1D45211AX	273	281
		11	–	1D45111BD	3 x 400 V ~ (1)	21,6	IE2	80	65	1D45211BD	297	305
				1D45111BX	3 x 400 V ~ (1)	20,5	IE3	80	65	1D45211BX	271	279
		15	–	1D45111CD	3 x 400 V ~ (1)	29	IE2	80	65	1D45211CD	297	305
				1D45111CX	3 x 400 V ~ (1)	28	IE3	80	65	1D45211CX	272	280
		18.5	–	1D45111DD	3 x 400 V ~ (1)	33	IE2	80	65	1D45211DD	322	330
				1D45111DX	3 x 400 V ~ (1)	34	IE3	80	65	1D45211DX	291	299
	2 poles	–	45	1D45111HB	3 x 400 V ~ (1)	78,5	IE2	80	65	1D45211HB	695	703
				1D45111HV	3 x 400 V ~ (1)	76	IE3	80	65	1D45211HV	734	742
		–	55	1D45111KB	3 x 400 V ~ (1)	94	IE2	80	65	1D45211KB	695	703
				1D45111KV	3 x 400 V ~ (1)	95	IE3	80	65	1D45211KV	740	748
		–	75	1D45111LB	3 x 400 V ~ (1)	130	IE2	80	65	1D45211LB	849	857
				1D45111LV	3 x 400 V ~ (1)	124	IE3	80	65	1D45211LV	849	857
		–	90	–	3 x 400 V ~ (1)	154	IE2	80	65	1D45211MB	669	677
				–	3 x 400 V ~ (1)	148	IE3	80	65	1D45211MV	651	659
		–	110	–	3 x 400 V ~ (1)	188	IE2	80	65	1D45211NB	1119	1127
				–	3 x 400 V ~ (1)	184	IE3	80	65	1D45211NV	1219	1227
KDN 80-160	4 poles	1.1	–	1D521114C	3 x 230 - 400 V ~	4,68/2,19	IE2	100	80	1D522114C	125	133
				1D521114W	3 x 230 - 400 V ~	4,68/2,19	IE3	100	80	1D522114W	115	123
		1.5	–	1D521115C	3 x 230 - 400 V ~	6,24/3,16	IE2	100	80	1D522115C	127	135
				1D521115W	3 x 230 - 400 V ~	6,24/3,16	IE3	100	80	1D522115W	113	121
		2.2	–	1D521116C	3 x 230 - 400 V ~	8,75/5,15	IE2	100	80	1D522116C	139	147
				1D521116W	3 x 230 - 400 V ~	8,75/5,15	IE3	100	80	1D522116W	129	137
		3	–	1D521117D	3 x 400 V ~ (1)	6,25	IE2	100	80	1D522117D	138	146
				1D521117X	3 x 400 V ~ (1)	6,25	IE3	100	80	1D522117X	124	132
		4	–	1D521118D	3 x 400 V ~ (1)	7,95	IE2	100	80	1D522118D	138	146
				1D521118X	3 x 400 V ~ (1)	7,95	IE3	100	80	1D522118X	117	125
		5,5	–	1D521119D	3 x 400 V ~ (1)	10,6	IE2	100	80	1D522119D	163	171
				1D521119X	3 x 400 V ~ (1)	10,6	IE3	100	80	1D522119X	155	163
	2 poles	–	7.5	1D52111AB	3 x 400 V ~ (1)	14	IE2	100	80	1D52211AB	189	197
				1D52111AV	3 x 400 V ~ (1)	13,4	IE3	100	80	1D52211AV	163	171
		–	11	1D52111BB	3 x 400 V ~ (1)	20,2	IE2	100	80	1D52211BB	298	306
				1D52111BV	3 x 400 V ~ (1)	19,4	IE3	100	80	1D52211BV	275	283
		–	15	1D52111CB	3 x 400 V ~ (1)	27	IE2	100	80	1D52211CB	298	306
				1D52111CV	3 x 400 V ~ (1)	26,5	IE3	100	80	1D52211CV	271	279
		–	18.5	1D52111DB	3 x 400 V ~ (1)	33	IE2	100	80	1D52211DB	298	306
				1D52111DV	3 x 400 V ~ (1)	32	IE3	100	80	1D52211DV	266	274
		–	22	1D52111EB	3 x 400 V ~ (1)	39,5	IE2	100	80	1D52211EB	253	261
				1D52111EV	3 x 400 V ~ (1)	38	IE3	100	80	1D52211EV	211	219
		–	30	1D52111FB	3 x 400 V ~ (1)	52	IE2	100	80	1D52211FB	304	312
				1D52111FV	3 x 400 V ~ (1)	52	IE3	100	80	1D52211FV	316	324
		–	37	1D52111GB	3 x 400 V ~ (1)	64	IE2	100	80	1D52211GB	383	391
				1D52111GV	3 x 400 V ~ (1)	63	IE3	100	80	1D52211GV	408	416

(1) Star starting is possible

Counterflanges not included

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

KDN

STANDARDISED CENTRIFUGAL PUMPS

MODEL		Power (kW)		CAST IRON IMPELLER	VOLTAGE 50 Hz	In A	MOTOR TYPE	Flange dimensions		BRONZE IMPELLER	standard coupling	spacer coupling
		4 poles	2 poles	CODE				DNA	DNM	CODE	Weight Kg	Weight Kg
KDN 80-200	4 poles	1.5	–	1D531115C	3 x 230 - 400 V ~	6,24/3,17	IE2	100	80	1D532115C	161	169
				1D531115W	3 x 230 - 400 V ~	6,24/3,17	IE3	100	80	1D532115W	147	155
		2.2	–	1D531116C	3 x 230 - 400 V ~	8,75/5,16	IE2	100	80	1D532116C	166	174
				1D531116W	3 x 230 - 400 V ~	8,75/5,16	IE3	100	80	1D532116W	156	164
		3	–	1D531117D	3 x 400 V ~ (1)	6,25	IE2	100	80	1D532117D	168	176
				1D531117X	3 x 400 V ~ (1)	6,25	IE3	100	80	1D532117X	154	162
		4	–	1D531118D	3 x 400 V ~ (1)	7,95	IE2	100	80	1D532118D	188	196
				1D531118X	3 x 400 V ~ (1)	7,95	IE3	100	80	1D532118X	167	175
		5,5	–	1D531119D	3 x 400 V ~ (1)	10,6	IE2	100	80	1D532119D	188	196
				1D531119X	3 x 400 V ~ (1)	10,6	IE3	100	80	1D532119X	180	188
		7.5	–	1D53111AD	3 x 400 V ~ (1)	14,2	IE2	100	80	1D53211AD	188	196
				1D53111AX	3 x 400 V ~ (1)	14,6	IE3	100	80	1D53211AX	169	177
		11	–	1D53111BD	3 x 400 V ~ (1)	21,6	IE2	100	80	1D53211BD	197	205
				1D53111BX	3 x 400 V ~ (1)	20,5	IE3	100	80	1D53211BX	171	179
	2 poles	–	18.5	1D53111DB	3 x 400 V ~ (1)	33	IE2	100	80	1D53211DB	239	247
				1D53111DV	3 x 400 V ~ (1)	32	IE3	100	80	1D53211DV	207	215
		–	22	1D53111EB	3 x 400 V ~ (1)	39,5	IE2	100	80	1D53211EB	275	283
				1D53111EV	3 x 400 V ~ (1)	38	IE3	100	80	1D53211EV	233	241
		–	30	1D53111FB	3 x 400 V ~ (1)	52	IE2	100	80	1D53211FB	432	440
				1D53111FV	3 x 400 V ~ (1)	52	IE3	100	80	1D53211FV	444	452
		–	37	1D53111GB	3 x 400 V ~ (1)	64	IE2	100	80	1D53211GB	455	463
				1D53111GV	3 x 400 V ~ (1)	63	IE3	100	80	1D53211GV	480	488
		–	45	1D53111HB	3 x 400 V ~ (1)	78,5	IE2	100	80	1D53211HB	548	556
				1D53111HV	3 x 400 V ~ (1)	76	IE3	100	80	1D53211HV	587	595
		–	55	1D53111KB	3 x 400 V ~ (1)	94	IE2	100	80	1D53211KB	494	502
				1D53111KV	3 x 400 V ~ (1)	95	IE3	100	80	1D53211KV	539	547
		–	75	1D53111LB	3 x 400 V ~ (1)	130	IE2	100	80	1D53211LB	609	617
				1D53111LV	3 x 400 V ~ (1)	124	IE3	100	80	1D53211LV	609	617
KDN 80-250	4 poles	4	–	1D541118D	3 x 400 V ~ (1)	7,95	IE2	100	80	1D542118D	219	227
				1D541118X	3 x 400 V ~ (1)	7,95	IE3	100	80	1D542118X	198	206
		5,5	–	1D541119D	3 x 400 V ~ (1)	10,6	IE2	100	80	1D542119D	219	227
				1D541119X	3 x 400 V ~ (1)	10,6	IE3	100	80	1D542119X	211	219
		7.5	–	1D54111AD	3 x 400 V ~ (1)	14,2	IE2	100	80	1D54211AD	219	227
				1D54111AX	3 x 400 V ~ (1)	14,6	IE3	100	80	1D54211AX	200	208
		11	–	1D54111BD	3 x 400 V ~ (1)	21,6	IE2	100	80	1D54211BD	258	266
				1D54111BX	3 x 400 V ~ (1)	20,5	IE3	100	80	1D54211BX	232	240
		15	–	1D54111CD	3 x 400 V ~ (1)	29	IE2	100	80	1D54211CD	277	285
				1D54111CX	3 x 400 V ~ (1)	28	IE3	100	80	1D54211CX	252	260
	2 poles	–	37	1D54111GB	3 x 400 V ~ (1)	64	IE2	100	80	1D54211GB	471	479
				1D54111GV	3 x 400 V ~ (1)	63	IE3	100	80	1D54211GV	496	504
		–	45	1D54111HB	3 x 400 V ~ (1)	78,5	IE2	100	80	1D54211HB	545	553
				1D54111HV	3 x 400 V ~ (1)	76	IE3	100	80	1D54211HV	584	592
		–	55	1D54111KB	3 x 400 V ~ (1)	94	IE2	100	80	1D54211KB	650	658
				1D54111KV	3 x 400 V ~ (1)	95	IE3	100	80	1D54211KV	695	703
		–	75	1D54111LB	3 x 400 V ~ (1)	130	IE2	100	80	1D54211LB	641	649
				1D54111LV	3 x 400 V ~ (1)	124	IE3	100	80	1D54211LV	641	649
		–	90	1D54111MB	3 x 400 V ~ (1)	154	IE2	100	80	1D54211MB	909	917
				1D54111MV	3 x 400 V ~ (1)	148	IE3	100	80	1D54211MV	891	899

(1) Star starting is possible

Counterflanges not included

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

KDN

STANDARDISED CENTRIFUGAL PUMPS

MODEL		Power (kW) 4 poles	Power (kW) 2 poles	CAST IRON IMPELLER CODE	VOLTAGE 50 Hz	In A	MOTOR TYPE	Flange dimensions DNA	Flange dimensions DNM	BRONZE IMPELLER CODE	standard coupling Weight Kg	spacer coupling Weight Kg
KDN 80-315	4 poles	7.5	–	1D55111AD	3 x 400 V ~ (1)	14,2	IE2	100	80	1D55211AD	390	398
				1D55111AX	3 x 400 V ~ (1)	14,6	IE3	100	80	1D55211AX	371	379
		11	–	1D55111BD	3 x 400 V ~ (1)	21,6	IE2	100	80	1D55211BD	390	398
				1D55111BX	3 x 400 V ~ (1)	20,5	IE3	100	80	1D55211BX	364	372
		15	–	1D55111CD	3 x 400 V ~ (1)	29	IE2	100	80	1D55211CD	390	398
				1D55111CX	3 x 400 V ~ (1)	28	IE3	100	80	1D55211CX	365	373
		18.5	–	1D55111DD	3 x 400 V ~ (1)	33	IE2	100	80	1D55211DD	409	417
				1D55111DX	3 x 400 V ~ (1)	34	IE3	100	80	1D55211DX	378	386
		22	–	1D55111ED	3 x 400 V ~ (1)	40	IE2	100	80	1D55211ED	348	356
				1D55111EX	3 x 400 V ~ (1)	40,5	IE3	100	80	1D55211EX	318	326
		30	–	1D55111FD	3 x 400 V ~ (1)	53,5	IE2	100	80	1D55211FD	384	392
				1D55111FX	3 x 400 V ~ (1)	53,5	IE3	100	80	1D55211FX	384	392
	2 poles	–	55	1D55111KB	3 x 400 V ~ (1)	94	IE2	100	80	1D55211KB	707	715
				1D55111KV	3 x 400 V ~ (1)	95	IE3	100	80	1D55211KV	720	728
		–	75	–	3 x 400 V ~ (1)	130	IE2	100	80	1D55211LB	861	869
				–	3 x 400 V ~ (1)	124	IE3	100	80	1D55211LV	840	848
		–	90	–	3 x 400 V ~ (1)	154	IE2	100	80	1D55211MB	681	689
				–	3 x 400 V ~ (1)	148	IE3	100	80	1D55211MV	663	671
		–	110	–	3 x 400 V ~ (1)	188	IE2	100	80	1D55211NB	1131	1139
				–	3 x 400 V ~ (1)	184	IE3	100	80	1D55211NV	1231	1239
KDN 100-200	4 poles	3	–	1D631117D	3 x 400 V ~ (1)	6,25	IE2	125	100	1D632117D	181	189
				1D631117X	3 x 400 V ~ (1)	6,25	IE3	125	100	1D632117X	167	175
		4	–	1D631118D	3 x 400 V ~ (1)	7,95	IE2	125	100	1D632118D	188	196
				1D631118X	3 x 400 V ~ (1)	7,95	IE3	125	100	1D632118X	167	175
		5,5	–	1D631119D	3 x 400 V ~ (1)	10,6	IE2	125	100	1D632119D	214	222
				1D631119X	3 x 400 V ~ (1)	10,6	IE3	125	100	1D632119X	206	214
		7.5	–	1D63111AD	3 x 400 V ~ (1)	14,2	IE2	125	100	1D63211AD	209	217
				1D63111AX	3 x 400 V ~ (1)	14,6	IE3	125	100	1D63211AX	190	198
		11	–	1D63111BD	3 x 400 V ~ (1)	21,6	IE2	125	100	1D63211BD	307	315
				1D63111BX	3 x 400 V ~ (1)	20,5	IE3	125	100	1D63211BX	281	289
		15	–	1D63111CD	3 x 400 V ~ (1)	29	IE2	125	100	1D63211CD	380	388
				1D63111CX	3 x 400 V ~ (1)	28	IE3	125	100	1D63211CX	355	363
	2 poles	–	30	1D63111FB	3 x 400 V ~ (1)	52	IE2	125	100	1D63211FB	454	462
				1D63111FV	3 x 400 V ~ (1)	52	IE3	125	100	1D63211FV	466	474
		–	37	1D63111GB	3 x 400 V ~ (1)	64	IE2	125	100	1D63211GB	402	410
				1D63111GV	3 x 400 V ~ (1)	63	IE3	125	100	1D63211GV	427	435
		–	45	1D63111HB	3 x 400 V ~ (1)	78,5	IE2	125	100	1D63211HB	549	557
				1D63111HV	3 x 400 V ~ (1)	76	IE3	125	100	1D63211HV	588	596
		–	55	1D63111KB	3 x 400 V ~ (1)	94	IE2	125	100	1D63211KB	623	631
				1D63111KV	3 x 400 V ~ (1)	95	IE3	125	100	1D63211KV	668	676
		–	75	1D63111LB	3 x 400 V ~ (1)	130	IE2	125	100	1D63211LB	621	629
				1D63111LV	3 x 400 V ~ (1)	124	IE3	125	100	1D63211LV	621	629
		–	90	1D63111MB	3 x 400 V ~ (1)	154	IE2	125	100	1D63211MB	621	629
				1D63111MV	3 x 400 V ~ (1)	148	IE3	125	100	1D63211MV	603	611

(1) Star starting is possible

Counterflanges not included

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

KDN

STANDARDISED CENTRIFUGAL PUMPS

MODEL		Power (kW) 4 poles	Power (kW) 2 poles	CAST IRON IMPELLER CODE	VOLTAGE 50 Hz	In A	MOTOR TYPE	Flange dimensions DNA	Flange dimensions DNM	BRONZE IMPELLER CODE	standard coupling Weight Kg	spacer coupling Weight Kg
KDN 100-250	4 poles	5.5	–	1D641119D	3 x 400 V ~ (1)	10,6	IE2	125	100	1D642119D	241	249
				1D641119X	3 x 400 V ~ (1)	10,6	IE3	125	100	1D642119X	233	241
		7.5	–	1D64111AD	3 x 400 V ~ (1)	14,2	IE2	125	100	1D64211AD	250	258
				1D64111AX	3 x 400 V ~ (1)	14,6	IE3	125	100	1D64211AX	231	239
		11	–	1D64111BD	3 x 400 V ~ (1)	21,6	IE2	125	100	1D64211BD	292	300
				1D64111BX	3 x 400 V ~ (1)	20,5	IE3	125	100	1D64211BX	266	274
		15	–	1D64111CD	3 x 400 V ~ (1)	29	IE2	125	100	1D64211CD	300	308
				1D64111CX	3 x 400 V ~ (1)	28	IE3	125	100	1D64211CX	275	283
		18.5	–	1D64111DD	3 x 400 V ~ (1)	33	IE2	125	100	1D64211DD	578	586
				1D64111DX	3 x 400 V ~ (1)	34	IE3	125	100	1D64211DX	547	555
	2 poles	–	45	1D64111HB	3 x 400 V ~ (1)	78,5	IE2	125	100	1D64211HB	696	704
				1D64111HV	3 x 400 V ~ (1)	76	IE3	125	100	1D64211HV	735	743
		–	55	1D64111KB	3 x 400 V ~ (1)	94	IE2	125	100	1D64211KB	696	704
				1D64111KV	3 x 400 V ~ (1)	95	IE3	125	100	1D64211KV	741	749
		–	75	1D64111LB	3 x 400 V ~ (1)	130	IE2	125	100	1D64211LB	850	858
				1D64111LV	3 x 400 V ~ (1)	124	IE3	125	100	1D64211LV	850	858
		–	90	1D64111MB	3 x 400 V ~ (1)	154	IE2	125	100	1D64211MB	670	678
				1D64111MV	3 x 400 V ~ (1)	148	IE3	125	100	1D64211MV	652	660
		–	110	1D64111NB	3 x 400 V ~ (1)	188	IE2	125	100	1D64211NB	1120	1128
				1D64111NV	3 x 400 V ~ (1)	184	IE3	125	100	1D64211NV	1220	1228
KDN 100-315	4 poles	11	–	1D65111BD	3 x 400 V ~ (1)	21,6	IE2	125	100	1D65211BD	313	321
				1D65111BX	3 x 400 V ~ (1)	20,5	IE3	125	100	1D65211BX	287	295
		15	–	1D65111CD	3 x 400 V ~ (1)	29	IE2	125	100	1D65211CD	300	308
				1D65111CX	3 x 400 V ~ (1)	28	IE3	125	100	1D65211CX	275	283
		18.5	–	1D65111DD	3 x 400 V ~ (1)	33	IE2	125	100	1D65211DD	346	354
				1D65111DX	3 x 400 V ~ (1)	34	IE3	125	100	1D65211DX	315	323
		22	–	1D65111ED	3 x 400 V ~ (1)	40	IE2	125	100	1D65211ED	372	380
				1D65111EX	3 x 400 V ~ (1)	40,5	IE3	125	100	1D65211EX	342	350
		30	–	1D65111FD	3 x 400 V ~ (1)	53,5	IE2	125	100	1D65211FD	458	466
				1D65111FX	3 x 400 V ~ (1)	53,5	IE3	125	100	1D65211FX	458	466
		37	–	1D65111GD	3 x 400 V ~ (1)	66,5	IE2	125	100	1D65211GD	518	526
				1D65111GX	3 x 400 V ~ (1)	65	IE3	125	100	1D65211GX	524	532
KDN 125-250	4 poles	7.5	–	1D74111AD	3 x 400 V ~ (1)	14,2	IE2	150	125	1D74211AD	310	318
				1D74111AX	3 x 400 V ~ (1)	14,6	IE3	150	125	1D74211AX	291	299
		11	–	1D74111BD	3 x 400 V ~ (1)	21,6	IE2	150	125	1D74211BD	328	336
				1D74111BX	3 x 400 V ~ (1)	20,5	IE3	150	125	1D74211BX	302	310
		15	–	1D74111CD	3 x 400 V ~ (1)	29	IE2	150	125	1D74211CD	416	424
				1D74111CX	3 x 400 V ~ (1)	28	IE3	150	125	1D74211CX	391	399
		18.5	–	1D74111DD	3 x 400 V ~ (1)	33	IE2	150	125	1D74211DD	422	430
				1D74111DX	3 x 400 V ~ (1)	34	IE3	150	125	1D74211DX	391	399
		22	–	1D74111ED	3 x 400 V ~ (1)	40	IE2	150	125	1D74211ED	463	471
				1D74111EX	3 x 400 V ~ (1)	40,5	IE3	150	125	1D74211EX	433	441
		30	–	1D74111FD	3 x 400 V ~ (1)	53,5	IE2	150	125	1D74211FD	511	519
				1D74111FX	3 x 400 V ~ (1)	53,5	IE3	150	125	1D74211FX	511	519
KDN 150-200	4 poles	5.5	–	1D831119D	3 x 400 V ~ (1)	10,6	IE2	200	150	1D832119D	454	462
				1D831119X	3 x 400 V ~ (1)	10,6	IE3	200	150	1D832119X	446	454
		7.5	–	1D83111AD	3 x 400 V ~ (1)	14,2	IE2	200	150	1D83211AD	470	478
				1D83111AX	3 x 400 V ~ (1)	14,6	IE3	200	150	1D83211AX	451	459
		11	–	1D83111BD	3 x 400 V ~ (1)	21,6	IE2	200	150	1D83211BD	481	489
				1D83111BX	3 x 400 V ~ (1)	20,5	IE3	200	150	1D83211BX	455	463
		15	–	1D83111CD	3 x 400 V ~ (1)	29	IE2	200	150	1D83211CD	501	509
				1D83111CX	3 x 400 V ~ (1)	28	IE3	200	150	1D83211CX	476	484
		18.5	–	1D83111DD	3 x 400 V ~ (1)	33	IE2	200	150	1D83211DD	535	543
				1D83111DX	3 x 400 V ~ (1)	34	IE3	200	150	1D83211DX	504	512

(1) Star starting is possible

Counterflanges not included

TECHNICAL DATA - HYDRAULIC PART

CAST IRON IMPELLER

MODEL	CODE	DNA	DNM	Weight Kg
KDN 32-125.1	1D1K11000	50	32	37
KDN 32-125	1D1111000	50	32	36
KDN 32-160.1	1D1L11000	50	32	38
KDN 32-160	1D1211000	50	32	38
KDN 32-200.1	1D1M11000	50	32	46
KDN 32-200	1D1311000	50	32	46
KDN 40-125	1D2111000	65	40	39
KDN 40-160	1D2211000	65	40	41
KDN 40-200	1D2311000	65	40	49
KDN 40-250	1D2411000	65	40	57
KDN 50-125	1D3111000	65	50	42
KDN 50-160	1D3211000	65	50	44
KDN 50-200	1D3311000	65	50	51
KDN 50-250	1D3411000	65	50	59
KDN 65-125	1D4111000	80	65	46
KDN 65-160	1D4211000	80	65	47
KDN 65-200	1D4311000	80	65	66
KDN 65-250	1D4411000	80	65	93
KDN 65-315	1D4511000	80	65	112
KDN 80-160	1D5211000	100	80	55
KDN 80-200	1D5311000	100	80	84
KDN 80-250	1D5411000	100	80	104
KDN 80-315	1D5511000	100	80	122
KDN 100-200	1D6311000	125	100	96
KDN 100-250	1D6411000	125	100	111
KDN 100-315	1D6511000	125	100	126
KDN 125-250	1D7411000	150	125	135
KDN 150-200	1D8311000	200	150	178

Counterflanges not included

BRONZE IMPELLER

MODEL	CODE	DNA	DNM	Weight Kg.
KDN 32-125.1	1D1K21000	50	32	37
KDN 32-125	1D1121000	50	32	37
KDN 32-160.1	1D1L21000	50	32	38
KDN 32-160	1D1221000	50	32	38
KDN 32-200.1	1D1M21000	50	32	38
KDN 32-200	1D1321000	50	32	48
KDN 40-125	1D2121000	65	40	40
KDN 40-160	1D2221000	65	40	41
KDN 40-200	1D2321000	65	40	52
KDN 40-250	1D2421000	65	40	58
KDN 50-125	1D3121000	65	50	42
KDN 50-160	1D3221000	65	50	44
KDN 50-200	1D3321000	65	50	52
KDN 50-250	1D3421000	65	50	60
KDN 65-125	1D4121000	80	65	47
KDN 65-160	1D4221000	80	65	49
KDN 65-200	1D4321000	80	65	58
KDN 65-250	1D4421000	80	65	99
KDN 65-315	1D4521000	80	65	114
KDN 80-160	1D5221000	100	80	57
KDN 80-200	1D5321000	100	80	82
KDN 80-250	1D5421000	100	80	107
KDN 80-315	1D5521000	100	80	124
KDN 100-200	1D6321000	125	100	98
KDN 100-250	1D6421000	125	100	115
KDN 100-315	1D6521000	125	100	133
KDN 125-250	1D7421000	150	125	133
KDN 150-200	1D8321000	200	150	178

Counterflanges not included

SPECIAL VERSION

MODEL
KDN 32-125.1
KDN 32-125
KDN 32-160.1
KDN 32-160
KDN 32-200.1
KDN 32-200
KDN 40-125
KDN 40-160
KDN 40-200
KDN 40-250
KDN 50-125
KDN 50-160
KDN 50-200
KDN 50-250
KDN 65-125
KDN 65-160
KDN 65-200
KDN 65-250
KDN 65-315
KDN 80-160
KDN 80-200
KDN 80-250
KDN 80-315
KDN 100-200
KDN 100-250
KDN 100-315
KDN 125-250
KDN 150-200

VERSIONS WITH SPECIAL MECHANICAL SEALS

(1) Ref. Technical catalogue
Mechanical seal with rubber bellows:
Silicon carbide / Silicon carbide / EPDM

(2) Ref. Technical catalogue
Mechanical seal with rubber bellows:
Silicon carbide / Silicon carbide / Viton

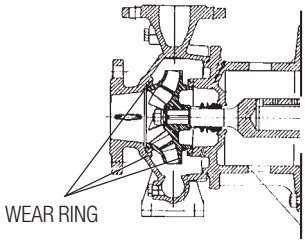
(3) Ref. Technical catalogue
Mechanical seal with rubber bellows:
Carbon / Silicon carbide / Viton

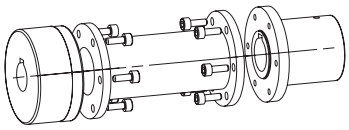
SPECIAL VERSION

MODEL
KDN 32-125.1
KDN 32-125
KDN 32-160.1
KDN 32-160
KDN 32-200.1
KDN 32-200
KDN 40-125
KDN 40-160
KDN 40-200
KDN 40-250
KDN 50-125
KDN 50-160
KDN 50-200
KDN 50-250
KDN 65-125
KDN 65-160
KDN 65-200
KDN 65-250
KDN 65-315
KDN 80-160
KDN 80-200
KDN 80-250
KDN 80-315
KDN 100-200
KDN 100-250
KDN 100-315
KDN 125-250
KDN 150-200

CATAPHORESY COATING FOR COMPONENTS IN CONTACT WITH LIQUID

SPECIAL VERSION





WITH WEAR RING

MODEL
KDN 32-125.1
KDN 32-125
KDN 32-160.1
KDN 32-160
KDN 32-200.1
KDN 32-200
KDN 40-125
KDN 40-160
KDN 40-200
KDN 40-250
KDN 50-125
KDN 50-160
KDN 50-200
KDN 50-250
KDN 65/125
KDN 65-160
KDN 65-200
KDN 65-250
KDN 65-315
KDN 80-160
KDN 80-200
KDN 80-250
KDN 80-315
KDN 100-200
KDN 100-250
KDN 100-315
KDN 125-250
KDN 150-200

WITH SPACER COUPLING

MODEL
KDN 32-125.1
KDN 32-125
KDN 32-160.1
KDN 32-160
KDN 32-200.1
KDN 32-200
KDN 40-125
KDN 40-160
KDN 40-200
KDN 40-250
KDN 50-125
KDN 50-160
KDN 50-200
KDN 50-250
KDN 65/125
KDN 65-160
KDN 65-200
KDN 65-250
KDN 65-315
KDN 80-160
KDN 80-200
KDN 80-250
KDN 80-315
KDN 100-200
KDN 100-250
KDN 100-315
KDN 125-250
KDN 150-200

KDN OVERSIZE

STANDARDISED CENTRIFUGAL PUMPS

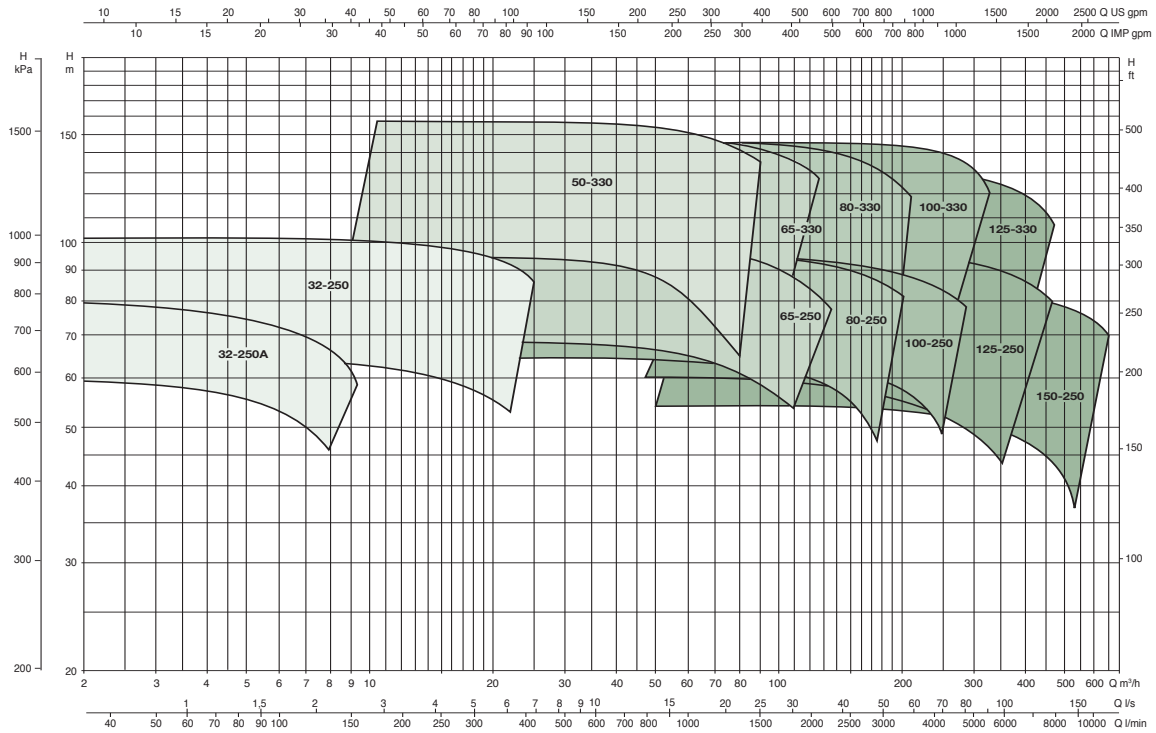
CONDITIONING, IRRIGATION, WATER TRANSFER, PRESSURIZATION, INDUSTRIAL APPLICATION

Single-stage centrifugal pump body with axial suction port, radial discharge port and horizontal shaft components.
The KDN pumps have dimensions and nominal performances according to EN 733 (10 bar) but are designed for 16 bar operation wherever the shaft seal type allows it.
The suction and discharge flanges are according to EN 7005 PN 10 or 16. All pumps are dynamically balanced according to ISO 1940 class 6.3 and impellers are hydraulically balanced. Pump and motor are mounted on a common baseplate in accordance
with EN 23 661 in all-welded steel. Oversizes have profile base frames. Due to the pump design the complete bearing assembly including impeller and shaft seal can be dismantled without removing the pump body from the pipe system (back-pull-out design).
Asynchronous, closed and cooled with external ventilation, 2, 4 or 6 poles motors.

Electrical protection: in compliance with the EEC 89/336 ELECTROMAGNETIC COMPATIBILITY directive and subsequent amendments, EEC 73/23 LOW VOLTAGE directive and subsequent amendments and CEI 2-3 standards.
Flow: Max. 2200 m^3/h
Head: Max. 158 m
Liquid temperature: from -25°C to +140°C
Operating pressure: Max. 16 bar
Motor construction: B3
Protection level: IP 55
Insulation class: F
Supply voltage: Three-phase 230-400V 50 Hz up to 2.2 kW included 400V Δ 50 Hz over 2.2 Kw
Special versions on request: other voltages and/or frequencies
IE3 motor efficiency class available on request. Please contact our sales network for a price quotation.

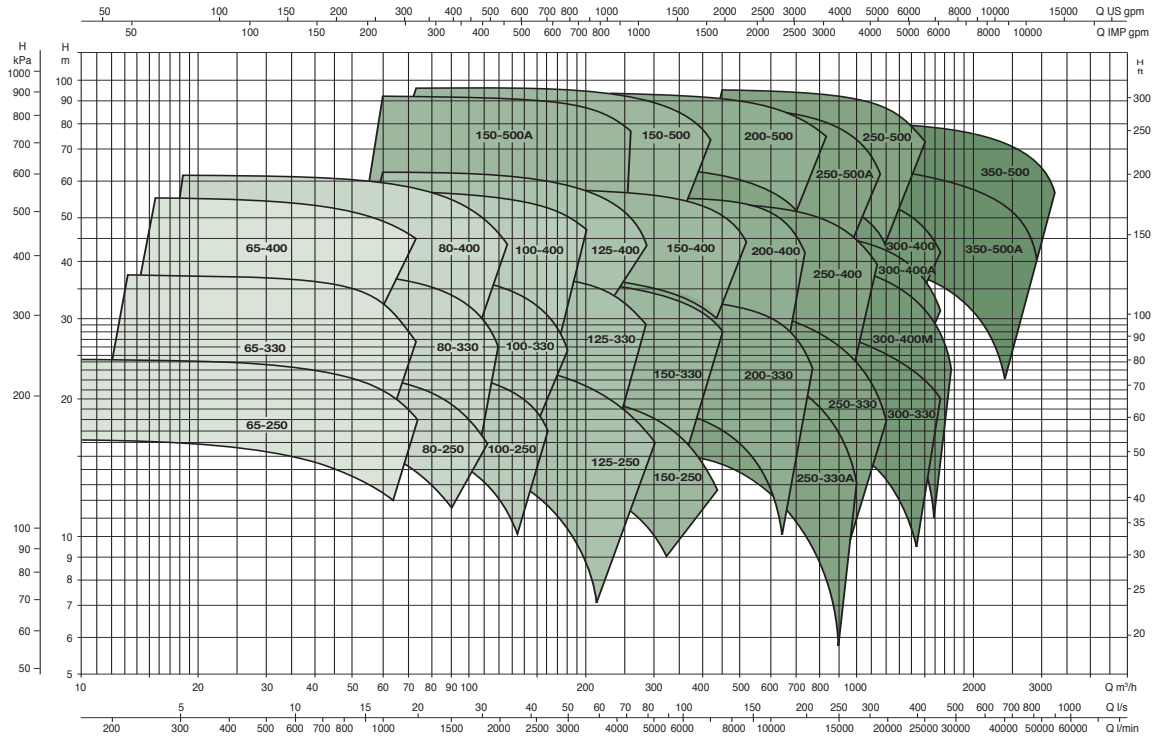
Complete electric pump or liquid end only is available – Please contact our sales network for information

KDN OVERSIZE - 2 POLES - STANDARDISED CENTRIFUGAL PUMPS ON SKID



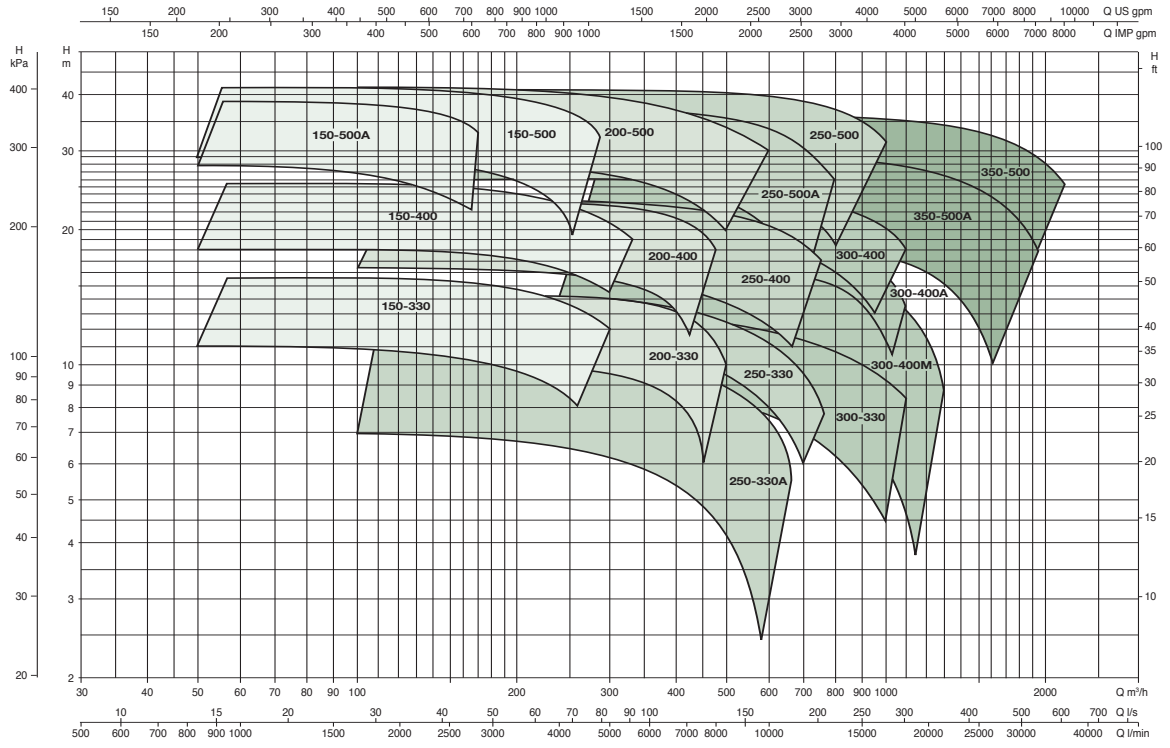
= 2900 1/min

KDN OVERSIZE - 4 POLES - STANDARDISED CENTRIFUGAL PUMPS ON SKID



= 1450 1/min

KDN OVERSIZE - 6 POLES - STANDARDISED CENTRIFUGAL PUMPS ON SKID



= 970 1/min

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

KVC / KVCX

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

KVC

KVCX

WRAS APPROVED PRODUCT

CIVIL AND INDUSTRIAL PRESSURIZATION UNITS

Vertical multistage centrifugal pump suitable for use in small and medium water supply installations.
Suitable for pressurization units, surge tank supply, rain irrigation and crop-dusting systems, fire-fighting and washing systems, conveyance of condensate and cooling water.
Innovative and robust design.
Technopolymer discharge/suction bodies and in-line suction and discharge ports with threaded metal insert.
Impellers, diffuser bodies and diffusers in technopolymer, fully rust-proof. Stainless steel AISI 303 pump jacket, adjustment rings and seal disk.
Carbon/ceramic mechanical seal, fitted on the AISI 303 stainless-steel drive shaft extension.
Asynchronous, closed motor cooled by 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 on in the singlephase version.
Protection for the three-phase version is the responsibility of the user.
Built in CEI 2-3/CEI 61/69 (EN 60335-2-41) standards.

Level of protection: IP 55
Insulation class: F
Standard voltage:
Single-phase 220-240 V / 50 Hz
Three-phase 230-400 V / 50 Hz
Operating range: from 50 to 200 litre/min. with head up to 113 m.
Pumped liquid: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral and close to the characteristics of water.
Liquid temperature range:
from 0°C to +35°C for domestic use
(EN 60335-2-41 safety standards).
from 0°C to +40°C for other uses.
Maximum ambient temperature: +40°C
Maximum working pressure: 12 bar (1200 kPa).
Installation: fixed, in vertical or horizontal position.
Providing that the motor is positioned above the pump.
Special versions on request: Other voltages and/or frequencies.

ACCESSORIES PAG. 203

KVC

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA										DNA GAS	DNM GAS	H mm	Weight Kg
		VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOTOR TYPE	Q=m³h	0	0,6	1,2	1,8	2,4	3	3,3	3,9	4,8				
							Q=l/min	0	10	20	30	40	50	55	65	80				
KVC 15-30 M	102990320	1 x 220 - 240 V ~	0,25	0,33	1,6	-		22,4	21,2	19,2	16,7	13,8	9,9	7,6			1" ¼	1" ¼	450	14,0
KVC 15-30 T	102990330	3 x 230 - 400 V ~	0,25	0,33	1,4-0,8	-		22,4	21,2	19,2	16,7	13,8	9,9	7,6			1" ¼	1" ¼	450	14,0
KVC 25-30 M	102990340	1 x 220 - 240 V ~	0,37	0,5	2,4	-		33,9	32,1	29,1	25,3	20,9	15,0	11,6			1" ¼	1" ¼	478	14,4
KVC 25-30 T	102990350	3 x 230 - 400 V ~	0,37	0,5	1,7-1,0	-		33,9	32,1	29,1	25,3	20,9	15,0	11,6			1" ¼	1" ¼	478	14,4
KVC 35-30 M	102990000	1 x 220 - 240 V ~	0,45	0,6	3,2	-		45,6	43,2	39,1	34,1	28,2	20,2	15,6			1" ¼	1" ¼	505	14,0
KVC 35-30 T	102990010	3 x 230 - 400 V ~	0,45	0,6	2,1-1,2	-		45,6	43,2	39,1	34,1	28,2	20,2	15,6			1" ¼	1" ¼	505	14,0
KVC 45-30 M	102990020	1 x 220 - 240 V ~	0,55	0,75	4	-		56,6	53,5	48,4	42,0	34,6	24,5	19,0			1" ¼	1" ¼	533	14,4
KVC 45-30 T	102990030	3 x 230 - 400 V ~	0,55	0,75	2,4-1,4	-		56,6	53,5	48,4	42,0	34,6	24,5	19,0			1" ¼	1" ¼	533	14,4
KVC 50-30 M	102990040	1 x 220 - 240 V ~	0,75	1	4,9	-		69,8	66,2	59,9	52,2	43,1	30,9	23,9			1" ¼	G 1" ¼	598	16,2
KVC 50-30 T	60145203	3 x 230 - 400 V ~	0,75	1	3,8-2,2	IE2		69,8	66,2	59,9	52,2	43,1	30,9	23,9			1" ¼	1" ¼	598	16,2
KVC 50-30 T	60179387	3 x 230 - 400 V ~	0,75	1	3,8-2,2	IE3		69,8	66,2	59,9	52,2	43,1	30,9	23,9			1" ¼	1" ¼	598	16,2
KVC 60-30 M	102990060	1 x 220 - 240 V ~	0,8	1,1	5,6	-		82,0	77,0	70,0	61,0	49,5	35,5	27,5			1" ¼	1" ¼	625	17,2
KVC 60-30 T	60145204	3 x 230 - 400 V ~	0,8	1,1	3,8-2,2	IE2		82,0	77,0	70,0	61,0	49,5	35,5	27,5			1" ¼	1" ¼	625	17,2
KVC 60-30 T	60179388	3 x 230 - 400 V ~	0,8	1,1	3,8-2,2	IE3		82,0	77,0	70,0	61,0	49,5	35,5	27,5			1" ¼	1" ¼	625	17,2
KVC 70-30 M	102990080	1 x 220 - 240 V ~	1	1,36	6,5	-		95,0	90,0	81,5	71,0	58,7	42,0	32,5			1" ¼	1" ¼	653	18,4
KVC 70-30 T	60145302	3 x 230 - 400 V ~	1	1,36	4,4-2,6	IE2		95,0	90,0	81,5	71,0	58,7	42,0	32,5			1" ¼	1" ¼	653	18,4
KVC 70-30 T	60179399	3 x 230 - 400 V ~	1	1,36	4,4-2,6	IE3		95,0	90,0	81,5	71,0	58,7	42,0	32,5			1" ¼	1" ¼	653	18,4
KVC 20-50 M	102990360	1 x 220 - 240 V ~	0,37	0,5	2,5	-	H (m)	27,4	26,9	26,0	24,9	23,1	21,1	19,8	16,9	11,4	1" ¼	1" ¼	450	13,5
KVC 20-50 T	102990370	3 x 230 - 400 V ~	0,37	0,5	1,7-1,0	-		27,4	26,9	26,0	24,9	23,1	21,1	19,8	16,9	11,4	1" ¼	1" ¼	450	13,5
KVC 30-50 M	102990100	1 x 220 - 240 V ~	0,55	0,75	4	-		41,1	40,3	39,0	37,3	34,7	31,6	29,7	25,3	17,1	1" ¼	1" ¼	478	13,7
KVC 30-50 T	102990110	3 x 230 - 400 V ~	0,55	0,75	2,4-1,4	-		41,1	40,3	39,0	37,3	34,7	31,6	29,7	25,3	17,1	1" ¼	1" ¼	478	13,7
KVC 40-50 M	102990120	1 x 220 - 240 V ~	0,8	1,1	5,6	-		54,9	53,7	52,0	49,7	46,3	42,1	39,6	33,7	22,9	1" ¼	1" ¼	505	15,8
KVC 40-50 T	60145303	3 x 230 - 400 V ~	0,8	1,1	3,8-2,2	IE2		54,9	53,7	52,0	49,7	46,3	42,1	39,6	33,7	22,9	1" ¼	1" ¼	505	15,8
KVC 40-50 T	60179400	3 x 230 - 400 V ~	0,8	1,1	3,8-2,2	IE3		54,9	53,7	52,0	49,7	46,3	42,1	39,6	33,7	22,9	1" ¼	1" ¼	505	15,8
KVC 55-50 M	102990140	1 x 220 - 240 V ~	1	1,36	6,4	-		68,6	67,1	65,0	62,1	57,9	52,7	49,5	42,1	28,6	1" ¼	1" ¼	533	17,0
KVC 55-50 T	60145304	3 x 230 - 400 V ~	1	1,36	4,4-2,6	IE2		68,6	67,1	65,0	62,1	57,9	52,7	49,5	42,1	28,6	1" ¼	1" ¼	533	17,0
KVC 55-50 T	60179398	3 x 230 - 400 V ~	1	1,36	4,4-2,6	IE3		68,6	67,1	65,0	62,1	57,9	52,7	49,5	42,1	28,6	1" ¼	1" ¼	533	17,0
KVC 65-50 M	102990160	1 x 220 - 240 V ~	1,1	1,5	7,4	-		82,3	80,6	78,0	74,6	69,4	63,2	59,4	50,6	34,3	1" ¼	1" ¼	600	20,2
KVC 65-50 T	60145878	3 x 230 - 400 V ~	1,1	1,5	7-4	IE2		82,3	80,6	78,0	74,6	69,4	63,2	59,4	50,6	34,3	1" ¼	1" ¼	600	19,8
KVC 65-50 T	60179914	3 x 230 - 400 V ~	1,1	1,5	7-4	IE3		82,3	80,6	78,0	74,6	69,4	63,2	59,4	50,6	34,3	1" ¼	1" ¼	600	19,8
KVC 75-50 M	102990180	1 x 220 - 240 V ~	1,5	2	9	-		96,0	94,0	91,0	87,0	81,0	73,8	69,3	59,0	40,0	1" ¼	1" ¼	627	21,2
KVC 75-50 T	60145879	3 x 230 - 400 V ~	1,5	2	7,7-4,3	IE2		96,0	94,0	91,0	87,0	81,0	73,8	69,3	59,0	40,0	1" ¼	1" ¼	627	20,6
KVC 75-50 T	60179915	3 x 230 - 400 V ~	1,5	2	7,7-4,3	IE3		96,0	94,0	91,0	87,0	81,0	73,8	69,3	59,0	40,0	1" ¼	1" ¼	627	20,6

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

KVC / KVCX

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

KVC

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA																	DNA GAS	DNM GAS	H mm	Weight Kg
		VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOTOR TYPE	Q=m³h	0	0,6	1,2	1,8	2,4	3	3,3	3,9	4,8	5,4	6	7,2	8,4	9,6	10,8	12				
							Q=l/min	0	10	20	30	40	50	55	65	80	90	100	120	140	160	180	200				
KVC 15-80 M	102990380	1 x 220 - 240 V ~	0,37	0,5	2,5	-		22,8	22,4	21,7	21,1	20,3	19,1	18,3	16,8	14,0	11,7	9,5	4,5					1" ¼	1" ¼	450	13,5
KVC 15-80 T	102990390	3 x 230 - 400 V ~	0,37	0,5	1,7-1,0	-		22,8	22,4	21,7	21,1	20,3	19,1	18,3	16,8	14,0	11,7	9,5	4,5					1" ¼	1" ¼	450	13,5
KVC 20-80 M	102990200	1 x 220 - 240 V ~	0,55	0,75	4,1	-		34,6	34,0	33,0	32,1	30,9	29,2	28,0	25,8	21,7	18,3	14,9	7,5					1" ¼	1" ¼	478	13,7
KVC 20-80 T	102990210	3 x 230 - 400 V ~	0,55	0,75	2,4-1,4	-		34,6	34,0	33,0	32,1	30,9	29,2	28,0	25,8	21,7	18,3	14,9	7,5					1" ¼	1" ¼	478	13,7
KVC 30-80 M	102990220	1 x 220 - 240 V ~	0,8	1,1	5,6	-		46,6	45,8	44,6	43,4	41,8	39,5	38,0	35,2	29,8	25,5	21,0	11,0					1" ¼	1" ¼	505	15,7
KVC 30-80 T	60145305	3 x 230 - 400 V ~	0,8	1,1	3,8-2,2	IE2		46,6	45,8	44,6	43,4	41,8	39,5	38,0	35,2	29,8	25,5	21,0	11,0					1" ¼	1" ¼	505	15,5
KVC 30-80 T	60179410	3 x 230 - 400 V ~	0,8	1,1	3,8-2,2	IE3		46,6	45,8	44,6	43,4	41,8	39,5	38,0	35,2	29,8	25,5	21,0	11,0					1" ¼	1" ¼	505	15,5
KVC 40-80 M	102990240	1 x 220 - 240 V ~	1	1,36	6,5	-		58,8	57,9	56,5	55,0	53,1	50,3	48,5	45,0	38,4	33,1	27,6	15,1					G 1" ¼	G 1" ¼	533	17,0
KVC 40-80 T	60145306	3 x 230 - 400 V ~	1	1,36	4,4-2,6	IE2		58,8	57,9	56,5	55,0	53,1	50,3	48,5	45,0	38,4	33,1	27,6	15,1					G 1" ¼	G 1" ¼	533	17,0
KVC 40-80 T	60179408	3 x 230 - 400 V ~	1	1,36	4,4-2,6	IE3		58,8	57,9	56,5	55,0	53,1	50,3	48,5	45,0	38,4	33,1	27,6	15,1					G 1" ¼	G 1" ¼	533	17,0
KVC 45-80 M	102990260	1 x 220 - 240 V ~	1,1	1,5	7,4	-		71,3	70,2	68,7	66,9	64,7	61,4	59,4	55,3	47,5	41,4	34,9	19,9					G 1" ¼	G 1" ¼	600	20,1
KVC 45-80 T	60145880	3 x 230 - 400 V ~	1,1	1,5	5,4-3,1	IE2		71,3	70,2	68,7	66,9	64,7	61,4	59,4	55,3	47,5	41,4	34,9	19,9					G 1" ¼	G 1" ¼	600	20,2
KVC 45-80 T	60179879	3 x 230 - 400 V ~	1,1	1,5	5,4-3,1	IE3		71,3	70,2	68,7	66,9	64,7	61,4	59,4	55,3	47,5	41,4	34,9	19,9					G 1" ¼	G 1" ¼	600	20,2
KVC 55-80 M	102990280	1 x 220 - 240 V ~	1,5	2	9	-		84,0	82,8	81,2	79,2	76,6	72,9	70,7	66,0	57,1	50,3	42,8	25,5					G 1" ¼	G 1" ¼	627	21,2
KVC 55-80 T	60145881	3 x 230 - 400 V ~	1,5	2	6,2-3,6	IE2		84,0	82,8	81,2	79,2	76,6	72,9	70,7	66,0	57,1	50,3	42,8	25,5					G 1" ¼	G 1" ¼	627	20,0
KVC 55-80 T	60179864	3 x 230 - 400 V ~	1,5	2	6,2-3,6	IE3		84,0	82,8	81,2	79,2	76,6	72,9	70,7	66,0	57,1	50,3	42,8	25,5					G 1" ¼	G 1" ¼	627	20,0
KVC 65-80 T	60145913	3 x 230 - 400 V ~	2,2	3	8-4,6	IE2	H (m)	97,0	95,7	94,0	91,8	88,9	84,7	82,5	77,2	67,3	59,9	51,5	32,0					G 1" ¼	G 1" ¼	655	21,6
KVC 65-80 T	60179862	3 x 230 - 400 V ~	2,2	3	8-4,6	IE3		97,0	95,7	94,0	91,8	88,9	84,7	82,5	77,2	67,3	59,9	51,5	32,0					G 1" ¼	G 1" ¼	655	21,6
KVC 25-120 M	102990400	1 x 220 - 240 V ~	1	1,36	6,5	-		30,4	30,3	30,2	30,0	29,9	29,6	29,3	28,7	27,7	26,9	25,9	23,2	19,9	16,4	12,0	7,0	G 1" ¼	G 1" ¼	450	17,0
KVC 25-120 T	60145816	3 x 230 - 400 V ~	1	1,36	5-2,9	IE2		30,4	30,3	30,2	30,0	29,9	29,6	29,3	28,7	27,7	26,9	25,9	23,2	19,9	16,4	12,0	7,0	G 1" ¼	G 1" ¼	450	17,1
KVC 25-120 T	60179878	3 x 230 - 400 V ~	1	1,36	5-2,9	IE3		30,4	30,3	30,2	30,0	29,9	29,6	29,3	28,7	27,7	26,9	25,9	23,2	19,9	16,4	12,0	7,0	G 1" ¼	G 1" ¼	450	17,1
KVC 35-120 M	102990420	1 x 220 - 240 V ~	1,1	1,5	7,4	-		46,2	46,1	45,7	45,3	44,8	44,0	43,7	42,7	40,9	39,3	37,4	33,7	29,4	24,2	18,0	11,0	G 1" ¼	G 1" ¼	480	20,1
KVC 35-120 T	60145817	3 x 230 - 400 V ~	1,1	1,5	6-3,5	IE2		46,2	46,1	45,7	45,3	44,8	44,0	43,7	42,7	40,9	39,3	37,4	33,7	29,4	24,2	18,0	11,0	G 1" ¼	G 1" ¼	480	20,2
KVC 35-120 T	60179872	3 x 230 - 400 V ~	1,1	1,5	6-3,5	IE3		46,2	46,1	45,7	45,3	44,8	44,0	43,7	42,7	40,9	39,3	37,4	33,7	29,4	24,2	18,0	11,0	G 1" ¼	G 1" ¼	480	20,2
KVC 45-120 M	102990440	1 x 220 - 240 V ~	1,85	2,5	12	-		62,4	62,0	61,4	60,8	60,1	59,1	58,6	57,5	55,3	53,4	51,4	46,2	40,6	34,0	26,3	17,0	G 1" ¼	G 1" ¼	507	20,2
KVC 45-120 T	60145960	3 x 230 - 400 V ~	1,85	2,5	7,9-4,6	IE2		62,4	62,0	61,4	60,8	60,1	59,1	58,6	57,5	55,3	53,4	51,4	46,2	40,6	34,0	26,3	17,0	G 1" ¼	G 1" ¼	507	21,9
KVC 45-120 T	60179863	3 x 230 - 400 V ~	1,85	2,5	7,9-4,6	IE3		62,4	62,0	61,4	60,8	60,1	59,1	58,6	57,5	55,3	53,4	51,4	46,2	40,6	34,0	26,3	17,0	G 1" ¼	G 1" ¼	507	21,9
KVC 60-120 T	60145961	3 x 230 - 400 V ~	2,2	3	9,3-5,4	IE2		78,0	77,5	76,7	75,9	75,1	73,9	73,3	71,5	68,3	65,9	63,2	58,0	51,0	43,4	35,0	24,5	G 1" ¼	G 1" ¼	610	21,6
KVC 60-120 T	60179867	3 x 230 - 400 V ~	2,2	3	9,3-5,4	IE3		78,0	77,5	76,7	75,9	75,1	73,9	73,3	71,5	68,3	65,9	63,2	58,0	51,0	43,4	35,0	24,5	G 1" ¼	G 1" ¼	610	21,6
KVC 70-120 T	60146006	3 x 230 - 400 V ~	3	4	11,8-6,8	IE2		95,0	94,3	93,4	92,5	91,4	89,8	88,9	86,8	83,2	80,5	77,9	71,7	63,9	54,7	44,0	31,0	G 1" ¼	G 1" ¼	675	24,0
KVC 70-120 T	60179876	3 x 230 - 400 V ~	3	4	11,8-6,8	IE3		95,0	94,3	93,4	92,5	91,4	89,8	88,9	86,8	83,2	80,5	77,9	71,7	63,9	54,7	44,0	31,0	G 1" ¼	G 1" ¼	675	24,0
KVC 85-120 T	60146007	3 x 230 - 400 V ~	3	4	13,5-7,8	IE2		112,7	111,6	110,3	109,0	107,6	105,7	104,5	101,9	97,5	94,1	89,9	81,6	72,1	61,2	48,9	34,0	G 1" ¼	G 1" ¼	702	25,0
KVC 85-120 T	60179865	3 x 230 - 400 V ~	3	4	13,5-7,8	IE3		112,7	111,6	110,3	109,0	107,6	105,7	104,5	101,9	97,5	94,1	89,9	81,6	72,1	61,2	48,9	34,0	G 1" ¼	G 1" ¼	702	25,0

KVCX

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA										DNA GAS	DNM GAS	H mm	Weight Kg
		VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOTOR TYPE	Q=m³h	0	0,6	1,2	1,8	2,4	3	3,3	3,9	4,8				
							Q=l/min	0	10	20	30	40	50	55	65	80				
KVCX 15-30 M	102980320	1 x 220 - 240 V ~	0,25	0,33	1,6	-		22,4	21,2	19,2	16,7	13,8	9,9	7,6			1" ¼	1" ¼	450	14,0
KVCX 15-30 T	102980330	3 x 230 - 400 V ~	0,25	0,33	1,4-0,8	-		22,4	21,2	19,2	16,7	13,8	9,9	7,6			1" ¼	1" ¼	450	14,0
KVCX 25-30 M	102980340	1 x 220 - 240 V ~	0,37	0,5	2,4	-		33,9	32,1	29,1	25,3	20,9	15,0	11,6			1" ¼	1" ¼	478	14,4
KVCX 25-30 T	102980350	3 x 230 - 400 V ~	0,37	0,5	1,7-1,0	-		33,9	32,1	29,1	25,3	20,9	15,0	11,6			1" ¼	1" ¼	478	14,4
KVCX 35-30 M	102980000	1 x 220 - 240 V ~	0,45	0,6	3,2	-		45,6	43,2	39,1	34,1	28,2	20,2	15,6			1" ¼	1" ¼	505	14,0
KVCX 35-30 T	102980010	3 x 230 - 400 V ~	0,45	0,6	2,1-1,2	-		45,6	43,2	39,1	34,1	28,2	20,2	15,6			1" ¼	1" ¼	505	14,0
KVCX 45-30 M	102980020	1 x 220 - 240 V ~	0,55	0,75	4	-	H (m)	56,6	53,5	48,4	42,0	34,6	24,5	19,0			G 1" ¼	1" ¼	533	14,4
KVCX 45-30 T	102980030	3 x 230 - 400 V ~	0,55	0,75	2,4-1,4	-		56,6	53,5	48,4	42,0	34,6	24,5	19,0			1" ¼	1" ¼	533	14,4
KVCX 50-30 M	102980040	1 x 220 - 240 V ~	0,75	1	4,9	-		69,8	66,2	59,9	52,2	43,1	30,9	23,9			1" ¼	G 1" ¼	598	16,2
KVCX 50-30 T	60145199	3 x 230 - 400 V ~	0,75	1	3,8-2,2	IE2		69,8	66,2	59,9	52,2	43,1	30,9	23,9			1" ¼	1" ¼	598	16,2
KVCX 50-30 T	60179389	3 x 230 - 400 V ~	0,75	1	3,8-2,2	IE3		69,8	66,2	59,9	52,2	43,1	30,9	23,9			1" ¼	1" ¼	598	16,2
KVCX 60-30 M	102980060	1 x 220 - 240 V ~	0,8	1,1	5,6	-		82,0	77,0	70,0	61,0	49,5	35,5	27,5			1" ¼	1" ¼	625	17,2
KVCX 60-30 T	60145201	3 x 230 - 400 V ~	0,8	1,1	3,8-2,2	IE2		82,0	77,0	70,0	61,0	49,5	35,5	27,5			1" ¼	1" ¼	625	17,2
KVCX 60-30 T	60179390	3 x 230 - 400 V ~	0,8	1,1	3,8-2,2	IE3		82,0	77,0	70,0	61,0	49,5	35,5	27,5			1" ¼	1" ¼	625	17,2

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

KVC / KVCX

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

KVCX

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA																			DNA GAS	DNM GAS	H mm	Weight Kg
		VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOT. TYPE	Q=m³h	0	0,6	1,2	1,8	2,4	3	3,3	3,9	4,8	5,4	6	7,2	8,4	9,6	10,8	12				
							Q=l/min	0	10	20	30	40	50	55	65	80	90	100	120	140	160	180	200				
KVCX 70-30 M	102980080	1 x 220 - 240 V ~	1	1,36	6,5	-		95,0	90,0	81,5	71,0	58,7	42,0	32,5											1" ¼	1" ¼	653	18,4
KVCX 70-30 T	60145291	3 x 230 - 400 V ~	1	1,36	4,4-2,6	IE2		95,0	90,0	81,5	71,0	58,7	42,0	32,5											1" ¼	1" ¼	653	18,4
KVCX 70-30 T	60179401	3 x 230 - 400 V ~	1	1,36	4,4-2,6	IE3		95,0	90,0	81,5	71,0	58,7	42,0	32,5											1" ¼	1" ¼	653	18,4
KVCX 20-50 M	102980360	1 x 220 - 240 V ~	0,37	0,5	2,5	-		27,4	26,9	26,0	24,9	23,1	21,1	19,8	16,9	11,4									1" ¼	1" ¼	450	13,5
KVCX 20-50 T	102980370	3 x 230 - 400 V ~	0,37	0,5	1,7-1,0	-		27,4	26,9	26,0	24,9	23,1	21,1	19,8	16,9	11,4									1" ¼	1" ¼	450	13,5
KVCX 30-50 M	102980100	1 x 220 - 240 V ~	0,55	0,75	4	-		41,1	40,3	39,0	37,3	34,7	31,6	29,7	25,3	17,1									1" ¼	1" ¼	478	13,7
KVCX 30-50 T	102980110	3 x 230 - 400 V ~	0,55	0,75	2,4-1,4	-		41,1	40,3	39,0	37,3	34,7	31,6	29,7	25,3	17,1									1" ¼	1" ¼	478	13,7
KVCX 40-50 M	102980120	1 x 220 - 240 V ~	0,8	1,1	5,6	-		54,9	53,7	52,0	49,7	46,3	42,1	39,6	33,7	22,9									1" ¼	1" ¼	505	15,8
KVCX 40-50 T	60145293	3 x 230 - 400 V ~	0,8	1,1	3,8-2,2	IE2		54,9	53,7	52,0	49,7	46,3	42,1	39,6	33,7	22,9									1" ¼	1" ¼	505	15,8
KVCX 40-50 T	60179402	3 x 230 - 400 V ~	0,8	1,1	3,8-2,2	IE3		54,9	53,7	52,0	49,7	46,3	42,1	39,6	33,7	22,9									1" ¼	1" ¼	505	15,8
KVCX 55-50 M	102980140	1 x 220 - 240 V ~	1	1,36	6,4	-		68,6	67,1	65,0	62,1	57,9	52,7	49,5	42,1	28,6									1" ¼	1" ¼	533	17,0
KVCX 55-50 T	60145295	3 x 230 - 400 V ~	1	1,36	4,4-2,6	IE2		68,6	67,1	65,0	62,1	57,9	52,7	49,5	42,1	28,6									1" ¼	1" ¼	533	17,0
KVCX 55-50 T	60179403	3 x 230 - 400 V ~	1	1,36	4,4-2,6	IE3		68,6	67,1	65,0	62,1	57,9	52,7	49,5	42,1	28,6									1" ¼	1" ¼	533	17,0
KVCX 65-50 M	102980160	1 x 220 - 240 V ~	1,1	1,5	7,4	-		82,3	80,6	78,0	74,6	69,4	63,2	59,4	50,6	34,3									1" ¼	1" ¼	600	20,2
KVCX 65-50 T	60145869	3 x 230 - 400 V ~	1,1	1,5	7-4	IE2		82,3	80,6	78,0	74,6	69,4	63,2	59,4	50,6	34,3									1" ¼	1" ¼	600	19,8
KVCX 65-50 T	60179919	3 x 230 - 400 V ~	1,1	1,5	7-4	IE3		82,3	80,6	78,0	74,6	69,4	63,2	59,4	50,6	34,3									1" ¼	1" ¼	600	19,8
KVCX 75-50 M	102980180	1 x 220 - 240 V ~	1,5	2	9	-		96,0	94,0	91,0	87,0	81,0	73,8	69,3	59,0	40,0									1" ¼	1" ¼	627	21,2
KVCX 75-50 T	60145871	3 x 230 - 400 V ~	1,5	2	7,7-4,3	IE2		96,0	94,0	91,0	87,0	81,0	73,8	69,3	59,0	40,0									1" ¼	1" ¼	627	20,6
KVCX 75-50 T	60179917	3 x 230 - 400 V ~	1,5	2	7,7-4,3	IE3		96,0	94,0	91,0	87,0	81,0	73,8	69,3	59,0	40,0									1" ¼	1" ¼	627	20,6
KVCX 15-80 M	102980380	1 x 220 - 240 V ~	0,37	0,5	2,5	-		22,8	22,4	21,7	21,1	20,3	19,1	18,3	16,8	14,0	11,7	9,5	4,5						1" ¼	1" ¼	450	13,5
KVCX 15-80 T	102980390	3 x 230 - 400 V ~	0,37	0,5	1,7-1,0	-		22,8	22,4	21,7	21,1	20,3	19,1	18,3	16,8	14,0	11,7	9,5	4,5						1" ¼	1" ¼	450	13,5
KVCX 20-80 M	102980200	1 x 220 - 240 V ~	0,55	0,75	4,1	-		34,6	34,0	33,0	32,1	30,9	29,2	28,0	25,8	21,7	18,3	14,9	7,5						1" ¼	1" ¼	478	13,7
KVCX 20-80 T	102980210	3 x 230 - 400 V ~	0,55	0,75	2,4-1,4	-		34,6	34,0	33,0	32,1	30,9	29,2	28,0	25,8	21,7	18,3	14,9	7,5						1" ¼	1" ¼	478	13,7
KVCX 30-80 M	102980220	1 x 220 - 240 V ~	0,8	1,1	5,6	-		46,6	45,8	44,6	43,4	41,8	39,5	38,0	35,2	29,8	25,5	21,0	11,0						1" ¼	1" ¼	505	15,7
KVCX 30-80 T	60145297	3 x 230 - 400 V ~	0,8	1,1	3,8-2,2	IE2		46,6	45,8	44,6	43,4	41,8	39,5	38,0	35,2	29,8	25,5	21,0	11,0						1" ¼	1" ¼	505	15,5
KVCX 30-80 T	60179411	3 x 230 - 400 V ~	0,8	1,1	3,8-2,2	IE3		46,6	45,8	44,6	43,4	41,8	39,5	38,0	35,2	29,8	25,5	21,0	11,0						1" ¼	1" ¼	505	15,5
KVCX 40-80 M	102980240	1 x 220 - 240 V ~	1	1,36	6,5	-	H (m)	58,8	57,9	56,5	55,0	53,1	50,3	48,5	45,0	38,4	33,1	27,6	15,1						G 1" ¼	G 1" ¼	533	17,0
KVCX 40-80 T	60145299	3 x 230 - 400 V ~	1	1,36	4,4-2,6	IE2		58,8	57,9	56,5	55,0	53,1	50,3	48,5	45,0	38,4	33,1	27,6	15,1						G 1" ¼	G 1" ¼	533	17,0
KVCX 40-80 T	60179409	3 x 230 - 400 V ~	1	1,36	4,4-2,6	IE3		58,8	57,9	56,5	55,0	53,1	50,3	48,5	45,0	38,4	33,1	27,6	15,1						G 1" ¼	G 1" ¼	533	17,0
KVCX 45-80 M	102980260	1 x 220 - 240 V ~	1,1	1,5	7,4	-		71,3	70,2	68,7	66,9	64,7	61,4	59,4	55,3	47,5	41,4	34,9	19,9						G 1" ¼	G 1" ¼	600	20,1
KVCX 45-80 T	60145873	3 x 230 - 400 V ~	1,1	1,5	5,4-3,1	IE2		71,3	70,2	68,7	66,9	64,7	61,4	59,4	55,3	47,5	41,4	34,9	19,9						G 1" ¼	G 1" ¼	600	20,2
KVCX 45-80 T	60179873	3 x 230 - 400 V ~	1,1	1,5	5,4-3,1	IE3		71,3	70,2	68,7	66,9	64,7	61,4	59,4	55,3	47,5	41,4	34,9	19,9						G 1" ¼	G 1" ¼	600	20,2
KVCX 55-80 M	102980280	1 x 220 - 240 V ~	1,5	2	9	-		84,0	82,8	81,2	79,2	76,6	72,9	70,7	66,0	57,1	50,3	42,8	25,5						G 1" ¼	G 1" ¼	627	21,2
KVCX 55-80 T	60145875	3 x 230 - 400 V ~	1,5	2	6,2-3,6	IE2		84,0	82,8	81,2	79,2	76,6	72,9	70,7	66,0	57,1	50,3	42,8	25,5						G 1" ¼	G 1" ¼	627	20,0
KVCX 55-80 T	60179868	3 x 230 - 400 V ~	1,5	2	6,2-3,6	IE3		84,0	82,8	81,2	79,2	76,6	72,9	70,7	66,0	57,1	50,3	42,8	25,5						G 1" ¼	G 1" ¼	627	20,0
KVCX 65-80 T	60145911	3 x 230 - 400 V ~	2,2	3	8-4,6	IE2		97,0	95,7	94,0	91,8	88,9	84,7	82,5	77,2	67,3	59,9	51,5	32,0						G 1" ¼	G 1" ¼	655	21,6
KVCX 65-80 T	60179874	3 x 230 - 400 V ~	2,2	3	8-4,6	IE3		97,0	95,7	94,0	91,8	88,9	84,7	82,5	77,2	67,3	59,9	51,5	32,0						G 1" ¼	G 1" ¼	655	21,6
KVCX 25-120 M	102980400	1 x 220 - 240 V ~	1	1,36	6,5	-		30,4	30,3	30,2	30,0	29,9	29,6	29,3	28,7	27,7	26,9	25,9	23,2	19,9	16,4	12,0	7,0		G 1" ¼	G 1" ¼	450	17,0
KVCX 25-120 T	60145811	3 x 230 - 400 V ~	1	1,36	5-2,9	IE2		30,4	30,3	30,2	30,0	29,9	29,6	29,3	28,7	27,7	26,9	25,9	23,2	19,9	16,4	12,0	7,0		G 1" ¼	G 1" ¼	450	17,1
KVCX 25-120 T	60179880	3 x 230 - 400 V ~	1	1,36	5-2,9	IE3		30,4	30,3	30,2	30,0	29,9	29,6	29,3	28,7	27,7	26,9	25,9	23,2	19,9	16,4	12,0	7,0		G 1" ¼	G 1" ¼	450	17,1
KVCX 35-120 M	102980420	1 x 220 - 240 V ~	1,1	1,5	7,4	-		46,2	46,1	45,7	45,3	44,8	44,0	43,7	42,7	40,9	39,3	37,4	33,7	29,4	24,2	18,0	11,0		G 1" ¼	G 1" ¼	480	20,1
KVCX 35-120 T	60145813	3 x 230 - 400 V ~	1,1	1,5	6-3,5	IE2		46,2	46,1	45,7	45,3	44,8	44,0	43,7	42,7	40,9	39,3	37,4	33,7	29,4	24,2	18,0	11,0		G 1" ¼	G 1" ¼	480	20,2
KVCX 35-120 T	60179866	3 x 230 - 400 V ~	1,1	1,5	6-3,5	IE3		46,2	46,1	45,7	45,3	44,8	44,0	43,7	42,7	40,9	39,3	37,4	33,7	29,4	24,2	18,0	11,0		G 1" ¼	G 1" ¼	480	20,2
KVCX 45-120 M	102980440	1 x 220 - 240 V ~	1,85	2,5	12	-		62,4	62,0	61,4	60,8	60,1	59,1	58,6	57,5	55,3	53,4	51,4	46,2	40,6	34,0	26,3	17,0		G 1" ¼	G 1" ¼	507	20,2
KVCX 45-120 T	60145949	3 x 230 - 400 V ~	1,85	2,5	7,9-4,6	IE2		62,4	62,0	61,4	60,8	60,1	59,1	58,6	57,5	55,3	53,4	51,4	46,2	40,6	34,0	26,3	17,0		G 1" ¼	G 1" ¼	507	21,9
KVCX 45-120 T	60179376	3 x 230 - 400 V ~	1,85	2,5	7,9-4,6	IE3		62,4	62,0	61,4	60,8	60,1	59,1	58,6	57,5	55,3	53,4	51,4	46,2	40,6	34,0	26,3	17,0		G 1" ¼	G 1" ¼	507	21,9
KVCX 60-120 T	60145952	3 x 230 - 400 V ~	2,2	3	9,3-5,4	IE2		78,0	77,5	76,7	75,9	75,1	73,9	73,3	71,5	68,3	65,9	63,2	58,0	51,0	43,4	35,0	24,5		G 1" ¼	G 1" ¼	610	21,6
KVCX 60-120 T	60179856	3 x 230 - 400 V ~	2,2	3	9,3-5,4	IE3		78,0	77,5	76,7	75,9	75,1	73,9	73,3	71,5	68,3	65,9	63,2	58,0	51,0	43,4	35,0	24,5		G 1" ¼	G 1" ¼	610	21,6
KVCX 70-120 T	60146000	3 x 230 - 400 V ~	3	4	11,8-6,8	IE2		95,0	94,3	93,4	92,5	91,4	89,8	88,9	86,8	83,2	80,5	77,9	71,7	63,9	54,7	44,0	31,0		G 1" ¼	G 1" ¼	675	24,0
KVCX 70-120 T	60179871	3 x 230 - 400 V ~	3	4	11,8-6,8	IE3		95,0	94,3	93,4	92,5	91,4	89,8	88,9	86,8	83,2	80,5	77,9	71,7	63,9	54,7	44,0	31,0		G 1" ¼	G 1" ¼	675	24,0
KVCX 85-120 T	60146002	3 x 230 - 400 V ~	3	4	13,5-7,8	IE2		112,7	111,6	110,3	109,0	107,6	105,7	104,5	101,9	97,5	94,1	89,9	81,6	72,1	61,2	48,9	34,0		G 1" ¼	G 1" ¼	702	25,0
KVCX 85-120 T	60179860	3 x 230 - 400 V ~	3	4	13,5-7,8	IE3		112,7	111,6	110,3	109,0	107,6	105,7	104,5	101,9	97,5	94,1	89,9	81,6	72,1	61,2	48,9	34,0		G 1" ¼	G 1" ¼	702	25,0

IE2 ≥ 0,75kW ONLY FOR EXTRA MARKETS EU

KV 3 / KV 6 / KV 10

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

CE

CIVIL AND INDUSTRIAL PRESSURIZATION UNITS

Cast iron discharge and suction bodies treated against corrosion. Technopolymer impellers, diffuser bodies and diffusers. AISI 304 stainless steel pump liner and wear rings. AISI 416 stainless steel pump shaft and AISI 316 stainless steel sliding bush. Bronze sliding bush guide, self-lubricated by the pumped liquid itself.
Carbon/ceramic mechanical seal. Connected to the motor with a rigid coupling.
Supplied standard with threaded counterflanges. 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 in the single-phase version. Three-phase motors should be protected with a suitable overload protection complying with the regulations in force.

Operating range: from 1,8 to 13,5 m³/h with head up to 139 metres.
Liquid temperature range:
from 0°C to +35°C for domestic use
from -15°C to +110°C for other uses
Liquid quality requirements: clean, free from solids or abrasive substances, non viscous, non aggressive, non crystallized, chemically neutral, close to the characteristics of water..
Maximum ambient temperature: + 40°C
Maximum operating pressure: 18 bar (1800 kPA)
Motor protection: IP 55
Insulation class: F
Installation: fixed, in a vertical position.

KV 3/6/10

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA										DNA GAS	DNM GAS	H mm	Weight Kg
		VOLTAGE 50 Hz	P2 NOMINAL		In A	MOTOR TYPE	Q=m³h	0	1,8	3,6	5,4	7,2	8,4	10,2	12	13,8				
			kW	HP			Q=l/min	0	30	60	90	120	140	170	200	230				
KV 3/10 M	102491140	1 x 220 - 240 V ~	1,1	1,5	7,8	-		88	77	63,5	45,7	21					1,¼"	1¼"	782	27,2
KV 3/10 T	60145803	3 x 230 - 400 V ~	1,1	1,5	7-4	IE2		88	77	63,5	45,7	21					1¼"	1¼"	782	26,3
KV 3/10 T	60179908	3 x 230 - 400 V ~	1,1	1,5	7-4	IE3		88	77	63,5	45,7	21					1¼"	1¼"	782	26,3
KV 3/12 M	102491170	1 x 220 - 240 V ~	1,5	2	9,6	-		105,6	92,4	76,2	54,8	25,2					1¼"	1¼"	846	30,6
KV 3/12 T	60145861	3 x 230 - 400 V ~	1,5	2	7,5-4	IE2		105,6	92,4	76,2	54,8	25,2					1¼"	1¼"	846	28
KV 3/12 T	60179909	3 x 230 - 400 V ~	1,5	2	7,5-4	IE3		105,6	92,4	76,2	54,8	25,2					1¼"	1¼"	846	28
KV 3/15 M	102491190	1 x 220 - 240 V ~	1,85	2,5	11,3	-		132	115,5	95,3	68,6	31,5					1¼"	1¼"	942	33
KV 3/15 T	60145943	3 x 230 - 400 V ~	1,85	2,5	7,5-4,3	IE2		132	115,5	95,3	68,6	31,5					1¼"	1¼"	942	31,9
KV 3/15 T	60179883	3 x 230 - 400 V ~	1,85	2,5	7,5-4,3	IE3		132	115,5	95,3	68,6	31,5					1¼"	1¼"	942	33
KV 3/18 T	60145986	3 x 230 - 400 V ~	2,2	3	10-5,8	IE2		158,4	138,6	114,3	82,3	37,8					1¼"	1¼"	1116	35,8
KV 3/18 T	60179921	3 x 230 - 400 V ~	2,2	3	10-5,8	IE3		158,4	138,6	114,3	82,3	37,8					1¼"	1¼"	1116	35,8
KV 6/7 M	102491300	1 x 220 - 240 V ~	1,1	1,5	7,5	-		62,3	57,8	51,5	42,5	29,5	18,6				1¼"	1¼"	685	26,1
KV 6/7 T	60145804	3 x 230 - 400 V ~	1,1	1,5	5-2,9	IE2		62,3	57,8	51,5	42,5	29,5	18,6				1¼"	1¼"	685	25,2
KV 6/7 T	60179911	3 x 230 - 400 V ~	1,1	1,5	5-2,9	IE3		62,3	57,8	51,5	42,5	29,5	18,6				1¼"	1¼"	685	25,2
KV 6/9 M	102491340	1 x 220 - 240 V ~	1,5	2	9,4	-		80,1	74,3	66,2	54,6	38	23,9	16,4	12,0		1¼"	1¼"	750	29
KV 6/9 T	60145862	3 x 230 - 400 V ~	1,5	2	7,5-4,2	IE2		80,1	74,3	66,2	54,6	38	23,9	16,4	12,0		1¼"	1¼"	750	26,8
KV 6/9 T	60179913	3 x 230 - 400 V ~	1,5	2	7,5-4,2	IE3	H (m)	80,1	74,3	66,2	54,6	38	23,9	16,4	12,0		1¼"	1¼"	750	26,8
KV 6/11 M	102491380	1 x 220 - 240 V ~	1,85	2,5	11,1	-		97,9	90,8	81	66,8	46,4	29,2	24,2	18,0		1¼"	1¼"	815	31,3
KV 6/11 T	60145863	3 x 230 - 400 V ~	1,85	2,5	7,3-4,2	IE2		97,9	90,8	81	66,8	46,4	29,2	24,2	18,0		1¼"	1¼"	815	27,7
KV 6/11 T	60179910	3 x 230 - 400 V ~	1,85	2,5	7,3-4,2	IE3		97,9	90,8	81	66,8	46,4	29,2	24,2	18,0		1¼"	1¼"	815	27,7
KV 6/15 T	60145987	3 x 230 - 400 V ~	2,2	3	11-6,3	IE2		133,5	123,8	110,4	91,1	63,3	39,8	34,0	26,3		1¼"	1¼"	1020	34,5
KV 6/15 T	60179927	3 x 230 - 400 V ~	2,2	3	11-6,3	IE3		133,5	123,8	110,4	91,1	63,3	39,8	34,0	26,3		1¼"	1¼"	1020	34,5
KV 10/4 M	102491640	1 x 220 - 240 V ~	1,1	1,5	8,3	-		38,2	37,4	36,2	34,4	32	29,7	25,5	20	12,6	1¼"	1¼"	590	27,2
KV 10/4 T	60145805	3 x 230 - 400 V ~	1,1	1,5	6,1-3,5	IE2		38,2	37,4	36,2	34,4	32	29,7	25,5	20	12,6	1¼"	1¼"	590	26,3
KV 10/4 T	60179907	3 x 230 - 400 V ~	1,1	1,5	6,1-3,5	IE3		38,2	37,4	36,2	34,4	32	29,7	25,5	20	12,6	1¼"	1¼"	590	26,3
KV 10/5 M	102491660	1 x 220 - 240 V ~	1,5	2	10,4	-		47,8	46,8	45,2	43	40	37,2	31,9	25	15,8	1¼"	1¼"	625	30,6
KV 10/5 T	60145864	3 x 230 - 400 V ~	1,5	2	8-4,5	IE2		47,8	46,8	45,2	43	40	37,2	31,9	25	15,8	1¼"	1¼"	625	28
KV 10/5 T	60179904	3 x 230 - 400 V ~	1,5	2	8-4,5	IE3		47,8	46,8	45,2	43	40	37,2	31,9	25	15,8	1¼"	1¼"	625	28
KV 10/6 M	102491680	1 x 220 - 240 V ~	1,85	2,5	12,5	-		57,3	56,1	54,2	51,6	48	44,6	38,2	30	18,9	1¼"	1¼"	738	33
KV 10/6 T	60145944	3 x 230 - 400 V ~	1,85	2,5	8,7-5	IE2		57,3	56,1	54,2	51,6	48	44,6	38,2	30	18,9	1¼"	1¼"	738	31,9
KV 10/6 T	60179875	3 x 230 - 400 V ~	1,85	2,5	8,7-5	IE3		57,3	56,1	54,2	51,6	48	44,6	38,2	30	18,9	1¼"	1¼"	738	33
KV 10/8 T	60145988	3 x 230 - 400 V ~	2,2	3	11,8-6,8	IE2		76,4	74,8	72,3	68,8	64	59,4	51	40	25,2	1¼"	1¼"	798	35,8
KV 10/8 T	60179903	3 x 230 - 400 V ~	2,2	3	11,8-6,8	IE3		76,4	74,8	72,3	68,8	64	59,4	51	40	25,2	1¼"	1¼"	798	35,8

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

NKV 10 / NKV 15 / NKV 20

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

CE

CIVIL AND INDUSTRIAL PRESSURIZATION UNITS

Vertical multistage centrifugal pump suitable in medium and large water supplies.
It is ideal for pressure sets, boiler feed and hot water circulation, conveying condensate and cooling water, fire fighting and washing systems, supplying drinking water and feeding pressurised tanks, sprinkler and spraying irrigation systems.
All the parts in contact with liquid are stainless.
AISI 304 stainless steel internal pump body and AISI 304 stainless steel ULTEM, impellers, pump shaft and base liner.
Cast iron external pump body treated with cataphoresis, cast iron support.
"Cartridge" silicon/silicon mechanical seal exempt from maintenance.
Connected to the motor with a rigid coupling.

Motor protection: IP 55.
Insulation class: F.
Standard voltage:
three-phases 230-400 V / 50 Hz up to 4 kW included
three-phases400 V Δ / 50 Hz on the top of 4 kW.
Operating range:
from 4 to 29 m^3/h with head up to 249 meters.
Pumped liquid: without solid or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral, close to water characteristics.
Liquid temperature range: from -15°C to +120°C
Maximum ambient temperature: +40°C
Maximum working pressure: 25 bar (2500 kPa)
Installation: fixed, vertical mounting.
Special version on demand: different voltage supply and/or feeding frequence 60 hz version EFF 1 motor, and anti-deflagrating version.

WRAS APPROVED PRODUCT

ACCESSORIES PAG. 203

NKV 10

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA						DNA	DNM	H mm	Weight Kg
		VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOTOR TYPE	Q=m^3/h	0	4	8	10	12				
							Q=l/min	0	66	132	167	200				
NKV 10/2 T	60144697	3 x 230 - 400 V ~	0,75	1,1	2,81/1,62	IE2		20,2	20	18,3	15,8	12,5	DN 40	DN 40	526,8	47,9
NKV 10/2 T	60180173	3 x 230 - 400 V ~	0,75	1,1	2,81/1,62	IE3		20,2	20	18,3	15,8	12,5	DN 40	DN 40	526,8	41
NKV 10/3 T	60144698	3 x 230 - 400 V ~	1,1	1,5	4,07/2,36	IE2		30,3	31	27,5	23,6	18,8	DN 40	DN 40	559,8	49,3
NKV 10/3 T	60180174	3 x 230 - 400 V ~	1,1	1,5	4,07/2,36	IE3		30,3	31	27,5	23,6	18,8	DN 40	DN 40	559,8	41
NKV 10/4 T	60144699	3 x 230 - 400 V ~	1,5	2	5,8/3,35	IE2		40,4	41	36,7	31,5	25,1	DN 40	DN 40	617,8	54,4
NKV 10/4 T	60180175	3 x 230 - 400 V ~	1,5	2	5,8/3,35	IE3		40,4	41	36,7	31,5	25,1	DN 40	DN 40	617,8	46
NKV 10/5 T	60144700	3 x 230 - 400 V ~	2,2	3	8,23/4,75	IE2		50,5	51	45,8	39,4	31,3	DN 40	DN 40	675,8	58,6
NKV 10/5 T	60180176	3 x 230 - 400 V ~	2,2	3	8,23/4,75	IE3		50,5	51	45,8	39,4	31,3	DN 40	DN 40	675,8	49
NKV 10/6 T	60144701	3 x 230 - 400 V ~	2,2	3	8,23/4,75	IE2		60,5	61	55,0	47,3	37,6	DN 40	DN 40	708,8	57,85
NKV 10/6 T	60180177	3 x 230 - 400 V ~	2,2	3	8,23/4,75	IE3		60,5	61	55,0	47,3	37,6	DN 40	DN 40	708,8	48
NKV 10/7 T	60144702	3 x 400 V ~	3,0	4,0	5,85	IE2		70,6	72	64,2	55,1	43,8	DN 40	DN 40	781,8	64
NKV 10/7 T	60180178	3 x 400 V ~	3,0	4,0	5,85	IE3		70,6	72	64,2	55,1	43,8	DN 40	DN 40	781,8	55
NKV 10/8 T	60144703	3 x 400 V ~	3,0	4,0	5,85	IE2		80,7	82	73,3	63,0	50,1	DN 40	DN 40	814,8	72,2
NKV 10/8 T	60180179	3 x 400 V ~	3,0	4,0	5,85	IE3		80,7	82	73,3	63,0	50,1	DN 40	DN 40	814,8	58
NKV 10/9 T	60144704	3 x 400 V ~	3,0	4,0	5,85	IE2	H (m)	90,8	92	82,5	70,9	56,4	DN 40	DN 40	847,8	67
NKV 10/9 T	60180180	3 x 400 V ~	3,0	4,0	5,85	IE3		90,8	92	82,5	70,9	56,4	DN 40	DN 40	847,8	63
NKV 10/10 T	60144705	3 x 400 V ~	4,0	5,5	8,05	IE2		100,9	102	91,7	78,8	62,6	DN 40	DN 40	895,8	74,4
NKV 10/10 T	60180181	3 x 400 V ~	4,0	5,5	8,05	IE3		100,9	102	91,7	78,8	62,6	DN 40	DN 40	895,8	50
NKV 10/12 T	60144706	3 x 400 V ~	4,0	5,5	8,05	IE2		121,1	123	110,0	94,5	75,2	DN 40	DN 40	961,8	79,7
NKV 10/12 T	60180182	3 x 400 V ~	4,0	5,5	8,05	IE3		121,1	123	110,0	94,5	75,2	DN 40	DN 40	961,8	55
NKV 10/14 T	60144707	3 x 400 V ~	5,5	7,5	10,4	IE2		141,3	143	128,3	110,3	87,7	DN 40	DN 40	1097,8	116,5
NKV 10/14 T	60180183	3 x 400 V ~	5,5	7,5	10,4	IE3		141,3	143	128,3	110,3	87,7	DN 40	DN 40	1097,8	85
NKV 10/16 T	60144708	3 x 400 V ~	5,5	7,5	10,4	IE2		161,5	164	146,7	126,0	100,2	DN 40	DN 40	1163,8	120
NKV 10/16 T	60180184	3 x 400 V ~	5,5	7,5	10,4	IE3		161,5	164	146,7	126,0	100,2	DN 40	DN 40	1163,8	89
NKV 10/18 T	60167506	3 x 400 V ~	7,5	10	14,8	IE2		181,6	184	165,0	141,8	112,7	DN 40	DN 40	1370,8	116,66
NKV 10/18 T	60144709	3 x 400 V ~	7,5	10	13,4	IE3		181,6	184	165,0	141,8	112,7	DN 40	DN 40	1239,8	116
NKV 10/20 T	60167507	3 x 400 V ~	7,5	10	14,8	IE2		201,8	205	183,3	157,5	125,3	DN 40	DN 40	1436,8	118,34
NKV 10/20 T	60144710	3 x 400 V ~	7,5	10	13,4	IE3		201,8	205	183,3	157,5	125,3	DN 40	DN 40	1305,8	98
NKV 10/22 T	60167508	3 x 400 V ~	7,5	10	14,8	IE2		222	225	202	173,3	137,8	DN 40	DN 40	1502,8	120,02
NKV 10/22 T	60144711	3 x 400 V ~	7,5	10	13,4	IE3		222	225	202	173,3	137,8	DN 40	DN 40	1371,8	108

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

NKV 10 / NKV 15 / NKV 20

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

NKV 15

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA											DNA	DNM	H mm	Weight Kg
		VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOTOR TYPE	Q=m³h / Q=l/min	0 / 0	4 / 66	8 / 132	10 / 167	12 / 200	14 / 233	16 / 264	18 / 300	20 / 334	22 / 367	24 / 400				
NKV 15/2 T	60144712	3 x 230 - 400 V ~	2,2	3	8,23/4,75	IE2		27,2	26,7	26	26,1	25,5	24,5	23,2	21,6	19,8	17,4	14,6	DN 50	DN 50	631,5	65,1
NKV 15/2 T	60180185	3 x 230 - 400 V ~	2,2	3	8,23/4,75	IE3		27,2	26,7	26	26,1	25,5	24,5	23,2	21,6	19,8	17,4	14,6	DN 50	DN 50	631,5	55
NKV 15/3 T	60144713	3 x 400 V ~	3,0	4,0	5,85	IE2		40,8	40,0	40	39,1	38,3	36,8	34,8	32,5	29,7	26,1	21,9	DN 50	DN 50	721	65,6
NKV 15/3 T	60180186	3 x 400 V ~	3,0	4,0	5,85	IE3		40,8	40,0	40	39,1	38,3	36,8	34,8	32,5	29,7	26,1	21,9	DN 50	DN 50	721	57
NKV 15/4 T	60144714	3 x 400 V ~	4,0	5,5	8,05	IE2		54,4	53,4	53	52,1	51,0	49,0	46,4	43,3	39,6	34,8	29,2	DN 50	DN 50	785,5	67,8
NKV 15/4 T	60180187	3 x 400 V ~	4,0	5,5	8,05	IE3		54,4	53,4	53	52,1	51,0	49,0	46,4	43,3	39,6	34,8	29,2	DN 50	DN 50	785,5	44
NKV 15/5 T	60144715	3 x 400 V ~	4,0	5,5	8,05	IE2		68,0	66,7	66	65,2	63,8	61,3	58,1	54,1	49,5	43,5	36,5	DN 50	DN 50	835	69,75
NKV 15/5 T	60180188	3 x 400 V ~	4,0	5,5	8,05	IE3		68,0	66,7	66	65,2	63,8	61,3	58,1	54,1	49,5	43,5	36,5	DN 50	DN 50	835	46
NKV 15/6 T	60144716	3 x 400 V ~	5,5	7,5	10,4	IE2		81,6	80,1	79	78,2	76,5	73,6	69,7	64,9	59,4	52,2	43,8	DN 50	DN 50	954,5	114,4
NKV 15/6 T	60180189	3 x 400 V ~	5,5	7,5	10,4	IE3		81,6	80,1	79	78,2	76,5	73,6	69,7	64,9	59,4	52,2	43,8	DN 50	DN 50	954,5	83
NKV 15/7 T	60144717	3 x 400 V ~	5,5	7,5	10,4	IE2		95,2	93,4	92	91,2	89,3	85,8	81,3	75,8	69,3	60,9	51,1	DN 50	DN 50	1004	124
NKV 15/7 T	60180190	3 x 400 V ~	5,5	7,5	10,4	IE3		95,2	93,4	92	91,2	89,3	85,8	81,3	75,8	69,3	60,9	51,1	DN 50	DN 50	1004	93
NKV 15/8 T	60144718	3 x 400 V ~	7,5	10	14,8	IE2	H (m)	108,8	106,8	106	104,3	102,0	98,1	92,9	86,6	79,2	69,6	58,4	DN 50	DN 50	1040,80	112,83
NKV 15/8 T	60167509	3 x 400 V ~	7,5	10	13,4	IE3		108,8	106,8	106	104,3	102,0	98,1	92,9	86,6	79,2	69,6	58,4	DN 50	DN 50	1063,5	106
NKV 15/9 T	60144719	3 x 400 V ~	7,5	10	14,8	IE2		122,4	120,1	119	117,3	114,8	110,3	104,5	97,4	89,1	78,4	65,7	DN 50	DN 50	1073,80	114,07
NKV 15/9 T	60167510	3 x 400 V ~	7,5	10	13,4	IE3		122,4	120,1	119	117,3	114,8	110,3	104,5	97,4	89,1	78,4	65,7	DN 50	DN 50	1113	103
NKV 15/10 T	60144720	3 x 400 V ~	11	15	22,4	IE2		136,0	133,5	132	130,4	127,5	122,6	116,1	108,2	99,0	87,1	73,0	DN 50	DN 50	1251,00	170,30
NKV 15/10 T	60167511	3 x 400 V ~	11	15	19,4	IE3		136,0	133,5	132	130,4	127,5	122,6	116,1	108,2	99,0	87,1	73,0	DN 50	DN 50	1297,5	194
NKV 15/12 T	60144721	3 x 400 V ~	11	15	22,4	IE2		163,2	160,2	158	156,4	153,0	147,1	139,3	129,9	118,8	104,5	87,6	DN 50	DN 50	1317,00	172,77
NKV 15/12 T	60167512	3 x 400 V ~	11	15	19,4	IE3		163,2	160,2	158	156,4	153,0	147,1	139,3	129,9	118,8	104,5	87,6	DN 50	DN 50	1396,5	185
NKV 15/14 T	60144722	3 x 400 V ~	11	15	22,4	IE2		190,4	186,9	185	182,5	178,5	171,6	162,6	151,5	138,6	121,9	102,2	DN 50	DN 50	1383,00	175,31
NKV 15/14 T	60167513	3 x 400 V ~	11	15	19,4	IE3		190,4	186,9	185	182,5	178,5	171,6	162,6	151,5	138,6	121,9	102,2	DN 50	DN 50	1495,5	195
NKV 15/16 T	60144723	3 x 400 V ~	15	20	29,5	IE2		217,6	213,6	211	208,6	204,0	196,1	185,8	173,2	158,4	139,3	116,8	DN 50	DN 50	1449,00	185,78
NKV 15/16 T	60167514	3 x 400 V ~	15	20	26,5	IE3		217,6	213,6	211	208,6	204,0	196,1	185,8	173,2	158,4	139,3	116,8	DN 50	DN 50	1594,5	162
NKV 15/17 T	60144724	3 x 400 V ~	15	20	29,5	IE2		231,2	226,9	225	221,6	216,75	208,4	197,4	184	168,3	148	124,1	DN 50	DN 50	1762,50	187,02
NKV 15/17 T	60167515	3 x 400 V ~	15	20	26,5	IE3		231,2	226,9	225	221,6	216,75	208,4	197,4	184	168,3	148	124,1	DN 50	DN 50	1644	193

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

NKV 10 / NKV 15 / NKV 20

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

NKV 20

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA													DNA	DNM	H mm	Weight Kg
		VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOTOR TYPE	Q=m³h	0	4	8	10	12	14	16	18	20	22	24	26	29				
							Q=l/min	0	66	132	167	200	233	264	300	334	367	400	433	483				
NKV 20/2 T	60144725	3 x 230 - 400 V ~	2,20	3	8,23/4,75	IE2		29,3	28,8	28,8	28,6	28	27,6	26,9	25,9	24,6	22,9	21,2	19,1	15,8	DN 50	DN 50	631,5	65,75
NKV 20/2 T	60180191	3 x 230 - 400 V ~	2,20	3	8,23/4,75	IE3		29,3	28,8	28,8	28,6	28	27,6	26,9	25,9	24,6	22,9	21,2	19,1	15,8	DN 50	DN 50	631,5	56
NKV 20/3 T	60144726	3 x 400 V ~	4,0	5,5	8,05	IE2		43,9	43,2	43,1	42,9	42	41,5	40,4	38,8	36,9	34,4	31,8	28,7	23,6	DN 50	DN 50	736	69,3
NKV 20/3 T	60180192	3 x 400 V ~	4,0	5,5	8,05	IE3		43,9	43,2	43,1	42,9	42	41,5	40,4	38,8	36,9	34,4	31,8	28,7	23,6	DN 50	DN 50	736	45
NKV 20/4 T	60144727	3 x 400 V ~	5,5	7,5	10,4	IE2		58,6	57,6	57,5	57,2	56	55,3	53,8	51,8	49,2	45,9	42,4	38,2	31,5	DN 50	DN 50	855,5	115,22
NKV 20/4 T	60180193	3 x 400 V ~	5,5	7,5	10,4	IE3		58,6	57,6	57,5	57,2	56	55,3	53,8	51,8	49,2	45,9	42,4	38,2	31,5	DN 50	DN 50	855,5	80
NKV 20/5 T	60144728	3 x 400 V ~	5,5	7,5	10,4	IE2		73,2	71,9	71,9	71,5	71	69,1	67,3	64,7	61,5	57,4	52,9	47,8	39,4	DN 50	DN 50	905	110,7
NKV 20/5 T	60180194	3 x 400 V ~	5,5	7,5	10,4	IE3		73,2	71,9	71,9	71,5	71	69,1	67,3	64,7	61,5	57,4	52,9	47,8	39,4	DN 50	DN 50	905	84
NKV 20/6 T	60144729	3 x 400 V ~	7,5	10	14,8	IE2		87,9	86,3	86,3	85,8	85	82,9	80,7	77,7	73,8	68,8	63,5	57,4	47,3	DN 50	DN 50	974,80	83
NKV 20/6 T	60167516	3 x 400 V ~	7,5	10	13,4	IE3		87,9	86,3	86,3	85,8	85	82,9	80,7	77,7	73,8	68,8	63,5	57,4	47,3	DN 50	DN 50	964,5	95
NKV 20/7 T	60144730	3 x 400 V ~	7,5	10	14,8	IE2		102,5	100,7	100,6	100,1	99	96,8	94,2	90,6	86,1	80,3	74,1	66,9	55,2	DN 50	DN 50	1007,80	84
NKV 20/7 T	60167517	3 x 400 V ~	7,5	10	13,4	IE3		102,5	100,7	100,6	100,1	99	96,8	94,2	90,6	86,1	80,3	74,1	66,9	55,2	DN 50	DN 50	1014	103
NKV 20/8 T	60144731	3 x 400 V ~	11,0	15	22,4	IE2		117,2	115,1	115,0	114,4	113	110,6	107,6	103,6	98,4	91,8	84,7	76,5	63,1	DN 50	DN 50	1185,00	116
NKV 20/8 T	60167518	3 x 400 V ~	11,0	15	19,4	IE3	H (m)	117,2	115,1	115,0	114,4	113	110,6	107,6	103,6	98,4	91,8	84,7	76,5	63,1	DN 50	DN 50	1198,5	191
NKV 20/9 T	60144732	3 x 400 V ~	11,0	15	22,4	IE2		131,8	129,5	129,4	128,8	127	124,4	121,1	116,5	110,8	103,2	95,3	86,0	70,9	DN 50	DN 50	1218,00	117
NKV 20/9 T	60167519	3 x 400 V ~	11,0	15	19,4	IE3		131,8	129,5	129,4	128,8	127	124,4	121,1	116,5	110,8	103,2	95,3	86,0	70,9	DN 50	DN 50	1248	137
NKV 20/10 T	60144733	3 x 400 V ~	11,0	15	22,4	IE2		146,5	143,9	143,8	143,1	141	138,2	134,5	129,5	123,1	114,7	105,9	95,6	78,8	DN 50	DN 50	1251,00	128
NKV 20/10 T	60167520	3 x 400 V ~	11,0	15	19,4	IE3		146,5	143,9	143,8	143,1	141	138,2	134,5	129,5	123,1	114,7	105,9	95,6	78,8	DN 50	DN 50	1297,5	177
NKV 20/12 T	60144734	3 x 400 V ~	15,0	20	29,5	IE2		175,8	172,7	172,5	171,7	169	165,9	161,4	155,4	147,7	137,6	127,1	114,7	94,6	DN 50	DN 50	1317,00	141
NKV 20/12 T	60167521	3 x 400 V ~	15,0	20	26,5	IE3		175,8	172,7	172,5	171,7	169	165,9	161,4	155,4	147,7	137,6	127,1	114,7	94,6	DN 50	DN 50	1396,5	187
NKV 20/14 T	60144735	3 x 400 V ~	15,00	20	29,5	IE2		205,1	201,4	201,3	200,3	198	193,5	188,3	181,3	172,3	160,6	148,2	133,8	110,4	DN 50	DN 50	1383,00	143
NKV 20/14 T	60167522	3 x 400 V ~	15,00	20	26,5	IE3		205,1	201,4	201,3	200,3	198	193,5	188,3	181,3	172,3	160,6	148,2	133,8	110,4	DN 50	DN 50	1495,5	194
NKV 20/16 T	60144736	3 x 400 V ~	18,5	25	35,5	IE2		234,4	230,2	230,0	228,9	226	221,2	215,2	207,2	196,9	183,5	169,4	152,9	126,1	DN 50	DN 50	1504,00	161
NKV 20/16 T	60167523	3 x 400 V ~	18,5	25	32	IE3		234,4	230,2	230,0	228,9	226	221,2	215,2	207,2	196,9	183,5	169,4	152,9	126,1	DN 50	DN 50	1638,5	185
NKV 20/17 T	60144737	3 x 400 V ~	18,5	25	35,5	IE2		249	244,6	244,4	243,2	240	235	228,7	220,1	209,2	195	180	162,5	134	DN 50	DN 50	1817,50	162
NKV 20/17 T	60167524	3 x 400 V ~	18,5	25	32	IE3		249	244,6	244,4	243,2	240	235	228,7	220,1	209,2	195	180	162,5	134	DN 50	DN 50	1688	220

NKV 10 / NKV 15 / NKV 20

MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

ONLY HYDRAULIC PART

MODEL	CODE
NKV 10/2	60116867
NKV 10/3	60116868
NKV 10/4	60116869
NKV 10/5	60116870
NKV 10/6	60116871
NKV 10/7	60116872
NKV 10/8	60116873
NKV 10/9	60116874
NKV 10/10	60116875
NKV 10/12	60116876
NKV 10/14	60116877
NKV 10/16	60116878
NKV 10/18	60116879
NKV 10/20	60116880
NKV 10/22	60116881

MODEL	CODE
NKV 15/2	60116884
NKV 15/3	60116885
NKV 15/4	60116886
NKV 15/5	60116887
NKV 15/6	60116888
NKV 15/7	60116896
NKV 15/8	60116889
NKV 15/9	60116890
NKV 15/10	60116891
NKV 15/12	60116892
NKV 15/14	60116893
NKV 15/16	60116894
NKV 15/17	60116895

MODEL	CODE
NKV 20/2	60116898
NKV 20/3	60116899
NKV 20/4	60116900
NKV 20/5	60116901
NKV 20/6	60116902
NKV 20/7	60116903
NKV 20/8	60116904
NKV 20/9	60116905
NKV 20/10	60116906
NKV 20/12	60116907
NKV 20/14	60116910
NKV 20/16	60116908
NKV 20/17	60116909

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

NKV 32-45-65-95

MULTI-STAGE VERTICAL CENTRIFUGAL ELECTRIC PUMPS WITH COUPLING

CE

SYSTEMS OF CIVIL AND INDUSTRIAL PRESSURIZATION, PRESSURE GROUPS

Vertical multistage centrifugal pump suitable for water systems of medium and large utilities. Suitable for pressure groups, boiler energy supply and circulation of hot water, conveying condensate and cooling water, fire fighting and washing, drinking water supply and autoclave systems, sprinkling and rain irrigation systems. Pump body and flange made of cast iron categorized, impellers, diffusers, diffuser bodies and pump casing in stainless steel AISI 304. Pump housing and lantern exterior made of cast iron treated with electrophoresis. Standardized mechanical seal Silicon Carbide / Carbon / EPDM. Motor-pump by means of a rigid coupling.

Degree of protection: IP 55.
Insulation class: F.
Standard voltage: Three-phase 400 V / 50 Hz
Operating range: 17 to 70 m3 / h with head up to 320 meters.
Pumped liquid: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallized and chemically neutral, close to water characteristics.
Liquid temperature range: from -15 ° C to +120 ° C.
Maximum ambient temperature: +40 ° C.
Maximum operating pressure: 32 bar (3200kPa).
Installation: fixed in an upright position.
Special versions on request: other voltages and 60 Hz version.
On demand version completly in stainless steel, for more information please contact our sales network.

ACCESSORIES PAG. 203

NKV 32

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA									DNA	DNM	H mm	Weight Kg
		VOLTAGE 50 Hz	P2 NOMINAL		In A	MOTOR TYPE	Q=m³h	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	60162751	3 x 400 V Δ	4	5,5	8,1	IE2		36	33,5	32,5	30,5	29,5	26,5	22,5	18	12,5	DN 65	DN 65	947	93
NKV 32/2-2 T	60180195	3 x 400 V Δ	4	5,5	8,1	IE3		36	33,5	32,5	30,5	29,5	26,5	22,5	18	12,5	DN 65	DN 65	947	62
NKV 32/2 T	60162752	3 x 400 V Δ	5,5	7,5	10,4	IE2		48,5	43,5	42,5	41	39,5	36,5	33,5	29	23,5	DN 65	DN 65	1114	140
NKV 32/2 T	60180196	3 x 400 V Δ	5,5	7,5	10,4	IE3		48,5	43,5	42,5	41	39,5	36,5	33,5	29	23,5	DN 65	DN 65	1114	109
NKV 32/3-2 T	60162753	3 x 400 V Δ	5,5	7,5	10,4	IE2		60	54,5	53	50,5	48	44	38	31,5	23,5	DN 65	DN 65	1196	144
NKV 32/3-2 T	60180197	3 x 400 V Δ	5,5	7,5	10,4	IE3		60	54,5	53	50,5	48	44	38	31,5	23,5	DN 65	DN 65	1196	113
NKV 32/3 T	60162754	3 x 400 V Δ	7,5	10	14,0	IE2		73	65	63,5	61	59	55	50	43,5	35,5	DN 65	DN 65	1196	151
NKV 32/3 T	60167525	3 x 400 V Δ	7,5	10	13,4	IE3		73	65	63,5	61	59	55	50	43,5	35,5	DN 65	DN 65	1243	125
NKV 32/4-2 T	60162755	3 x 400 V Δ	7,5	10	14,0	IE2		84,5	76,5	74	70,5	68	62	55	46	35	DN 65	DN 65	1298	158
NKV 32/4-2 T	60167526	3 x 400 V Δ	7,5	10	13,4	IE3		84,5	76,5	74	70,5	68	62	55	46	35	DN 65	DN 65	1325	132
NKV 32/4 T	60162756	3 x 400 V Δ	11	15	20,2	IE2		98	88	86	83	80,5	75	69	60	49,5	DN 65	DN 65	1413	206
NKV 32/4 T	60167527	3 x 400 V Δ	11	15	19,4	IE3	H (m)	98	88	86	83	80,5	75	69	60	49,5	DN 65	DN 65	1345	203
NKV 32/5-2 T	60162757	3 x 400 V Δ	11	15	20,2	IE2		109,5	99,5	97	93	89,5	83	74	63	49,5	DN 65	DN 65	1495	210
NKV 32/5-2 T	60167528	3 x 400 V Δ	11	15	19,4	IE3		109,5	99,5	97	93	89,5	83	74	63	49,5	DN 65	DN 65	1427	207
NKV 32/5 T	60162758	3 x 400 V Δ	15	20	27,0	IE2		122,5	109,5	107	103,5	100	93,5	85,5	75	61,5	DN 65	DN 65	1495	224
NKV 32/5 T	60167529	3 x 400 V Δ	15	20	26,5	IE3		122,5	109,5	107	103,5	100	93,5	85,5	75	61,5	DN 65	DN 65	1495	214
NKV 32/6-2 T	60162759	3 x 400 V Δ	15	20	27,0	IE2		134	121,5	118,5	113,5	109,5	101,5	91	78	61,5	DN 65	DN 65	1577	228
NKV 32/6-2 T	60167530	3 x 400 V Δ	15	20	26,5	IE3		134	121,5	118,5	113,5	109,5	101,5	91	78	61,5	DN 65	DN 65	1577	218
NKV 32/6 T	60162760	3 x 400 V Δ	15	20	27,0	IE2		146,5	131	128	123,5	119,5	111,5	102	89	73	DN 65	DN 65	1577	228
NKV 32/6 T	60167531	3 x 400 V Δ	15	20	26,5	IE3		146,5	131	128	123,5	119,5	111,5	102	89	73	DN 65	DN 65	1577	218
NKV 32/7-2 T	60162761	3 x 400 V Δ	15	20	27,0	IE2		158	142,5	139	133,5	128,5	119	107	91,5	72,5	DN 65	DN 65	1659	232
NKV 32/7-2 T	60167532	3 x 400 V Δ	15	20	26,5	IE3		158	142,5	139	133,5	128,5	119	107	91,5	72,5	DN 65	DN 65	1659	222

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

NKV 32-45-65-95

MULTI-STAGE VERTICAL CENTRIFUGAL ELECTRIC PUMPS WITH COUPLING

NKV 32

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA										DNA	DNM	H mm	Weight Kg
		VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOTOR TYPE	Q=m³h	0	15	18	22	25	30	35	40	45				
							Q=l/min	0	250	300	367	417	500	583	667	750				
NKV 32/7 T	60162762	3 x 400 V Δ	18,5	25	33,0	IE2		171	152,5	149	144	139,5	130	119	103,5	85	DN 65	DN 65	1714	253
NKV 32/7 T	60167533	3 x 400 V Δ	18,5	25	32	IE3		171	152,5	149	144	139,5	130	119	103,5	85	DN 65	DN 65	1703	243
NKV 32/8-2 T	60162763	3 x 400 V Δ	18,5	25	33,0	IE2		182,5	164,5	160	154	148,5	137,5	124	106	84,5	DN 65	DN 65	1796	257
NKV 32/8-2 T	60167534	3 x 400 V Δ	18,5	25	32	IE3		182,5	164,5	160	154	148,5	137,5	124	106	84,5	DN 65	DN 65	1785	247
NKV 32/8 T	60162764	3 x 400 V Δ	18,5	25	33,0	IE2		194,5	174	169,5	164	158,5	147,5	134,5	117	95,5	DN 65	DN 65	1796	257
NKV 32/8 T	60167535	3 x 400 V Δ	18,5	25	32	IE3		194,5	174	169,5	164	158,5	147,5	134,5	117	95,5	DN 65	DN 65	1785	247
NKV 32/9-2 T	60162765	3 x 400 V Δ	22	30	39,5	IE2		208,5	188,5	184	177	171	159	144	124,5	100,5	DN 65	DN 65	1898	291
NKV 32/9-2 T	60167536	3 x 400 V Δ	22	30	38	IE3		208,5	188,5	184	177	171	159	144	124,5	100,5	DN 65	DN 65	1898	283
NKV 32/9 T	60162766	3 x 400 V Δ	22	30	39,5	IE2		221	198	194	187,5	181,5	169,5	155,5	136	112	DN 65	DN 65	1898	291
NKV 32/9 T	60167537	3 x 400 V Δ	22	30	38	IE3		221	198	194	187,5	181,5	169,5	155,5	136	112	DN 65	DN 65	1898	283
NKV 32/10-2 T	60162767	3 x 400 V Δ	22	30	39,5	IE2		233	210	205	197,5	191	177,5	161	139	112	DN 65	DN 65	1985	298
NKV 32/10-2 T	60167538	3 x 400 V Δ	22	30	38	IE3		233	210	205	197,5	191	177,5	161	139	112	DN 65	DN 65	1980	290
NKV 32/10 T	60162768	3 x 400 V Δ	30	40	52,0	IE2	H (m)	246,5	221,5	217	210	203,5	190,5	175	153,5	126,5	DN 65	DN 65	2065	357
NKV 32/10 T	60167539	3 x 400 V Δ	30	40	52	IE3		246,5	221,5	217	210	203,5	190,5	175	153,5	126,5	DN 65	DN 65	2075	363
NKV 32/11-2 T	60162769	3 x 400 V Δ	30	40	52,0	IE2		258	233,5	228,5	220,5	213	198,5	180,5	156,5	127	DN 65	DN 65	2147	361
NKV 32/11-2 T	60167540	3 x 400 V Δ	30	40	52	IE3		258	233,5	228,5	220,5	213	198,5	180,5	156,5	127	DN 65	DN 65	2157	367
NKV 32/11 T	60162770	3 x 400 V Δ	30	40	52,0	IE2		271	243,5	238	230,5	223,5	209	192	168	138,5	DN 65	DN 65	2147	361
NKV 32/11 T	60167541	3 x 400 V Δ	30	40	52	IE3		271	243,5	238	230,5	223,5	209	192	168	138,5	DN 65	DN 65	2157	367
NKV 32/12-2 T	60162771	3 x 400 V Δ	30	40	52,0	IE2		282,5	255,5	249,5	241	233	217	197,5	171	139	DN 65	DN 65	2229	365
NKV 32/12-2 T	60167542	3 x 400 V Δ	30	40	52	IE3		282,5	255,5	249,5	241	233	217	197,5	171	139	DN 65	DN 65	2239	371
NKV 32/12 T	60162772	3 x 400 V Δ	30	40	52,0	IE2		295	265,5	259,5	251	243	227,5	208,5	182,5	150,5	DN 65	DN 65	2229	365
NKV 32/12 T	60167543	3 x 400 V Δ	30	40	52	IE3		295	265,5	259,5	251	243	227,5	208,5	182,5	150,5	DN 65	DN 65	2239	371
NKV 32/13-2 T	60162773	3 x 400 V Δ	30	40	52,0	IE2		307	277,5	271	261,5	252,5	235,5	214	185,5	151	DN 65	DN 65	2311	369
NKV 32/13-2 T	60167544	3 x 400 V Δ	30	40	52	IE3		307	277,5	271	261,5	252,5	235,5	214	185,5	151	DN 65	DN 65	2321	375
NKV 32/13 T	60162774	3 x 400 V Δ	30	40	52,0	IE2		319,5	287	280,5	271,5	263	246	225,5	197	162,5	DN 65	DN 65	2311	369
NKV 32/13 T	60167545	3 x 400 V Δ	30	40	52	IE3		319,5	287	280,5	271,5	263	246	225,5	197	162,5	DN 65	DN 65	2321	375

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

NKV 32-45-65-95

MULTI-STAGE VERTICAL CENTRIFUGAL ELECTRIC PUMPS WITH COUPLING

NKV 45

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA													DNA	DNM	H mm	Weight Kg
		VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	In A	MOTOR TYPE	Q=m³h	0	15	18	22	25	30	35	40	45	54	60	65	70				
							Q=l/min	0	250	300	367	417	500	583	667	750	900	1000	1083	1166				
NKV 45/2-2 T	60162775	3 x 400 V Δ	5,5	7,5	10,4	IE2		38,5	37,5	37	36,5	35,5	34,5	33	31	28,5	23	18,5	14,5	10	DN 80	DN 80	1149	146
NKV 45/2-2 T	60180198	3 x 400 V Δ	5,5	7,5	10,4	IE3		38,5	37,5	37	36,5	35,5	34,5	33	31	28,5	23	18,5	14,5	10	DN 80	DN 80	1149	115
NKV 45/2 T	60162776	3 x 400 V Δ	7,5	10	14,0	IE2		48,5	47,5	47	46	45,5	44	43	41,5	39	34	30,5	26,5	23	DN 80	DN 80	1149	153
NKV 45/2 T	60167546	3 x 400 V Δ	7,5	10	13,4	IE3		48,5	47,5	47	46	45,5	44	43	41,5	39	34	30,5	26,5	23	DN 80	DN 80	1196	127
NKV 45/3-2 T	60162777	3 x 400 V Δ	11	15	20,2	IE2		63	62	61,5	60,5	59,5	58	56	53,5	50	42	36	30	24	DN 80	DN 80	1366	208
NKV 45/3-2 T	60167547	3 x 400 V Δ	11	15	19,4	IE3		63	62	61,5	60,5	59,5	58	56	53,5	50	42	36	30	24	DN 80	DN 80	1298	205
NKV 45/3 T	60162778	3 x 400 V Δ	11	15	20,2	IE2		73,5	72	71	70	69	67	65,5	63	60	52,5	47	41	34	DN 80	DN 80	1366	208
NKV 45/3 T	60167548	3 x 400 V Δ	11	15	19,4	IE3		73,5	72	71	70	69	67	65,5	63	60	52,5	47	41	34	DN 80	DN 80	1298	205
NKV 45/4-2 T	60162779	3 x 400 V Δ	15	20	27,0	IE2		87,5	86	85	83,5	82	80	77,5	74	69,5	59,5	51	43	34	DN 80	DN 80	1448	226
NKV 45/4-2 T	60167549	3 x 400 V Δ	15	20	26,5	IE3		87,5	86	85	83,5	82	80	77,5	74	69,5	59,5	51	43	34	DN 80	DN 80	1448	216
NKV 45/4 T	60162780	3 x 400 V Δ	15	20	27,0	IE2		97,5	96	94,5	93	91,5	89	86,5	84	79,5	69,5	62	54,5	45	DN 80	DN 80	1448	226
NKV 45/4 T	60167550	3 x 400 V Δ	15	20	26,5	IE3		97,5	96	94,5	93	91,5	89	86,5	84	79,5	69,5	62	54,5	45	DN 80	DN 80	1448	216
NKV 45/5-2 T	60162781	3 x 400 V Δ	18,5	25	33,0	IE2		112	109,5	108,5	106,5	105	102	99	94,5	89	76,5	66	56	45	DN 80	DN 80	1585	251
NKV 45/5-2 T	60167551	3 x 400 V Δ	18,5	25	32	IE3		112	109,5	108,5	106,5	105	102	99	94,5	89	76,5	66	56	45	DN 80	DN 80	1574	241
NKV 45/5 T	60162782	3 x 400 V Δ	18,5	25	33,0	IE2		122	119,5	118	115,5	114	111	108	104,5	99	86,5	77	67,5	56	DN 80	DN 80	1585	251
NKV 45/5 T	60167552	3 x 400 V Δ	18,5	25	32	IE3		122	119,5	118	115,5	114	111	108	104,5	99	86,5	77	67,5	56	DN 80	DN 80	1574	241
NKV 45/6-2 T	60162783	3 x 400 V Δ	22	30	39,5	IE2		137,5	135	133,5	131	129	126	122	117,5	110,5	95,5	83,5	72	58	DN 80	DN 80	1687	284
NKV 45/6-2 T	60167553	3 x 400 V Δ	22	30	38	IE3		137,5	135	133,5	131	129	126	122	117,5	110,5	95,5	83,5	72	58	DN 80	DN 80	1687	276
NKV 45/6 T	60162784	3 x 400 V Δ	22	30	39,5	IE2		147,5	145	143,5	140,5	138,5	135	131,5	127	121	106	95	83,5	71	DN 80	DN 80	1687	284
NKV 45/6 T	60167554	3 x 400 V Δ	22	30	38	IE3		147,5	145	143,5	140,5	138,5	135	131,5	127	121	106	95	83,5	71	DN 80	DN 80	1687	276
NKV 45/7-2 T	60162785	3 x 400 V Δ	37	50	64,0	IE2		162,5	160	158	155,5	153	149,5	145	139,5	132	115	101	87,5	73	DN 80	DN 80	1854	350
NKV 45/7-2 T	60167555	3 x 400 V Δ	30	40	52	IE3		162,5	160	158	155,5	153	149,5	145	139,5	132	115	101	87,5	73	DN 80	DN 80	1864	356
NKV 45/7 T	60162786	3 x 400 V Δ	30	40	52,0	IE2		172,5	170	168	165	162,5	158,5	154,5	149,5	142,5	125,5	112	99	83	DN 80	DN 80	1854	350
NKV 45/7 T	60167556	3 x 400 V Δ	30	40	52	IE3	H (m)	172,5	170	168	165	162,5	158,5	154,5	149,5	142,5	125,5	112	99	83	DN 80	DN 80	1864	356
NKV 45/8-2 T	60162787	3 x 400 V Δ	30	40	52,0	IE2		187	184	182	178,5	176	171,5	167	160,5	152	132	116,5	101	83	DN 80	DN 80	1936	354
NKV 45/8-2 T	60167557	3 x 400 V Δ	30	40	52	IE3		187	184	182	178,5	176	171,5	167	160,5	152	132	116,5	101	83	DN 80	DN 80	1946	360
NKV 45/8 T	60162788	3 x 400 V Δ	30	40	52,0	IE2		197	194	191,5	188	185,5	181	176,5	170,5	162,5	142,5	127,5	112,5	94	DN 80	DN 80	1936	354
NKV 45/8 T	60167558	3 x 400 V Δ	30	40	52	IE3		197	194	191,5	188	185,5	181	176,5	170,5	162,5	142,5	127,5	112,5	94	DN 80	DN 80	1946	360
NKV 45/9-2 T	60162789	3 x 400 V Δ	37	50	64,0	IE2		211,5	208	205,5	202	199	194	188,5	181,5	172	149,5	132	114,5	94	DN 80	DN 80	2018	375
NKV 45/9-2 T	60167559	3 x 400 V Δ	37	50	63	IE3		211,5	208	205,5	202	199	194	188,5	181,5	172	149,5	132	114,5	94	DN 80	DN 80	2028	384
NKV 45/9 T	60162790	3 x 400 V Δ	37	50	64,0	IE2		221,5	218	215,5	211,5	208	203	198	191,5	182	160	143	126	106	DN 80	DN 80	2018	375
NKV 45/9 T	60167560	3 x 400 V Δ	37	50	63	IE3		221,5	218	215,5	211,5	208	203	198	191,5	182	160	143	126	106	DN 80	DN 80	2028	384
NKV 45/10-2 T	60162791	3 x 400 V Δ	37	50	64,0	IE2		235,5	231,5	229	225	221,5	216	210	202	191,5	166,5	147	127,5	106	DN 80	DN 80	2100	379
NKV 45/10-2 T	60167561	3 x 400 V Δ	37	50	63	IE3		235,5	231,5	229	225	221,5	216	210	202	191,5	166,5	147	127,5	106	DN 80	DN 80	2110	388
NKV 45/10 T	60162792	3 x 400 V Δ	37	50	64,0	IE2		246	242	239	234	230,5	225	219	212	201,5	177	158	139	117	DN 80	DN 80	2100	379
NKV 45/10 T	60167562	3 x 400 V Δ	37	50	63	IE3		246	242	239	234	230,5	225	219	212	201,5	177	158	139	117	DN 80	DN 80	2110	388
NKV 45/11-2 T	60162793	3 x 400 V Δ	37	50	64,0	IE2		261	256,5	254	249	245,5	239,5	233	224,5	213	186	164,5	143,5	119	DN 80	DN 80	2227	441
NKV 45/11-2 T	60167563	3 x 400 V Δ	45	60	76	IE3		261	256,5	254	249	245,5	239,5	233	224,5	213	186	164,5	143,5	119	DN 80	DN 80	2232	449
NKV 45/11 T	60162794	3 x 400 V Δ	45	60	78,5	IE2		271	267	263,5	258,5	255	249	242,5	234,5	223,5	196,5	175,5	155	130	DN 80	DN 80	2227	441
NKV 45/11 T	60167564	3 x 400 V Δ	45	60	76	IE3		271	267	263,5	258,5	255	249	242,5	234,5	223,5	196,5	175,5	155	130	DN 80	DN 80	2232	449
NKV 45/12-2 T	60162795	3 x 400 V Δ	45	60	78,5	IE2		285,5	280,5	277,5	272,5	268,5	261,5	254,5	245,5	232,5	203	179,5	156,5	130	DN 80	DN 80	2309	445
NKV 45/12-2 T	60167565	3 x 400 V Δ	45	60	76	IE3		285,5	280,5	277,5	272,5	268,5	261,5	254,5	245,5	232,5	203	179,5	156,5	130	DN 80	DN 80	2314	453
NKV 45/12 T	60162796	3 x 400 V Δ	45	60	78,5	IE2		295,5	290,5	287,5	282	277,5	271	264	255,5	243	213,5	191	168,5	142	DN 80	DN 80	2309	445
NKV 45/12 T	60167566	3 x 400 V Δ	45	60	76	IE3		295,5	290,5	287,5	282	277,5	271	264	255,5	243	213,5	191	168,5	142	DN 80	DN 80	2314	453
NKV 45/13-2 T	60162797	3 x 400 V Δ	45	60	78,5	IE2		309,5	304,5	301	295,5	291	284	276	266	252,5	220,5	195	170	142	DN 80	DN 80	2391	449
NKV 45/13-2 T	60167567	3 x 400 V Δ	45	60	76	IE3		309,5	304,5	301	295,5	291	284	276	266	252,5	220,5	195	170	142	DN 80	DN 80	2396	457

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

NKV 32-45-65-95

MULTI-STAGE VERTICAL CENTRIFUGAL ELECTRIC PUMPS WITH COUPLING

NKV 65

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA										DNA	DNM	H mm	Weight Kg
		VOLTAGE 50 Hz	P2 NOMINAL		In A	MOTOR TYPE	Q=m³/h	0	30	36	42	45	54	60	72	78	85				
			kW	HP			Q=l/min	0	500	600	700	750	900	1000	1200	1300	1417				
NKV 65/2-2 T	60168447	3 x 400 V Δ	7,5	10	14	IE2		39	37,5	36,5	35,5	35	33	31	25	22	17,5	DN 100	DN 100	1219,2	108
NKV 65/2-2 T	60168471	3 x 400 V Δ	7,5	10	13,4	IE3		39	37,5	36,5	35,5	35	33	31	25	22	17,5	DN 100	DN 100	1266,2	84
NKV 65/2 T	60168448	3 x 400 V Δ	11	15	20,2	IE2		56,5	51	49,5	48,5	48	46	45	41	38,5	34,5	DN 100	DN 100	1354,2	178
NKV 65/2 T	60168472	3 x 400 V Δ	11	15	19,4	IE3		56,5	51	49,5	48,5	48	46	45	41	38,5	34,5	DN 100	DN 100	1354,2	155
NKV 65/3-2 T	60168449	3 x 400 V Δ	15	20	27	IE2		67,5	63,5	62	60,5	59,5	56,5	54	46,5	42	35,5	DN 100	DN 100	1446,3	198
NKV 65/3-2 T	60168473	3 x 400 V Δ	15	20	26,5	IE3		67,5	63,5	62	60,5	59,5	56,5	54	46,5	42	35,5	DN 100	DN 100	1446,3	171
NKV 65/3 T	60168450	3 x 400 V Δ	18,5	25	33	IE2		84,5	76	74	72,5	71,5	69	67	61,5	57,5	51,5	DN 100	DN 100	1501,3	243,9
NKV 65/3 T	60168474	3 x 400 V Δ	18,5	25	32	IE3		84,5	76	74	72,5	71,5	69	67	61,5	57,5	51,5	DN 100	DN 100	1490,3	213
NKV 65/4-2 T	60168451	3 x 400 V Δ	18,5	25	33	IE2		95,5	88,5	86	84	83	79	75,5	66	60,5	52	DN 100	DN 100	1593,4	243,9
NKV 65/4-2 T	60168475	3 x 400 V Δ	18,5	25	32	IE3		95,5	88,5	86	84	83	79	75,5	66	60,5	52	DN 100	DN 100	1582,4	213
NKV 65/4 T	60168452	3 x 400 V Δ	22	30	39,5	IE2		113,5	102,5	100	97,5	96,5	92,5	90,5	83	78	70	DN 100	DN 100	1613,4	293,7
NKV 65/4 T	60168476	3 x 400 V Δ	22	30	38	IE3		113,5	102,5	100	97,5	96,5	92,5	90,5	83	78	70	DN 100	DN 100	1613,4	255
NKV 65/5-2 T	60168453	3 x 400 V Δ	30	40	52	IE2		125	116	113	110,5	109	104,5	101	90	83	72,5	DN 100	DN 100	1790,5	472
NKV 65/5-2 T	60168477	3 x 400 V Δ	30	40	52	IE3		125	116	113	110,5	109	104,5	101	90	83	72,5	DN 100	DN 100	1800,5	471
NKV 65/5 T	60168454	3 x 400 V Δ	30	40	52	IE2	H (m)	142	129	125,5	122,5	121	116,5	114	105	98,5	88,5	DN 100	DN 100	1790,5	472
NKV 65/5 T	60168478	3 x 400 V Δ	30	40	52	IE3		142	129	125,5	122,5	121	116,5	114	105	98,5	88,5	DN 100	DN 100	1800,5	471
NKV 65/6-2 T	60168455	3 x 400 V Δ	30	40	52	IE2		153	141,5	137,5	134,5	133	127,5	123	110	102	89,5	DN 100	DN 100	1790,5	472
NKV 65/6-2 T	60168479	3 x 400 V Δ	30	40	52	IE3		153	141,5	137,5	134,5	133	127,5	123	110	102	89,5	DN 100	DN 100	1892,6	471
NKV 65/6 T	60168456	3 x 400 V Δ	37	50	64	IE2		170	154	150	147	145	139,5	136	125	117,5	105,5	DN 100	DN 100	1882,6	503
NKV 65/6 T	60168480	3 x 400 V Δ	37	50	63	IE3		170	154	150	147	145	139,5	136	125	117,5	105,5	DN 100	DN 100	1892,6	517
NKV 65/7-2 T	60168457	3 x 400 V Δ	37	50	64	IE2		181,5	166,5	162,5	158,5	156,5	150	145	130,5	120,5	106,5	DN 100	DN 100	1882,6	503
NKV 65/7-2 T	60168481	3 x 400 V Δ	37	50	63	IE3		181,5	166,5	162,5	158,5	156,5	150	145	130,5	120,5	106,5	DN 100	DN 100	1984,7	517
NKV 65/7 T	60168458	3 x 400 V Δ	45	60	78,5	IE2		199	180,5	175,5	172	169,5	163,5	159,5	147	138	124	DN 100	DN 100	2019,7	624
NKV 65/7 T	60168482	3 x 400 V Δ	45	60	76	IE3		199	180,5	175,5	172	169,5	163,5	159,5	147	138	124	DN 100	DN 100	2024,7	653
NKV 65/8-2 T	60168459	3 x 400 V Δ	45	60	78,5	IE2		210	193	188	184	181,5	174	168,5	152	141,5	125	DN 100	DN 100	2019,7	624
NKV 65/8-2 T	60168483	3 x 400 V Δ	45	60	76	IE3		210	193	188	184	181,5	174	168,5	152	141,5	125	DN 100	DN 100	2116,8	653
NKV 65/8 T	60168460	3 x 400 V Δ	45	60	78,5	IE2		227	206	200	196	193,5	186	181,5	167	157	141	DN 100	DN 100	2019,7	624
NKV 65/8 T	60168484	3 x 400 V Δ	45	60	76	IE3		227	206	200	196	193,5	186	181,5	167	157	141	DN 100	DN 100	2116,8	653

IE2 ≥ 0,75kW ONLY FOR EXTRA EU MARKETS

NKV 32-45-65-95

MULTI-STAGE VERTICAL CENTRIFUGAL ELECTRIC PUMPS WITH COUPLING

NKV 95

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA										DNA	DNM	H mm	Weight Kg
		VOLTAGE 50 Hz	P2 NOMINAL		In A	MOTOR TYPE	Q=m³/h	0	45	54	60	72	78	85	96	108	118				
			kW	HP			Q=l/min	0	750	900	1000	1200	1300	1417	1600	1800	1967				
NKV 95/2-2 T	60168461	3 x 400 V Δ	11	15	20,2	IE2		44,5	43	42	41	38,5	36,5	34	28,5	21,5	15	DN 100	DN 100	1354,2	209
NKV 95/2-2 T	60168485	3 x 400 V Δ	11	15	19,4	IE3		44,5	43	42	41	38,5	36,5	34	28,5	21,5	15	DN 100	DN 100	1354,2	186
NKV 95/2 T	60168462	3 x 400 V Δ	15	20	27	IE2		62	55,5	53	51,5	49	47,5	45	41	35	28,5	DN 100	DN 100	1354,2	223
NKV 95/2 T	60168486	3 x 400 V Δ	15	20	26,5	IE3		62	55,5	53	51,5	49	47,5	45	41	35	28,5	DN 100	DN 100	1354,2	196
NKV 95/3-2 T	60168463	3 x 400 V Δ	18,5	25	33	IE2		75,5	70,5	68	66,5	62,5	59,5	56	48,5	38,5	28,5	DN 100	DN 100	1501,3	248
NKV 95/3-2 T	60168487	3 x 400 V Δ	18,5	25	32	IE3		75,5	70,5	68	66,5	62,5	59,5	56	48,5	38,5	28,5	DN 100	DN 100	1490,3	217
NKV 95/3 T	60168464	3 x 400 V Δ	22	30	39,5	IE2		93,5	84	80,5	78	74	72	69	62,5	53,5	44	DN 100	DN 100	1521,3	278
NKV 95/3 T	60168488	3 x 400 V Δ	22	30	38	IE3		93,5	84	80,5	78	74	72	69	62,5	53,5	44	DN 100	DN 100	1521,3	238
NKV 95/4-2 T	60168465	3 x 400 V Δ	30	40	52	IE2		108	100	97	94,5	89	85,5	81	71,5	59	46	DN 100	DN 100	1698,4	344
NKV 95/4-2 T	60168489	3 x 400 V Δ	30	40	52	IE3	H (m)	108	100	97	94,5	89	85,5	81	71,5	59	46	DN 100	DN 100	1708,4	343
NKV 95/4 T	60168466	3 x 400 V Δ	30	40	52	IE2		125,5	112,5	108	105	99,5	96,5	92,5	84	72	60	DN 100	DN 100	1698,4	344
NKV 95/4 T	60168490	3 x 400 V Δ	30	40	52	IE3		125,5	112,5	108	105	99,5	96,5	92,5	84	72	60	DN 100	DN 100	1708,4	343
NKV 95/5-2 T	60168467	3 x 400 V Δ	37	50	64	IE2		139	127,5	123,5	120	113,5	109	103,5	92	76	60	DN 100	DN 100	1790,5	365
NKV 95/5-2 T	60168491	3 x 400 V Δ	37	50	63	IE3		139	127,5	123,5	120	113,5	109	103,5	92	76	60	DN 100	DN 100	1800,5	379
NKV 95/5 T	60168468	3 x 400 V Δ	37	50	64	IE2		156	140	134,5	130,5	123,5	120	114,5	104,5	89	74	DN 100	DN 100	1790,5	365
NKV 95/5 T	60168492	3 x 400 V Δ	37	50	63	IE3		156	140	134,5	130,5	123,5	120	114,5	104,5	89	74	DN 100	DN 100	1800,5	379
NKV 95/6-2 T	60168469	3 x 400 V Δ	45	60	78,5	IE2		170,5	156	150,5	146,5	138,5	134	127	113,5	94,5	75,5	DN 100	DN 100	1927,6	426,5
NKV 95/6-2 T	60168493	3 x 400 V Δ	45	60	76	IE3		170,5	156	150,5	146,5	138,5	134	127	113,5	94,5	75,5	DN 100	DN 100	1932,6	455
NKV 95/6 T	60168470	3 x 400 V Δ	45	60	78,5	IE2		188	169	161,5	157	149	144,5	138,5	126	108	89,5	DN 100	DN 100	1927,6	426,5
NKV 95/6 T	60168494	3 x 400 V Δ	45	60	76	IE3		188	169	161,5	157	149	144,5	138,5	126	108	89,5	DN 100	DN 100	1932,6	455

ONLY HYDRAULIC PART

MODEL	CODE
NKV 32/2-2 T	60163336
NKV 32/2 T	60163337
NKV 32/3-2 T	60163338
NKV 32/3 T	60163339
NKV 32/4-2 T	60163340
NKV 32/4 T	60163341
NKV 32/5-2 T	60163342
NKV 32/5 T	60163343
NKV 32/6-2 T	60163344
NKV 32/6 T	60163345
NKV 32/7-2 T	60163346
NKV 32/7 T	60163347
NKV 32/8-2 T	60163348
NKV 32/8 T	60163349
NKV 32/9-2 T	60163351
NKV 32/9 T	60163352
NKV 32/10-2 T	60163353
NKV 32/10 T	60163354
NKV 32/11-2 T	60163355
NKV 32/11 T	60163356
NKV 32/12-2 T	60163357
NKV 32/12 T	60163358
NKV 32/13-2 T	60163359
NKV 32/13 T	60163360

MODEL	CODE
NKV 45/2-2 T	60163361
NKV 45/2 T	60163362
NKV 45/3-2 T	60163363
NKV 45/3 T	60163364
NKV 45/4-2 T	60163365
NKV 45/4 T	60163366
NKV 45/5-2 T	60163367
NKV 45/5 T	60163368
NKV 45/6-2 T	60163369
NKV 45/6 T	60163370
NKV 45/7-2 T	60163371
NKV 45/7 T	60163372
NKV 45/8-2 T	60163373
NKV 45/8 T	60163374
NKV 45/9-2 T	60163375
NKV 45/9 T	60163376
NKV 45/10-2 T	60163377
NKV 45/10 T	60163378
NKV 45/11-2 T	60163379
NKV 45/11 T	60163380
NKV 45/12-2 T	60163381
NKV 45/12 T	60163382
NKV 45/13-2 T	60163383

MODEL	CODE
NKV 65/2-2 T	60168423
NKV 65/2 T	60168424
NKV 65/3-2 T	60168425
NKV 65/3 T	60168426
NKV 65/4-2 T	60168427
NKV 65/4 T	60168428
NKV 65/5-2 T	60168429
NKV 65/5 T	60168430
NKV 65/6-2 T	60168431
NKV 65/6 T	60168432
NKV 65/7-2 T	60168433
NKV 65/7 T	60168434
NKV 65/8-2 T	60168435
NKV 65/8 T	60168436

MODEL	CODE
NKV 95/2-2 T	60168437
NKV 95/2 T	60168438
NKV 95/3-2 T	60168439
NKV 95/3 T	60168440
NKV 95/4-2 T	60168441
NKV 95/4 T	60168442
NKV 95/5-2 T	60168443
NKV 95/5 T	60168444
NKV 95/6-2 T	60168445
NKV 95/6 T	60168446

CENTRIFUGAL PUMPS ACCESSORIES

COUNTERFLANGE KIT	MODEL	CODE	COUNTERFLANGES AND SEALS	THREADED	MATERIAL	PN	NKM-GE - NKP-GE NKM-G- NKP-G	KDNE - KDN
 DN 32	DN 32	109620520	1 x DN 32 + 1 x DN 50	THREADED	STAINLESS STEEL	16	•	•
	DN 40	109620530	1 x DN 40 + 1 x DN 65	THREADED	STAINLESS STEEL	16	•	•
	DN 50	109620540	1 x DN 50 + 1 x DN 65	THREADED	STAINLESS STEEL	16	•	•
	DN 65	109620550	1 x DN 65 + 1 x DN 80	THREADED	STAINLESS STEEL	16	•	•
	DN 32	109620400	1 x DN 32 + 1 x DN 50	TO BE WELDED	STAINLESS STEEL	16	•	•
	DN 40	109620410	1 x DN 40 + 1 x DN 65	TO BE WELDED	STAINLESS STEEL	16	•	•
	DN 50	109620420	1 x DN 50 + 1 x DN 65	TO BE WELDED	STAINLESS STEEL	16	•	•
	DN 50/1	60115139	1 x DN 50 + 1 x DN 80	TO BE WELDED	STAINLESS STEEL	16		•
	DN 65	109620430	1 x DN 65 + 1 x DN 80	TO BE WELDED	STAINLESS STEEL	16	•	•
	DN 65/1	60115140	1 x DN 65 + 1 x DN 100	TO BE WELDED	STAINLESS STEEL	16		•
	DN 80	109620440	1 x DN 80 + 1 x DN 100	TO BE WELDED	STAINLESS STEEL	16	•	•
	DN 80/1	60115141	1 x DN 80 + 1 x DN 125	TO BE WELDED	STAINLESS STEEL	16		•
	DN 100	109620450	1 x DN 100 + 1 x DN 125	TO BE WELDED	STAINLESS STEEL	16	•	•
	DN 125	109620460	1 x DN 125 + 1 x DN 150	TO BE WELDED	STAINLESS STEEL	16	•	•
	DN 150	109620470	1 x DN 150 + 1 x DN 200	TO BE WELDED	STAINLESS STEEL	16 (10 x DN 200)	•	•
	DN 200	109620480	1 x DN 200 + 1 x DN 250	TO BE WELDED	STAINLESS STEEL	16 (10 x DN 200)		•
	DN 250/1	109620500	1 x DN 250 + 1 x DN 300	TO BE WELDED	STAINLESS STEEL	16		•
	DN 300	109620510	1 x DN 300 + 1 x DN 350	TO BE WELDED	STAINLESS STEEL	16		•
	DN 350	60115142	1 x DN 350 + 1 x DN 400	TO BE WELDED	STAINLESS STEEL	16		•

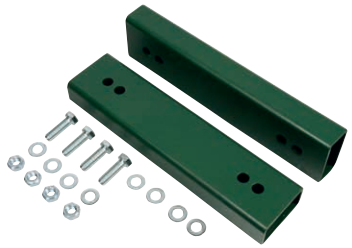
The kit comprises suction and delivery counterflanges with the relative seals, screws and nuts required by the size of the pump to which it refers.

ACCESSORIES - MULTISTAGE CENTRIFUGAL PUMPS WITH VERTICAL AXIS

COUNTERFLANGE KIT	MODEL	CODE	COUNTERFLANGES AND SEALS	THREADED	MATERIAL	PN	NKVE - NKV 10-15-20	NKVE - NKV 32 - 45	NKVE - NKV 65 - 95
 DN 40	DN 40	60119214	2 x DN 40	THREADED	STAINLESS STEEL	40	•		
	DN 50	60119215	2 x DN 50	THREADED	STAINLESS STEEL	40	•		
	DN 65	60163388	2 x DN 65	THREADED	STAINLESS STEEL	40		•	
	DN 80	60163389	2 x DN 80	THREADED	STAINLESS STEEL	40		•	•
	DN 100	60168815	2 x DN 100	THREADED	STAINLESS STEEL	25			•

UNIONS	MODEL	CODE	KVCE - KVC	KVCX
	UNIONS MF 1" ¼ (one for DNA and one for DNM)	547820550	•	•

The unions must be ORDERED SEPARATELY.
One for Delivery port and one for Suction port

SHIMS KIT	MODEL	CODE	For pump type	P2 kW	DIMENSIONS A x B x H mm	NKM-GE NKM-G 4 POLES	NKP-GE NKP-G 2 POLES
 SHIMS KIT NR 5	SHIMS KIT NR 1	147120800	NKM-G 65-315/309/1¼	11	90 x 335 x 65	•	
	SHIMS KIT NR 5	147120840	NKM-G 80-250/270/1¼	11	80 x 290 x 40	•	
	SHIMS KIT NR 2	147120810	NKM-G 80-315/305/15/4	15	90 x 335 x 90	•	
	SHIMS KIT NR 3	147120820	NKM-G 80-315/320/18,5 /4	18,5	100 x 320 x 70	•	
			NKM-G 80-315/334/22/4	22			
	SHIMS KIT NR 1	147120800	NKM-G100-250/250/1¼	11	90 x 335 x 65	•	
			NKM-G100-250/270/15/4	15			
	SHIMS KIT NR 3	147120820	NKM-G100-315/300/18.5 /4	18,5	100 x 320 x 70	•	
			NKM-G100-315/316/22 /4	22			
	SHIMS KIT NR 2	147120810	NKM-G125-250/243/15/4	15	90 x 335 x 90	•	
	SHIMS KIT NR 3	147120820	NKM-G125-250/256/18,5 /4	18,5	100 x 320 x 70	•	
			NKM-G125-250/266/22/4	22			
	SHIMS KIT NR 4	147120830	NKM-G150-200/218/1¼	11	80 X 290 X 120	•	
	SHIMS KIT NR 6	147120850	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			
	SHIMS KIT NR 7	147120860	NKP-G 40-200/210/1½	11	70 X 332 X 20		•
			NKP-G 40-250/230/15/2	15			
			NKP-G 40-250/245/18.5 /2	18,5			
	SHIMS KIT NR 6	147120850	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			
	SHIMS KIT NR 7	147120860	NKP-G 50-160/169/1½	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 65-160/157/1½	11			
			NKP-G 65-160/173/15 /2	15			
			NKP-G 65-200/190/18,5 /2	18,5			
			NKP-G 80-160/147-127/1½	11			
			NKP-G 80-160/153/15 /2	15			
			NKP-G 80-160/163/18,5 /2	18,5			
	SHIMS KIT NR 8	147120870	NKP-G 80-200/190/30 /2	30	70 X 125 X 20		•

Available on request separately from the pump. Used to level the pump during installation so as to make up for the difference in centreline heights between the pump and the motor.
The kit comprises two shims with dimensions A (width), B (length), H (height) shown in the table.
The shims with a height of over 20 mm are supplied complete with screws, nuts and washers in order to fix them to the pump and motor.

NOTES

INDEX - SUBMERSIBLE PUMPS

NOVA

A7 PAG. 208

NOVA UP
NOVA UP X

A7 PAG. 209

NOVA UP MAE

A7 PAG. 210

VERTY NOVA

A7 PAG. 210

DRENAG
1000/1200

C8 PAG. 211

DRENAG
1400/1800

C9 PAG. 212

DRENAG
1600/2000/2500/3000

E6 PAG. 212

DIG
1100/1500/1800/2200

CQ PAG. 213

DIG
3700/5500/8500/11000

CQ PAG. 214

GRINDER
1000/1200/1600

CM PAG. 215

GRINDER
1400/1800

CN PAG. 215

FEKA 600

CG PAG. 216

FEKA BVP

AF PAG. 217

FEKA VS

CJ PAG. 218

FEKA
1400/1800

CI PAG. 219

FEKA
2000

CA PAG. 220

FEKA
2500/2700

CB PAG. 221

FK NEWS

EM PAG. 222

FEKA
6200/6300/
8100/8200/8300

CE CF PAG. 225

GENIX
AUTOMATIC LIFTING STATION

DC PAG. 226

NOVABOX
STATIONS FOR AUTOMATIC COLLECTING
AND PUMPING SEWAGE

AE PAG. 227

FEKABOX 110
AUTOMATIC PUMPING STATION
FOR 1 PUMP

CK PAG. 227

FEKABOX 200
AUTOMATIC PUMPING STATION
FOR 1 PUMP

CK PAG. 228

FEKAFOS 280
AUTOMATIC PUMPING STATION
FOR 1 PUMP

CK PAG. 229

FEKAFOS 280 DOUBLE
AUTOMATIC PUMPING STATION
FOR 2 PUMP

CK PAG. 229

FEKAFOS 550 DOUBLE
AUTOMATIC PUMPING STATION
FOR 2 PUMPS

CK PAG. 230

FEKAFOS 1200 - 2000 - 3800
AUTOMATIC PUMPING STATION
FOR 2 PUMPS

CK PAG. 231

NOVAIR
SUBMERGED AERATOR

AK PAG. 236

ACCESSORIES

PAG. 237

E.BOX
ELECTRONIC PROTECTION AND
CONTROL PANEL

AT PAG. 243

PANELS

AT PAG. 247

NOVA
SUBMERSIBLE PUMPS


NOVA M-A


NOVA M-NA

SUBMERSIBLE PUMPS FOR DRAINAGE WATER

Pumpbody,impeller,capandsuctiongridintechnopolymer. Motor, rotor shaft and screws in stainless steel.
Triple O-ring seal interposed with an oil precombustion chamber. Continuous duty submersible asynchronous motor. Stator fitted in an airtight stainless steel casing.
Rotor mounted on overdimensioned, greased-for-life ball bearings. Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. For the protection of the three-phase motor it is advisable to use a suitable overload protection complying with the regulations in force. Supplied with standard power cables for the single-phase version:
5 meters H05RN-F per: NOVA 180 M-A
NOVA 300 M-A
NOVA 600 M-A
10 meters H05RN-F per: NOVA 180 M-NA
NOVA 200 M-NA
10 meters H07RN-F per: NOVA 600 M-NA
Standard cables supplied for the three-phase version: 5 metres of HO7RN-F cable. For the single phase the standard is a SCHUKO plug EEC VII.

For special version available with special stainless steel motor shaft.
Operating range: from 1 to 16 m^3/h with head up to 10.2 metres
Liquid temperature range: from 0°C to +35° C for domestic use
Pumped liquid characteristics:
NOVA fibre-less murky water
Granulometersc passage through the suction grid:
NOVA 180-NOVA 200 5 mm
NOVA 300 – NOVA 600 10 mm
Min. suction depth:
NOVA 180 A 77 mm
NOVA 180 NA – NOVA 200 8 mm
NOVA 300 85 mm
NOVA 600 A 175 mm
NOVA 600 NA 38 mm
Maximum immersion depth: 7 metres
Maximum dry running time: 1 minute
Protection level: IP 68
Insulation class: F

ACCESSORIES PAG. 237
PANELS PAG. 247

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA													DNM GAS	CABLE	WEIGHT KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	Q=m^3h	0	1	2	3	4,5	5	6	7	7,5	9	10	12	15				
							Q=l/min	0	16,6	33,3	50	75	83,3	100	116,6	125	150	166,6	200	250				
NOVA 180 M-A - SV	103002684	1X220-240 V~	0,19	0,2	0,28	0,9	H (m)	4,95	4,45	3,9	3,15	1,7	1,15								1"¼	5 mt.	4,6	48
NOVA 180 M-NA - SV	103002694	1X220-240 V~	0,19	0,2	0,28	0,9		4,95	4,45	3,9	3,15	1,7	1,15								1"¼	10 mt.	4,5	48
NOVA 200 M-NA - SV	103002704	1X220-240 V~	0,35	0,22	0,3	1,5		7,1	6,6	6,1	5,6	4,9	4,7	4,2	3,7	3,5	2,8	2,35	1,5		1"¼	10 mt.	4,5	48
NOVA 300 M-A - SV	103002724	1X220-240 V~	0,35	0,22	0,3	1,6		7,18	6,7	6,23	5,8	5,2	5	4,6	4,2	4	3,42	3	2,2		1"¼	5 mt.	4,6	48
NOVA 600 M-A - SV	103002744	1X220-240 V~	0,80	0,55	0,75	3,4		10,2	9,7	9,3	8,9	8,3	8,1	7,8	7,4	7,2	6,6	6,1	5	3,1	1"¼	5 mt.	7	32
NOVA 600 M-NA - SV	103002754	1X220-240 V~	0,80	0,55	0,75	3,4		10,2	9,7	9,3	8,9	8,3	8,1	7,8	7,4	7,2	6,6	6,1	5	3,1	1"¼	10 mt.	6,7	32
NOVA 600 T-NA - SV	103005814	3X400 V~	0,80	0,55	0,75	1,6		10,2	9,7	9,3	8,9	8,3	8,1	7,8	7,4	7,2	6,6	6,1	5	3,1	1"¼	10 mt.	6,7	32

A= automatic with float **NA**= non automatic without float

NOVA UP - NOVA UP X

SUBMERSIBLE PUMPS

NOVA UP M-A

NOVA UP M-NA

NOVA UP X M-NA

CLEAR WATER DRAINAGE FOR DOMESTIC USE

Vertical flow drainage pump in an automatic or manual version with removable filter for suction up to 2/3 mm, features that make it a strong pump and allow for installation versatility.
These pumps can be used with liquids that contain solids of a maximum size up to 10 mm.
Pump body, impeller, Cap and grille in technopolymer.
The motor, rotor shaft and screws in stainless steel.
Triple O-ring seal with interposed oil Chamber.
Asynchronous submersible motor for continuous operation. Stator in a sealed stainless steel enclosure.
Rotor mounted on ball bearings greased for life and oversized.
Thermal-amperometersc protection incorporated and condenser permanently connected.
Special version NOVA UP X with connection port to the floating suction kit, suitable for use in tanks with rainwater recovery systems (see aquaprof) and other in tank applications.

Operating range:
from 1 to 15 m3 / h with prevalence up to 10 meters.
Temperature range of the liquid:
from 0 ° C to +35 ° C for domestic use.
Pumped liquid temperature:
murky waters without fibers
Minimum depth of draft:
NOVA UP-300M - 120 mm
NOVA UP 300M - 60 mm
NOVA UP X 300M - 70 mm
NOVA UP 600M - 165 mm
NOVA UP 600M - 70 mm
NOVA UP X 600M - 80 mm
Maximum immersion depth: 7 meters.
Installation: vertical, fixed or portable.
Degree of protection: IP 68.
Insulation class: F

TECHNICAL DATA - NOVA UP

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA													DNM GAS	CABLE	WEIGHT KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	Q=m³h	0	1	2	3	4,5	5	6	7	7,5	9	10	12	13,5				
							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	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				1" ¼	10 mt.	5,8	39
NOVA UP 300 M-NA	60152309	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				1" ¼	10 mt.	5,6	39
NOVA UP 600 M-A	60152306	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	1" ¼	10 mt.	7,3	26
NOVA UP 600 M-NA	60152310	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	1" ¼	10 mt.	7,1	26

A= automatic with float **NA**= non automatic without float

TECHNICAL DATA - NOVA UP X

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA													DNM GAS	DNA GAS	CABLE	WEIGHT KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	Q=m³h	0	1	2	3	4,5	5	6	7	7,5	9	10	12	13,5					
							Q=l/min	0	16,6	33,3	50	75	83,3	100	116,6	125	150	166,6	200	225					
NOVA UP X 300 M-NA	60152307	1X220-240 V~	0,38	0,21	0,28	1,5	H (m)	7,1	6,2	5,5	4,8	3,7	3,3	2,5	1,6	1					1" ¼	1" ¼	10 mt.	5,6	36
NOVA UP X 600 M-NA	60152308	1X220-240 V~	0,77	0,52	0.69	3,5		9,7	9,4	8,9	8,4	7,5	7,2	6,5	5,6	5,1	3,7	2,5			1" ¼	1" ¼	10 mt.	7,1	36

NA= non automatic without float

ACCESSORIES

MODEL	CODE
SUCTION KIT 1" ¼ GAS	60161584

NOVA UP MAE

SUBMERSIBLE PUMPS

NOVA UP MAE

NOVA UP MAE

CLEAR WATER DRAINAGE FOR DOMESTIC USE

Electronic pump drainage with vertical adjustable (automatic or manual) with removable filter for suction up to 2/3 mm. The adjustment slider of the probes, allows you to vary the level of on-off of the pump, this feature increases the versatility of installation.
The vertical delivery and the electronic float make it a pump suitable for use in wells of small dimensions.
These pumps can be used with liquids containing solids up to 10 mm maximum size.
Pump body, impeller, cap and grille in technopolymer.
The motor, rotor shaft and screws in stainless steel.
Triple O-ring seal with interposed oil chamber.
Asynchronous submersible motor for continuous operation. Stator in a sealed stainless steel enclosure.
Rotor mounted on ball bearings greased for life and oversized.
Thermal-amperometersc protection incorporated and condenser permanently connected.

Operating range:
from 1 to 15 m3/h-with prevalence up to 10 meters.
Temperature range of the liquid:
from 0° C to +35° C for domestic use.
Pumped liquid temperature:
murky waters without fibers
Minimum depth of draft:
NOVA UP 300 M-AE 60 mm
NOVA UP 600 M-AE 70 mm
Maximum immersion: 7 meters.
Installation: vertical, portable or fixed.
Degree of protection: IP 68.
Insulation class: F.

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA													DNM GAS	CABLE	WEIGHT KG	Q.TY x PALLET
		VOLTAGE 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	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				1" ¼	10 mt.	5,6	39
NOVA UP 600 M-AE	60153573	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	1" ¼	10 mt.	7,3	26

A= automatic with float **E**= Electronic

VERTY NOVA

INTEGRATED FLOAT SWITHC SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS FOR DRAINAGE WATER

Submersible pumps specifically designed for uses in narrow pits with dimensions down to 20 cm x 20 cm.
Suitable to pump clear water containing particles with maximum diameter up to 5 mm.
Pump with built-in float switch
Anti-corrosive and rust-proof materials.
Integrated float switch.
Low suction capability: 2 – 3 mm (manual mode).
Very low priming and starting level of the pump: 10 – 15 mm (manual mode).
Knob for manual or automatic operation.
Easy access through sliding cover to float switch for cleaning.
Motor with thermal overload protection.
Excellent cooling of the motor that enables the pump to operate even when it is partially submersible.
Supplied with power cable with plug, non return valve and 4-step fitting.

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA											DNM GAS	CABLE	WEIGHT KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³h	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	60122636	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				1" ¼	10 mt.	4,2	40
VERTY NOVA 400 M	60122637	1X230 V~	0,6	0,4	0,55	2,6		9	8,8	8,5	8,1	7,8	7	6,7	1,8	5,7	4,2	3,5	1" ¼	10 mt.	5,1	40

DRENAG 1000 - 1200

SUBMERSIBLE PUMPS

DOMESTIC CLEAN AND GREY WATER

Submersible electric pump in AISI 304 Stainless Steel: pump body, impeller, motor flange, filter and filter cover, motor casing, outer casing with handle, cable compartment cover.
Shaft **in AISI 316 stainless steel.**
Handle coated with insulating rubber. **Double mechanical seal** with oil chamber interposed, carbon/alumina on motor side and silicon/silicon carbide on pump side. **Dry motor**, asynchronous, watertight, cooled by the pumped liquid itself. Standard thermal protection in the winding. Capacitor permanently on in the single-phase version. 10 metres of H07RN-F power cables with schuko plug are supplied as a standard USA plug instead could be also available on request. All models can be supplied either with or without float.

Operating range: from 3 to 24 m³/h with head up to 14.2 mt.
Liquid temperature range:
from 0°C to +35°C for domestic use.
from 0°C to +50°C.
Pumped liquid characteristics: rain water, phreatic water, sandy water from building yards and clean waste waters, not aggressive.
Maximum working temperature: +40°C with the motor out of the water.
Free passage through the suction grid: 10 mm.
Maximum immersion depth: 7 mt.
Protection level: IP 68.
Insulation class: F.
Installation: fixed or portable, in a vertical position.

ACCESSORIES PAG. 237
PANELS PAG. 247

TECHNICAL DATA

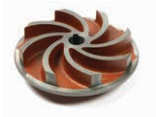
MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA								DNM GAS	FREE PASSAGE mm	WEIGHT KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³h	0	3	6	9	12	15	18	24				
				kW	HP		Q=l/min	0	50	100	150	200	250	300	400				
DRENAG 1000 M-A	103041000	1X230 V~	1,29	1	1,36	6	H (m)	15,3	13,7	12,1	10,5	8,7	6,8	4,7		1"½	10	17	24
DRENAG 1000 M-NA	103041010	1X230 V~	1,29	1	1,36	6		15,3	13,7	12,1	10,5	8,7	6,8	4,7		1"½	10	17	24
DRENAG 1000 T-NA	103041020	3X400 V~	1,18	1	1,36	2,43		15,3	13,7	12,1	10,5	8,7	6,8	4,7		1"½	10	17	24
DRENAG 1200 M-A	103041040	1X230 V~	1,85	1,2	1,6	7,5		17	15,4	13,8	12,4	10,7	9	7,3	3,3	1"½	10	18,5	24
DRENAG 1200 M-NA	103041050	1X230 V~	1,85	1,2	1,6	7,5		17	15,4	13,8	12,4	10,7	9	7,3	3,3	1"½	10	18,5	24
DRENAG 1200 T-NA	103041060	3X400 V~	1,65	1,2	1,6	3,24		17	15,4	13,8	12,4	10,7	9	7,3	3,3	1"½	10	18,5	24

A: automatic with float
NA: non automatic without float
T: three-phase

DRENAG 1400 - 1800

SUBMERSIBLE PUMPS

CONTROL MDN *



DOMESTIC CLEAN AND GREY WATER

Submersible pump with cast iron pump body, motor casing and adjustment ring impeller. Cast iron adjustment disk coated with abrasion-proof rubber. Stainless steel shaft, handle, filter, bolts and screws. Silicon/carbide mechanical seal, inspectionable oil chamber.
Continuous duty submersible induction motor, in a watertight casing. Rotor mounted on oversized greased sealed-for-life ball bearings. THERMAL PROTECTION in the windings, to be connected to the control panel.
10 mt of neoprene rubber power cable.
***In order to operate, the pumps must be equipped with a control and protection system, supplied separately and not connected to the electropumps(see panels)**

Operating range: from 6 to 33 m³/h with head up to 19,2 mt for the single-phase version and 21,5 mt for the three-phase version.
Liquid quality requirements: sandy, muddy or sludgy water from building sites, clean waste water, rain water, ground water, fountain, river or lake water, always non aggressive
Liquid temperature range: from 0°C to +55°C
Free passage through the suction grid: 12 mm
Maximum immersion depth: 10 mt
Installation: fixed or portable in a vertical position
Liquid temperature range: from 0°C to +55°

ACCESSORIES PAG. 237
PANELS PAG. 247

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA									DNM GAS	FREE PASSAGE mm	WEIGHT KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³h	0	6	9	12	15	18	24	30	36				
				kW	HP		Q=l/min	0	100	150	200	250	300	400	500	600				
DRENAG 1400 M	103010040	1X230 V~	2	1,1	1,5	9,2	H (m)	19,2	17	15,9	14,6	13,5	12,1	9	5,5		2"	12	44,2	6
DRENAG 1800 T	103010160	3X400 V~	2,3	1,5	2,0	4,4		21,5	20	19	18	16,5	15,2	12	8,5	4,5	2"	12	44	6

M= single phase **T**= three phase

DRENAG 1600 - 2000 - 2500 - 3000

SUBMERSIBLE PUMPS

DOMESTIC CLEAN AND GREY WATER

Submersible centrifugal pump with **ADJUSTMENT RING IMPELLER** suitable for lifting water from drainage waste containing solids having maximum size of **5 mm**. Top cover and motor body in anodized die cast aluminium. Impeller in ENGJL 200 cast iron. Pump body in ENGJL 200 cast iron. Double mechanical seals in oil chamber: motor side carbon/alumina, pump side in silicon carbide/silicon carbide. Dry type asynchronous sealed motor. Rotor mounted on ball bearings to ensure silent running and long life. In the single phase version capaticor is supplied in external control box equipped with current protection

Protection level: IP 68
Insulation class: F
Continuous duty, with completely immersed pump. The single-phase version can be equipped with float switch for automatic starting and stopping of the pump. Supplied as standard with 10 metre H07RN-F power cable.
Operating range: from 3 to 66 m³/h with head up to 17 mt
Liquid quality requirements: Clear drain not aggressive water
Liquid temperature range: from 0° to + 40°
Maximum immersion depth: 10 mt
Installation: portable, in vertical position
Free passage through the suction grid : 5 mm

ACCESSORIES PAG. 237
PANELS PAG. 247

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA																DNM GAS	FREE PASSAG. mm	WEIGHT KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³h	0	3	6	9	12	15	18	24	30	36	42	48	54	60	66				
				kW	HP		Q=l/min	0	50	100	150	200	250	300	400	500	600	700	800	900	1000	1100				
DRENAG 1600 MA	60141710	1X230 V~	1,6	1,1	1,5	7,4	H (m)	8	7,6	7,2	7	6,7	6,4	6	5,3	4,7	3,9	2,8					2" ½	5	23,5	8
DRENAG 1600 T-NA	60141711	3X400 V~	1,6	1,1	1,5	3		8	7,6	7,2	7	6,7	6,4	6	5,3	4,7	3,9	2,8					2" ½	5	23,5	8
DRENAG 2000 T-NA	60141712	3X400 V~	2	1,4	1,9	4,1		10,8	10,5	10,3	10	9,7	9,4	9,1	8,4	7,4	6,4	5,3	4,2	2,9			2" ½	5	23,5	8
DRENAG 2500 T-NA	60141713	3X400 V~	3,1	1,8	2,4	5,3		15	14,4	13,9	13,5	13,1	12,8	12,4	11,7	10,9	9,9	8,9	7,9	6,7	5,3	3,9	2" ½	5	24	8
DRENAG 3000 T-NA	60141714	3X400 V~	3,5	2,2	2,9	6,2		18,2	17,9	17,6	17,2	16,8	16,4	15,9	14,9	14	12,9	12	10,9	9,9	8,2	6,2	2" ½	5	26	8

A= automatic with float **NA**= non automatic without float

DIG 1100 - 1500 - 1800 - 2200

HEAVY DRAINAGE PUMPS

HEAVY DREDGING ABRASIVE CLEAN AND GREY WATER

Submersible electric pumps particularly suitable for the removal of drainage water in construction sites, open mines or quarries. Thanks to their rugged construction and reliability, these pumps can be used with harsh and abrasive liquids containing solids with maximum dimensions of up to 6 mm.

Open impeller in CRA2 650 HB high-chromium cast iron, outer sleeve in AISI 304 stainless steel, double mechanical seal in silicon carbide/silicon carbide on pump side and carbon/alumina on motor side. Suction screen in AISI 304 stainless steel. Dry-type asynchronous sealed motor, cooled by the pumped liquid. Rotor mounted on oversized greased sealed-for-life double ball bearings to ensure silent running and long life. Integral capacitor in single-phase versions. Thermal and overcurrent protection are the responsibility of the user.

Constructed in compliance with CEI 2-3CEI 61-69 (EN 60335-2-41)

Motor protection level: IP 68

Insulation class: F

Continuous duty, with completely immersed pump. Facility for operation also with partially immersed pump. The single-phase version can be equipped with float switch for automatic starting and stopping of the pump. Supplied as standard with 10 mt H07RN-F power cable. Can be supplied on request with special tear-proof cable featuring internal reinforcement with steel core.

Operating range: from 6 to 54 m³/h with head up to 20 mt.

Liquid quality requirements: rain water, ground water, sandy work site water, and water in general also when contaminated with small abrasive particles.

Liquid temperature range: from 0° to 35°

Maximum immersion depth: 20 mt (with suitable cable lenght)

Installation: fixed or portable in vertical position

Free passage through the suction grid: 6 mm

ACCESSORIES PAG. 237
PANELS PAG. 247

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA										DNM GAS	FREE PASSAGE mm	WEIGHT KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³h	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				
DIG 1100 MA	60141687	1X230 V~	1,7	1,1	1,5	7,8	H (m)	11,3	10,6	9,6	8,5	7,4	6,5	5,3	3,8	3,0		2" ½	6	34	8
DIG 1100 M-NA	60141688	1X230 V~	1,7	1,1	1,5	7,8		11,3	10,6	9,6	8,5	7,4	6,5	5,3	3,8	3,0		2" ½	6	34	8
DIG 1100 T-NA	60141689	3X400 V~	1,7	1,1	1,5	3		11,3	10,6	9,6	8,5	7,4	6,5	5,3	3,8	3,0		2" ½	6	34	8
DIG 1500 T-NA	60141690	3X400 V~	2,4	1,5	2	4,3		13		11,0	10,0	9,0	8,0	6,8	5,3	4,0		2" ½	6	35	8
DIG 1800 T-NA	60141691	3X400 V~	3,2	1,8	2,4	5,3		17,6		15,0	13,8	12,5	11,0	9,4	8,1	6,3	4,9	2" ½	6	36	8
DIG 2200 T-NA	60141692	3X400 V~	3,7	2,2	3	6,4		20,1		16,8	15,2	14,1	12,4	10,6	9,1	7,4	5,9	2" ½	6	37	8

A: automatic with float
NA: non automatic without float
T: three-phase

DIG 3700 - 5500 - 8500 - 11000

HEAVY DRAINAGE PUMPS

CE

HEAVY DREDGING ABRASIVE CLEAN AND GREY WATER

Submersible electric pumps particularly suitable for the removal of drainage water in construction sites, open mines or quarries. Thanks to their rugged construction and reliability, these pumps can be used with harsh and abrasive liquids containing solids with maximum dimensions of up to 10 mm. Open impeller in **CRA2 650 HB high-chromium cast iron,** outer sleeve in AISI 304 stainless steel, **double mechanical seal in** silicon carbide/silicon carbide on pump side and carbon/alumina on motor side. Suction screen in AISI 304 stainless steel. Pump body in EN GJL 200 cast iron clad internally with abrasion and wear resistant Nitrile rubber (NR). Dry-type asynchronous sealed motor, cooled by the pumped liquid.
Rotor mounted on oversized greased sealed-for-life ball bearings to ensure silent running and long life.
Overcurrent protection is set in the motor windings as standard. Constructed in compliance with CEI 2-3CEI 61-69 (EN 60335-2-41) standards.

Motor protection level: IP 68
Insulation class: F
Continuous duty, with completely immersed pump.
Facility for operation also with partially immersed pump.
Supplied as standard with 10 mt H07RN-F power cable.
Can be supplied on request with tear-proof cable featuring internal reinforcement with steel core**.**

Operating range: from 12 to 240 m^3/h with head up to 58 mt
Liquid quality requirements: rain water, ground water, sandy work site water, and water in general also when contaminated with small abrasive particles.
Liquid temperature range: from 0° to 35°
Maximum immersion depth: 20 mt (with suitable cable lenght)
Installation: fixed or portable in vertical position
Free passage through the suction grid: 10 mm

ACCESSORIES PAG. 237
PANELS PAG. 247

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA																DNM GAS	FREE PASSAGE mm	WEIGHT KG
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	Q=m^3h	0	12	18	24	30	36	42	48	54	60	72	84	96	108	120	132			
							Q=l/min	0	200	300	400	500	600	700	800	900	1000	1200	1400	1600	1800	2000	2200			
DIG 3700 AP T-NA	60141693	3X400 V~	4,2	3,7	5,0	7,7	H (m)	32,5	29,0	27,3	25,0	22,0	19,0	15,7	12,0	8,0	4,0							3"	10	90
DIG 3700 MP T-NA	60141695	3X400 V~	4,3	3,7	5,0	7,8		12,5	12,0	11,8	11,6	11,3	11,0	10,6	10,3	9,8	9,4	8,5	7,4	6,0	4,9	3,3		4"	10	90
DIG 5500 AP T-NA	60141696	3X400 V~	7,0	5,5	7,5	12,0		41,6	38,0	36,0	34,0	32,0	30,0	27,0	24,0	21,0	17,0	9,0	2,0					3"	10	96
DIG 5500 MP T-NA	60141697	3X400 V~	5,4	5,5	7,5	10,0		20,0	19,0	18,5	18,0	17,5	17,0	16,5	16,0	15,5	15,0	13,5	12,0	10,5	8,5	6,5	4,5	4"	10	96
DIG 8500 AP T-NA	60141698	3X400 V~	10,4	8,5	11,6	19,0		45,0	43,0	42,5	41,0	39,8	38,0	37,0	35,5	34,0	32,0	28,0	23,0	18,0	13,0	8,0	3,5	4"	10	150
DIG 8500 MP T-NA	60141699	3X400 V~	9,9	8,5	11,6	16,0		24,8	23,5	22,9	22,1	21,5	20,8	20,3	19,5	19,2	18,5	17,5	16,2	15,1	13,5	11,7	10,3	6"	10	150
DIG 11000 AP T-NA	60141700	3X400 V~	13,6	11,0	15,0	22,5		54,0	51,0	49,5	48,0	46,3	45,0	43,2	42,0	40,3	39,0	35,0	31,0	26,0	21,0	16,0	10,0	4"	10	165
DIG 11000 MP T-NA	60141701	3X400 V~	12,5	11,0	15,0	21,5		32,0	31,0	30,5	30,1	29,4	29,1	28,5	28,0	27,4	26,5	25,6	24,6	23,3	22,1	20,7	19,1	6"	10	165

NA: non automatic without float
T: three-phase

GRINDER 1000 - 1200 - 1600

SEWAGE PUMPS WITH CUTTING SYSTEM

CE SEWAGE AND WASTE WATER FOR SMALL DISCHARGE PIPES

Submersible centrifugal pumpfitted with cutting system suitable for pumping domestic wastewater with usual solid addictions.Solids which cannot be transportated are rejected outside of the pump by the cutting rotor as the cutting system is located upstream from the pump hydraulics.. Cover, motor body, hydraulic section and impeller in cast iron ENGJL 200, grinding device in AISI440C. **Carbon/alumina** double mechanical seal. Dry type asynchronous sealed motor. Rotor mounted on ball bearings to ensure silent running and long life. In the single-phase version capacitor current protection in external control box, supplied with the pump.
Motor protection level: IP 68

Insulation class: F
Continuous duty with pump completely immersed. The single-phase version can be equipped with float switch for automatic starting and stopping of the pump. Supplied as standard with 10 mt H07RN-F power cable.
Operating range: from 3 to 18 m³/h with head up to 23 mt.
Liquid quality requirements: Not aggressive sewage, drain water
Liquid temperature range: From 0° to + 40°
Maximum immersion depth: 10 mt
Installation: portable, in vertical position.
Free passage: 5mm

ACCESSORIES PAG. 237
PANELS PAG. 247

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA								DNM GAS	WEIGHT KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³h	0	3	6	9	12	15	18			
				kW	HP		Q=l/min	0	50	100	150	200	250	300			
GRINDER 1000 M-A	60141604	1X220 - 240 V~	1,5	1	1,3	8	H (m)	15,2	12,9	10	6,9	3,6			2"	38	6
GRINDER 1000 M-NA	60141603	1X220 - 240 V~	1,5	1	1,3	8		15,2	12,9	10	6,9	3,6			2"	38	6
GRINDER 1000 T	60141602	3X400 V~	1,6	1	1,3	2,8		15,2	12,9	10	6,9	3,6			2"	38	6
GRINDER 1200 M-A	60141601	1X220 - 240 V~	2,8	1,5	2,0	12,7		20	13,9	17	14,7	11,7	8,1	4,2	2"	39	6
GRINDER 1200 M-NA	60141600	1X220 - 240 V~	2,8	1,5	2,0	12,7		20	13,9	17	14,7	11,7	8,1	4,2	2"	39	6
GRINDER 1200 T	60141599	3X400 V~	2,7	1,5	2,0	4,7		20	13,9	17	14,7	11,7	8,1	4,2	2"	39	6
GRINDER 1600 M-A	60141587	1X220 - 240 V~	3,8	1,8	2,4	16,8		23,5	22,3	20,6	18	14,8	11	5,7	2"	40	6
GRINDER 1600 M-NA	60141585	1X220 - 240 V~	3,8	1,8	2,4	16,8		23,5	22,3	20,6	18	14,8	11	5,7	2"	40	6
GRINDER 1600 T	60141588	3X400 V~	3,3	1,8	2,4	5,8		23,5	22,3	20,6	18	14,8	11	5,7	2"	40	6

GRINDER 1400 - 1800

SEWAGE PUMPS WITH CUTTING SYSTEM

PANEL ED HS*

CE SEWAGE AND WASTE WATER FOR SMALL DISCHARGE PIPES

Submersible pump with cast iron pump body, motor casing and adjustment ring impeller. Grinder device in micro casting steel. Stainless steel shaft, handle, filter, bolts and screws. Silicon/carbide mechanical seal, inspectionable oil chamber.
Continuous duty submersible induction motor, in a watertight casing. Rotor mounted on oversized greased sealed-for-life ball bearings. THERMAL
PROTECTION in the windings, to be connected to the control panel. with 10 metres of neoprene rubber power cable.
*** In order to operate, the pumps must be equipped with a control and protection system, supplied separately and not connected to the electropumps (see panels).**

Liquid temperature range: from 0°C to +55°C
Operating range: from 3 to 9 m³/h with head up to25 mt
Liquid quality requirements: dirty waste water, untreated sewage containing solids and/or long fibres, always non aggressive.
Liquid temperature range: from 0°C to +55°C
Maximum ambient temperature for pump operation with the motor emerging: +40°C
Maximum immersion depth: 10 mt.
Installation: fixed or portable in a vertical position

ACCESSORIES PAG. 237
PANELS PAG. 247

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA						DNM GAS	WEIGHT KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³h	0	3	6	9	12			
				kW	HP		Q=l/min	0	50	100	150	200			
GRINDER 1400 M	103010440	1X220 - 240 V~	1,95	1,1	1,5	8,7	H (m)	24,5	22,3	19	14,1		2"	43,2	6
GRINDER 1800 T	103010560	3X400 V	2	1,5	2,0	3,8		25,3	25	22,3	19,9	16	2"	43,2	6

FEKA 600
SEWAGE PUMPS

SUBMERSIBLE PUMPS FOR DRAINAGE WATER

Pumpbody,impeller,capandsuctiongridintechnopolymer. Motor, rotor shaft and screws in stainless steel.
Triple O-ring seal interposed with an oil precombustion chamber. Continuous duty submersible asynchronous motor. Stator fitted in an airtight stainless steel casing.
Rotor mounted on overdimensioned, greased-for-life ball bearings. Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. For the protection of the three-phase motor it is advisable to use a suitable overload protection complying with the regulations in force. Supplied with standard power cables for the single-phase version:
5 metres HO5RN-F cable for: FEKA 600 M-A
10 metres HO7RN-F cable for: FEKA 600 M-NA
Standard cables supplied for the three-phase version: 5 metres of HO7RN-F cable. For the single phase the standard is a SCHUKO plug EEC VII.

Operating range: from 1 to 16 m^3/h with head up to 10.2 metres
Liquid temperature range: from 0°C to +35° C for domestic use
Pumped liquid characteristics:
FEKA sewage water from septic tanks
Granulometersc passage through the suction grid:
FEKA 600 25 mm
Min. suction depth:
FEKA 600 A 175 mm
FEKA 600 NA 38 mm
Maximum immersion depth: 7 metres
Maximum dry running time: 1 minute
Protection level: IP 68
Insulation class: F

ACCESSORIES PAG. 237
PANELS PAG. 247

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA													DNM GAS	CABLE	WEIGHT KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	Q=m^3h	0	1	2	3	4,5	5	6	7	7,5	9	10	12	15				
							Q=l/min	0	16,6	33,3	50	75	83,3	100	116,6	125	150	166,6	200	250				
FEKA 600 M-A - SV	103002774	1X220-240 V~	0,94	0,55	0,75	4,3	H (m)	7,45	7,1	6,75	6,45	6,1	5,95	5,7	5,45	5,35	4,95	4,7	4,1	2,8	1" ¼	5 mt. H05	7	32
FEKA 600 M-NA - SV	103002784	1X220-240 V~	1	0,55	0,75	4,3		7,45	7,1	6,75	6,45	6,1	5,95	5,7	5,45	5,35	4,95	4,7	4,1	2,8	1" ¼	10 mt. H05	6,7	32
FEKA 600 T-NA - SV	103005824	3X400 V~	1	0,55	0,75	1,7		7,45	7,1	6,75	6,45	6,1	5,95	5,7	5,45	5,35	4,95	4,7	4,1	2,8	1" ¼	10 mt. H05	6,7	32

A= automatic with float **NA**= non automatic without float

FEKA BVP
SEWAGE PUMPS

SUBMERSIBLE PUMPS FOR DRAINAGE WATER

Powerful submersible pumps **for drainage and emptying duty.** Designed for pumping foul water containing solid particles of no more than 38 mm in diameter.
Anti-corrosion and anti-oxidation materials.
Motor with THERMAL
PROTECTION against overheating.
Wear-resistant motor shaft and impeller.

Excellent motor cooling to allow pump to run even when only partially submerged.
Automatic version equipped with float switch for automatic starting and stopping of the pump, and Manual version.
Equipped with power cable with plug, and 3-level union, without check valve.

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA													DNM GAS	CABLE	WEIGHT KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	Q=m³h	0	1	2	3	4,5	5	6	7	7,5	9	10	12	15	18				
							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	60122690	1X230 V~	1,0	0,70	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	1"½	10 mt.	8	27
FEKA BVP 750 M-A	60122691	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	1"½	10 mt.	8	27

FEKA VS
SEWAGE PUMPS

DOMESTIC SEWAGE AND WASTE WATER

Submersible centrifugal pump with liquid vortex cast steel impeller, suitable for pumping sewer water and waste water in general containing solids up to a maximum size of 50 mm.
Handle with insulating rubber cover. AISI 316 stainless steel drive shaft. Double mechanical seal with intermediate oil chamber (atoxic oil), in carbon/alumina on the motor side and silicon carbide/silicon carbide on the pump side.
Dry, asynchronous, sealed and cooled by the pumped liquid. Rotor mounted on greased for-life ball bearings, oversized and selected to guarantee greater noise reduction and duration. Thermo-amperometersc protection as standard for single-phase version, and the user's responsibility for the three-phase version. Constantly active capacitor on the single-phase version. Construction in accordance with the IEC 2-3 IEC 61-69 (EN 60335-2-41) standards.

Motor protection class: IP 68
Insulation class: F
Standard voltage:
220-240V 50Hz Single-phase
400V 50Hz Three-phase
Continual running with liquid at 35 °C and pump completely submersible. The single-phase version can be supplied with float for automatic function.
Power supply cable: 10 mt of H07RN-F cable with Shuko plug for the single-phase version and 10 meters of H07RN-F cable for the three-phase version.
Operating range: from 0 to 32 m³/h with head up to 14 mt
Pumped liquid: sewer water and waste water in general and non aggressive.
Liquid temperature range: from 0°C to +35°C for household use (EN 60335-2-41), from 0°C to +50°C for other uses.
Maximum ambient temperature for pump running with submersible motor: +40°C
Maximum immersion depth: 10 mt
Installation: fixed or portable, vertical.
Free Passage : 50 mm

ACCESSORIES PAG. 237
PANELS PAG. 247

TECHNICAL DATA - VS

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA									DNM GAS	FREE PASSAGE mm	WEIGHT KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³h	0	3	6	9	12	15	18	24				
				kW	HP		Q=l/min	0	50	100	150	200	250	300	400				
FEKA VS 550 M-A	103040000	1X220 - 240 V~	0,92	0,55	0,75	4,2	H (m)	7,4	6,9	6,2	5,6	4,1	3,2	1,8		2"	50	16,3	24
FEKA VS 550 M-NA	103040010	1X220 - 240 V~	0,92	0,55	0,75	4,2		7,4	6,9	6,2	5,6	4,1	3,2	1,8		2"	50	16,3	24
FEKA VS 550 T-NA	103040020	3X400 V~	0,90	0,55	0,75	1,64		7,4	6,9	6,2	5,6	4,1	3,2	1,8		2"	50	16,3	24
FEKA VS 750 M-A	103040040	1X220 - 240 V~	1,11	0,75	1	5,13		9,6	9,2	8,5	7,6	6,7	5,6	4,3	1,9	2"	50	17,5	24
FEKA VS 750 M-NA	103040050	1X220 - 240 V~	1,11	0,75	1	5,13		9,6	9,2	8,5	7,6	6,7	5,6	4,3	1,9	2"	50	17,5	24
FEKA VS 750 T-NA	103040060	3X400 V~	1,02	0,75	1	1,94		9,6	9,2	8,5	7,6	6,7	5,6	4,3	1,9	2"	50	17,5	24
FEKA VS 1000 M-A	103040080	1X220 - 240 V~	1,46	1	1,36	6,63		11,8	11,3	10,5	9,8	9,0	8,0	6,8	4,1	2"	50	19,3	24
FEKA VS 1000 M-NA	103040090	1X220 - 240 V~	1,46	1	1,36	6,63		11,8	11,3	10,5	9,8	9,0	8,0	6,8	4,1	2"	50	19,3	24
FEKA VS 1000 T-NA	103040100	3X400 V~	1,37	1	1,36	2,51		11,8	11,3	10,5	9,8	9,0	8,0	6,8	4,1	2"	50	19,3	24
FEKA VS 1200 M-A	103040120	1X220 - 240 V~	1,93	1,2	1,6	8,63		14	13,4	12,8	12,0	11,2	10,1	9,0	6,7	2"	50	20,8	24
FEKA VS 1200 M-NA	103040130	1X220 - 240 V~	1,93	1,2	1,6	8,63		14	13,4	12,8	12,0	11,2	10,1	9,0	6,7	2"	50	20,8	24
FEKA VS 1200 T-NA	103040140	3X400 V~	1,86	1,2	1,6	3,44		14	13,4	12,8	12,0	11,2	10,1	9,0	6,7	2"	50	20,8	24

FEKA 1400 - 1800
SEWAGE PUMPS

CONTROL MDN *

VORTEX IMPELLER

SEWAGE AND WASTE WATER

Submersible pump with cast iron pump body, motor casing and vortex impeller. Stainless steel shaft, handle, filter, bolts and screws. Silicon/carbide mechanical seal, inspectionable oil chamber.
Continuous duty submersible induction motor, in a watertight casing. Rotor mounted on oversized greased sealed-for-life ball bearings. THERMAL
PROTECTION in the windings, to be connected to the control panel. with 10 metres of neoprene rubber power cable.
*** In order to operate, the pumps must be equipped with a control box and protection system, supplied separately and not connected to the electropumps (see panels).**

Liquid temperature range: from 0°C to +55°C
Operating range: from 3 to 30 m^3/h with head up to 14 mt for the single-phase version and 15,5 mt for the three-phase version.
Liquid quality requirements: dirty waste water, untreated sewage containing solids and/or long fibres, always non aggressive
Liquid temperature range: from 0°C to +55°C
Maximum ambient temperature for pump operation with the motor emerging: +40°C
Maximum immersion depth: 10 mt
Installation: fixed or portable in a vertical position
Free passage: 38 mm

ACCESSORIES PAG. 237
PANELS PAG. 247

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA									DNM GAS	FREE PASSAGE mm	WEIGHT KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m^3/h	0	6	9	12	15	18	24	30				
				kW	HP		Q=l/min	0	100	150	200	250	300	400	500				
FEKA 1400 M	103010240	1X220 - 240 V~	1,8	1,1	1,5	8,5	H (m)	13,9	12	11	9,9	8,9	7,8	5,7	3,4	2"	38	41,2	6
FEKA 1800 T	103010360	3X400 V	1,9	1,5	2,0	3,7		15,5	13,7	12,8	11,8	10,7	9,7	7,3	4,5	2"	38	41,8	6

FEKA 2000
SEWAGE PUMPS

VORTEX IMPELLER

SEWAGE AND WASTE WATER

Cast iron submersible pumps vortex impeller for sewage, suitable for foul waste water with solid contents with **42 mm** as maximum diameter. Technopolymer upper cover with handle. Motor body, hydraulic section and any impeller in cast iron EN GJL 200.
Double mechanical seals in oil chamber: motor side carbon/alumina, pump side in silicon carbide/silicon carbide**.** Dry type asynchronous sealed motor. Rotor mounted on ball bearings to ensure silent running and long life.
***For single phase version, capacitor and overcurrent protection are set in external control box supplyed with Schuko plug.**
For three phase versions, thermal and overcurrent protection are responsability of the user.

Motor protection rating: IP 68
Insulation class: F
Continuous duty with completely immersed pump.
Supplied as standard with **10 metre H07RN-F** power cable.
Operating range: from 3 to 39 m³/h with head up to 17 metres.
Liquid quality requirements: Non-aggressive sewage, drain water
Liquid temperature range: From 0° to + 40°.
Maximum immersion depth: 20 metres
Installation: portable, in vertical position.
Free passage: 42 mm.
Comes with: UNI 1092 PN 6 compliant flange.
Lifting device available: see accessories.

ACCESSORIES PAG. 237
PANELS PAG. 247

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA								DNM	FREE PASSAGE mm	WEIGHT KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m³h	0	3	6	12	18	24	36				
				kW	HP		Q=l/min	0	50	100	200	300	400	600				
FEKA 2015.2 MA	60145478	1X230 V~	1,6	1,1	1,5	8	H (m)	12,5	11,5	10,5	8	5,8	3,6		50	42	32	8
FEKA 2015.2 MNA	60145479	1X230 V~	1,6	1,1	1,5	8		12,5	11,5	10,5	8	5,8	3,6		50	42	32	8
FEKA 2015.2 TNA	60145480	3X400 V~	1,5	1,1	1,5	2,8		12,5	11,5	10,5	8	5,8	3,6		50	42.	32	8
FEKA 2025.2 TNA	60145481	3X400 V~	2,2	1,8	2,4	4,1		17,5	16,5	15,6	13,6	11,6	9	3,8	50	42	33	8
FEKA 2030.2 TNA	60145482	3X400 V~	3,3	2,2	3	5,6		21	19,8	18,5	16	13,8	11,00	6	50	42	34	8

SPECIAL VERSIONS

MODEL	CODE
VERSION WITH THERMAL PROTECTION	on request

FEKA 2500 /2700

SEWAGE PUMPS

VORTEX IMPELLER

SEWAGE AND WASTE WATER

Cast iron submersible pumps with vortex impeller for sewage, suitable for foul and waste water with solid contents with **62 mm** as maximum diameter.
Motor body, hydraulic section and any impeller in cast iron EN GJL 200. Single mechanical seals pump side in silicon carbide/silicon carbide in oil chamber. Dry type asynchronous sealed motor. Rotor mounted on ball bearings to ensure silent running and long life.
On request: oil chamber with water level detector kit.
The single-phase version can be equipped with float switch for automatic starting and stopping of the pump.
***For single phase version, capacitor and overcurrent protection are set in external control box supplyed with Schuko plug.**
For three phase versions, thermal and overcurrent protection are responsability of the user

Motor protection rating: IP 68
Insulation class: F
Continuous duty with completely immersed pump.
Supplied as standard with **10 mt H07RN-F** power cable.
Operating range: from 6 to 48 m^3/h with head up to 17 mt.
Liquid quality requirements: Non-aggressive sewage, drain water
Liquid temperature range: From 0° to + 40°.
Maximum immersion depth: 20 mt
Installation: portable, in vertical position.
Free passage: 62 mm.
Comes with: UNI 1092 PN 6 compliant flange.
Lifting device available: see accessories.

ACCESSORIES PAG. 237
PANELS PAG. 247

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA								DNM	FREE PASSAGE mm	WEIGHT KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m^3h	0	3	6	12	18	24	36	48			
				kW	HP		Q=l/min	0	50	100	200	300	400	600	800			
FEKA 2508.4M-NA	60141722	1X230 V~	0,9	0,6	0,8	4,6	H (m)	5,4	5,1	4,8	4,1	3,4	2,6	1		65	62	40	8
FEKA 2508.4T D	60141723	3X400 V~	0,8	0,6	0,8	1,5		5,4	5,1	4,8	4,1	3,4	2,6	1		65	62	40	8
FEKA 2515.4T D	60141724	3X400 V~	1,2	1,1	1,5	3,3		6,2	6,1	5,9	5,5	5,0	4,5	3,1	1,4	65	62	41	8
FEKA 2500.4T D	103018080	3X400 V~	2,8	1,4	1,9	4,9		8	7,8	7,6	7,2	6,7	6,3	5,4	4,4	65	62	45	8
FEKA 2515.2T D	60141726	3X400 V~	1,9	1,1	1,5	3,3		9,3	8,8	8,4	7,6	6,5	5,3	3		65	62	41	8
FEKA 2500.2T D	103018000	3X400 V~	2,8	1,8	2,4	4,7		14	13,5	13	12	11	10	7,5	4	65	62	45	8
FEKA 2700.2T D	103018040	3X400 V~	3	2,18	2,9	5,7		16,5	15,5	14,8	13,6	12,5	11,4	9	5,5	65	62	47	8

SPECIAL VERSIONS

MODEL	CODE
VERSION WITH THERMAL PROTECTION	on request
VERSION WITH WATER LEVEL DETECTOR	on request

FK
SUBMERSIBLE PUMPS

NEWS

SEWAGE AND WASTE WATER

Design for the pumping of wastewater and sewage from buildings and sites in private, commercial, industrial areas in accordance with European Standard EN 12050-1.
Vortex impeller with maximum solids handling with new no-clogging shape, single channel impeller with high efficency and compliance with European Stadard EN 12050-1. Single-unit cartridge seal with double mechanical seals, SiC-SiC at the pump side, SiC-C at the motor side. All seals are independent of rotation direction. DN 65, DN 80, DN 100 radial slot EN 1092-1 flange discharge.
Liquid Viscosity : 1mm2/s. Premium Efficiency IE3, three-phase, squirrel-cage motor. Continuously S1 rated motor in submerged applications, or discontinuous S3 according to minimum levels. Seal monitoring by a moisture sensor in the seal chamber, which signals an inspection alert if there is leakage at the mechanical seals (optional). Bi-metallic switch in stator windings, with max temperature (150°C). Stainless steel shaft. Designed with high resistance fatigue fracture.
Available in Ex version for use in potentially explosive atmosphere (ATEX certifications: II2G Ex db k IIB T4 or IECEx: Ex db IIB T4 Gb).

Impeller type: FKV: Vortex.
FKC: Single channel.
Solid handling: 65 ÷ 100 mm
Nominal power: 1,1 ÷ 11 kW
Outlet: DN 65 / 80 / 100 / 150
Perfomance range: from 4.3 to 280 m^3/h with 41 meters head.
Fluid: wastewater and sewage from buildings and sites in private, commercial, industrial areas.
Fluid PH: 6.5 ÷ 12.
Fluid temperature range: from 0° to +40°C.
For higher temperature please contact our sale offices.
Max installation depth: 20 mt (with a proper cable length).
Type of installation: fixed by Coupling Unit, portable in vertical position with pedestal. Continuous working with total submerged applications, or discontinuous S3 with respect of minimum levels.
Approvals: EN 12050-1 e Ex (ATEX , IECEx).
Degree of protection: IP 68
Insulation class: F
Max starting /hours: 20

ACCESSORIES PAG. 237
PANELS PAG. 247

ENERGY EFFICIENCY IE3

NEW IE3 MOTORS

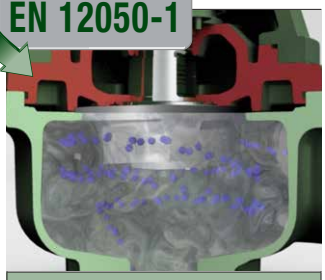
The new **IE3 premium efficiency motors** drastically reduce energy operation costs. Given the low running temperatures, it is guaranteed their operation up to 40°C, for higher temperatures please contact the sales department.
Thermal protection is standard and they have an insulation class equas to F.

PATENTED DAB PATENTED

SINGLE-UNIT CARTRIDGE SEAL

A single-unit cartridge seal is a great advantage for maintenance of the pump as allows the removal and insertion of the seals in less time, having a total guarantee to carry out properly. It's an **exclusive patent DAB:** a double mechanical seal Sic-Sic with opposite faces, independent from the rotation direction of shaft, with Viton elastomers and leap seal.

EN 12050-1



NEW NO-CLOGGING VORTEX IMPELLER

The guarantee of operation comes before efficiency. A new design of the Vortex impellers and the total solid handling are respectively the two guarantees to have no-clogging issues.

Compliant with EN 12050-1

EN 12050-1

NEW SINGLE CHANNEL HYDARULICS

The new high efficiency single-channel hydraulic has been designed especially for continuous wastewater operations with high flow demand and low fiber content.

Compliant with EN 12050-1

TECHNICAL DATA - FKV 65

MODEL	STANDARD	OIL SENSOR	Ex (ATEX)
	CODE	CODE	CODE
FKV 65.11.4 T5	60172586	60176718	60178992
FKV 65 22.2 T5	60171422	60176719	60178993
FKV 65 30.2 T5	60170389	60176720	60176081
FKV 65 40.2 T5	60171423	60172163	60178994

ELECTRICAL DATA					HYDRAULIC DATA										DNM	FREE PASSAGE mm	WEIGHT KG
VOLTAGE 50 Hz	P1 MAX kW	P2 NOM. kW	P2 NOM. HP	In A	Q=m³h	0	8	16	23	31	39	47	55	62	72			
					Q=l/min	0	130	260	390	520	650	780	910	1040	1200			
3x400 V DOL	1,3	1,1	1,5	3,3	H (m)	9,1	8,7	7,7	6,4	4,9	3,4	2,2				65	55	94
3x400 V DOL	2,5	2,2	3	4,8		16,5	14,1	11,4	8,5	5,8	3,5	2,1				65	65	94
3x400 V DOL	3,3	3	4	5,7		21,1	19,3	16,6	13,4	10,0	6,9	4,3	2,6			65	65	94
3x400 V DOL	4,6	4	5,5	7,5		27,2	25,8	23,5	20,6	17,2	13,7	10,3	7,2	4,8	3,0	65	65	143

TECHNICAL DATA - FKV 80

MODEL	STANDARD	OIL SENSOR	Ex (ATEX)
	CODE	CODE	CODE
FKV 80 11.4 T5	60171443	60176715	60178995
FKV 80 15.4 T5	60171444	60176716	60178996
FKV 80 22.4 T5	60170418	60176717	60178997
FKV 80 40.4 T5	60171445	60172165	60178998
FKV 80 40.2 T5	60171424	60172158	60178999
FKV 80 60.2 T5	60171425	60172166	60179000
FKV 80 75.2 T5	60170434	60172167	60179001
FKV 80 92.2 T5	60171426	60172168	60179002
FKV 80 110.2 T5	60170429	60172169	60179003

ELECTRICAL DATA					HYDRAULIC DATA											DNM	FREE PASSAGE mm	WEIGHT KG
VOLTAGE 50 Hz	P1 MAX kW	P2 NOM. kW	P2 NOM. HP	In A	Q=m³h	0	12	24	36	48	60	72	84	96	108			
					Q=l/min	0	200	400	600	800	1000	1200	1400	1600	1800			
3x400 V DOL	1,3	1,1	1,5	3,5	H (m)	7,0	6,3	5,0	3,6	2,1						80	80	103
3x400 V DOL	1,3	1,1	1,5	3,5		9,3	9,0	7,8	6,1	4,2	2,7	1,9				80	80	103
3x400 V DOL	1,3	1,1	1,5	3,5		11,5	11,4	10,5	9,1	7,3	5,4	3,7				80	80	104
3x400 V DOL	1,3	1,1	1,5	3,5		17,5	16,7	15,5	14,0	12,4	10,7	9,0	7,4			80	80	172
3x400 V DOL	4,6	4	5,5	7,7		22,1	20,1	16,5	12,2	8,0	4,6	2,9				80	80	148
3x400 V Y/D	6,9	6	8,2	11,7		29,1	27,5	24,4	20,3	15,7	11,4	7,9				80	80	152
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	152
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	202
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	202

TECHNICAL DATA - FKV 100

MODEL	STANDARD	OIL SENSOR	Ex (ATEX)
	CODE	CODE	CODE
FKV 100 30.4 T5	60171446	60172170	60179004
FKV 100 40.4 T5	60171447	60172171	60179005
FKV 100 55.4 T5	60171448	60172172	60179006
FKV 100 75.4 T5	60170428	60172173	60179007

ELECTRICAL DATA					HYDRAULIC DATA											DNM	FREE PASSAGE mm	WEIGHT KG
VOLTAGE 50 Hz	P1 MAX kW	P2 NOM. kW	P2 NOM. HP	In A	Q=m³h	0	15	30	45	60	75	90	105	126	144			
					Q=l/min	0	250	500	750	1000	1250	1500	1750	2100	2400			
3x400 V DOL	3,5	3	4	8	H (m)	11,8	10,9	9,6	8,0	6,2	4,6	3,1				100	100	166
3x400 V DOL	4,5	4	5,5	8,9		14,0	13,1	11,9	10,4	8,8	7,1	5,4	3,9			100	100	166
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	220
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	220

Power input: 3x400V DOL direct start-up, 3x400V Y/D star-delta start-up.
All models are available with 230V power input voltage and Y/D or DOL start-up.

TECHNICAL DATA - FKC 65

MODEL	STANDARD	OIL SENSOR	Ex (ATEX)
	CODE	CODE	CODE
FKC 65 22.2 T5	60176795	60180431	60180454
FKC 65 30.2 T5	60176857	60180439	60180462

ELECTRICAL DATA					HYDRAULIC DATA											DNM	FREE PASSAGE mm	WEIGHT KG
VOLTAGE 50 Hz	P1 MAX kW	P2 NOM. kW	P2 NOM. HP	In A	Q=m³h	0	9,6	19,2	28,8	38,4	48	57,6	67,2	76,8	90			
					Q=l/min	0	160	320	480	640	800	960	1120	1280	1500			
3x400 V DOL	2,6	2,2	3	4,8	H (m)	20,0	17,1	14,8	12,8	11,2	9,7	8,3	6,8	5,3	2,8	65	50	93
3x400 V DOL	3,4	3	4,1	5,8		26,5	22,6	19,4	16,7	14,6	12,8	11,2	9,8	8,2	5,8	65	50	93

TECHNICAL DATA - FKC 80

MODEL	STANDARD	OIL SENSOR	Ex (ATEX)
	CODE	CODE	CODE
FKC 80 15.4 T5	60176796	60180432	60180455
FKC 80 22.4 T5	60176858	60180440	60180463
FKC 80 30.4 T5	60176871	60180443	60180466
FKC 80 40.4 T5	60176872	60180444	60180467
FKC 80 55.4 T5	60176854	60180437	60180460
FKC 80 75.4 T5	60176855	60180438	60180461

ELECTRICAL DATA					HYDRAULIC DATA											DNM	FREE PASSAGE mm	WEIGHT KG
VOLTAGE 50 Hz	P1 MAX kW	P2 NOM. kW	P2 NOM. HP	In A	Q=m³h	0	21	42	63	84	105	126	147	168	189			
					Q=l/min	0	350	700	1050	1400	1750	2100	2450	2800	3150			
3x400 V DOL	1,8	1,5	2,1	3,5	H (m)	8,9	7,4	6,2	5,0	3,8	2,5					80	80	105
3x400 V DOL	2,6	2,2	3	4,7		13,9	11,3	9,3	7,6	6,2	4,7	2,9				80	80	105
3x400 V DOL	3,6	3	4,1	7,6		13,9	11,8	10,1	8,7	7,4	6,1	4,7	3,0			80	80	165
3x400 V DOL	4,7	4	5,5	8,9		17,4	15,0	13,1	11,5	10,2	8,9	7,6	6,2			80	80	164
3x400 V Y/D	6,3	5,5	7,5	8,6		21	18,8	16,8	15,1	13,5	12	10,6	9,3	7,9		80	80	217
3x400 V Y/D	8,1	7,5	10,3	14,1		24,6	21,9	19,7	17,8	16	14,5	13	11,5	9,8	8	80	80	218,6

TECHNICAL DATA - FKC 100

MODEL	STANDARD	OIL SENSOR	Ex (ATEX)
	CODE	CODE	CODE
FKC 100 15.4 T5	60176859	60180441	60180464
FKC 100 22.4 T5	60176860	60180442	60180465
FKC 100 30.4 T5	60176873	60180445	60180468
FKC 100 40.4 T5	60176874	60180446	60180469
FKC 100 55.4 T5	60176850	60180434	60180457
FKC 100 75.4 T5	60176851	60180435	60180458

ELECTRICAL DATA					HYDRAULIC DATA											DNM	FREE PASSAGE mm	WEIGHT KG
VOLTAGE 50 Hz	P1 MAX kW	P2 NOM. kW	P2 NOM. HP	In A	Q=m³h	0	30	60	90	120	150	180	210	240	288			
					Q=l/min	0	500	1000	1500	2000	2500	3000	3500	4000	4800			
3x400 V DOL	1,8	1,5	2,1	3,9	H (m)	8,9	6,8	5,0	3,3							100	100	106
3x400 V DOL	2,6	2,2	3	4,7		14,1	10,7	8,1	6,0	3,9						100	100	106
3x400 V DOL	3,7	3	4,1	7,7		9,8	9,0	7,9	6,8	5,5	4,2	3,0				100	100	172
3x400 V DOL	4,4	4	5,5	8,6		13,1	11,4	9,8	8,3	6,9	5,4	4,0				100	100	172
3x400 V Y/D	6,1	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	205
3x400 V Y/D	8,4	7,5	10,3	14,6		22,5	20,1	18	16	14,2	12,5	10,9	9,2	7,5	4,6	100	100	205

TECHNICAL DATA - FKC 150

MODEL	STANDARD	OIL SENSOR	Ex (ATEX)
	CODE	CODE	CODE
FKC 150 30.4 T5	60177074	60180448	60180471
FKC 150 40.4 T5	60176875	60180447	60180470
FKC 150 55.4 T5	60176852	60180436	60180459
FKC 150 75.4 T5	60176853	60180433	60180456

ELECTRICAL DATA					HYDRAULIC DATA											DNM	FREE PASSAGE mm	WEIGHT KG
VOLTAGE 50 Hz	P1 MAX kW	P2 NOM. kW	P2 NOM. HP	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			
3x400 V DOL	3,7	3	4,1	7,8	H (m)	9,7	8,7	7,6	6,3	5,0	3,5	2,1				150	100	175
3x400 V DOL	4,5	4	5,5	8,7		13,3	11,4	9,8	8,1	6,6	5,0	3,3	1,5			150	100	175
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	222,2
3x400 V Y/D	8,4	7,5	10,3	14,7		22,5	19,6	17,2	15	13,1	11,4	9,7	8,1	6,3	4,3	150	100	224

Power input: 3x400V DOL direct start-up, 3x400V Y/D star-delta start-up.
All models are available with 230V power input voltage and Y/D or DOL start-up.

ACCESSORIES AND OPTIONS

RINGSTAND	FKV 65/80	FKV 100	FKC 65	FKC 80	FKC 100 up to 2.2 kW	DESCRIPTION	CODE	WEIGHT Kg
			●			**RINGSTAND Ø325 FK**	60170329	10,5
	●					**RINGSTAND Ø330 FK**	60170330	10,5
		●		●	●	**RINGSTAND Ø355 FK**	60170331	11,4

MODEL	CODE
CABLE 20MT - 4G1.5+3X1 07RN8-F	on request
CABLE 30MT - 4G1.5+3X1 07RN8-F	on request
CABLE 50MT - 4G1.5+3X1 07RN8-F	on request
CABLE 20MT - 7G2,5+3X1 07RN8-F	on request
CABLE 30MT - 7G2,5+3X1 07RN8-F	on request
CABLE 50MT - 7G2,5+3X1 07RN8-F	on request
OR FKM (VITON®)	on request

FEKA 6200/ 6300/ 8100/ 8200/ 8300

SEWAGE PUMPS

FEKA 6200

SINGLE CHANNEL IMPELLER

FEKA 8000

THREE VANE IMPELLER

SEWAGE AND WASTE WATER

Cast iron submersible pumps with vortex impeller for sewage single channel impeller (6000 vers.) and three vane impeller (8000 vers.), suitable for foul waste water with solid contents with **80-108 mm** as maximum diameter.
Motor body, hydraulic section and any impeller in cast iron EN GJL 200.
Double mechanical seals in oil chamber: motor side carbon/steel, pump side in silicon carbide/silicon carbide. Oil chamber with water level detector kit.
Dry type asynchronous sealed motor. Rotor mounted on ball bearings to ensure silent running and long life. Thermal and overcurrent protection are installed in the motor windings as standard.

Motor protection rating: IP 68
Insulation class: F
Continuous duty with completely immersed pump.
Supplied as standard with **10 metre H07RN-F** power cable.
Free passage: 80-108 mm.
Operating range: from 36 to 780 m³/h with head up to 28 mt.
Liquid quality requirements: Non-aggressive sewage, drain water
Free passage: 150 mm.
Liquid temperature range: From 0° to + 40°.
Maximum immersion depth: 20 mt
Installation: in vertical position.

ACCESSORIES PAG. 237
PANELS PAG. 247

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA						HYDRAULIC DATA																					DNM	FREE PASSAGE mm
		VOLTAGE 50 HZ	STA.	P1 MAX kW	P2 NOMIN. kW	P2 NOMIN. HP	In A	Q=m³h	0	24	36	48	60	72	90	108	126	150	180	210	240	270	300	360	420	480	600	780		
								Q=l/min	0	400	600	800	1000	1200	1500	1800	2100	2500	3000	3500	4000	4500	5000	6000	7000	8000	10000	13000		
FEKA 6200.4T	103019050	3X400 V~	Y/Δ	15,8	14,9	19,9	30	H (m)	21		20,3	20	19,5	18,8	18,2	17,4	16,2	15,5	14,1	12,8	11,8	10,2	8,4	4,2					150	95
FEKA 6250.4T	103019060	3X400 V~	Y/Δ	24	18,5	24,7	40		25		24,5	24,2	24	23,5	23	22,5	22	21,5	20,5	19,5	18,5	17	16	14	11				150	108
FEKA 6300.4T	103019070	3X400 V~	Y/Δ	23	21	28	45		26		24	23,8	23,4	23	22	21	20,5	19,8	19	18	16,8	16	14,4	12,3	8				150	108
FEKA 8150. 6T	60141737	3X400 V~	Y/Δ	11,2	8,5	11,3	22		8,53	8,05	7,83	7,6	7,45	7,3	7,15	6,9	6,7	6,45	6	5,6	5,24	4,6	4,2	3,34	2,34	1,56			200	80
FEKA 8200. 6T	60141738	3X400 V~	Y/Δ	13,4	11,4	15,2	27		11,2	18	10,5	10,3	9,97	9,7	9,5	9,2	8,8	8,46	8	7,4	6,95	6,3	5,6	4,4	3,6	2,67	1,07		200	80
FEKA 8250. 6T	60141739	3X400 V~	Y/Δ	17	13,5	18	36		14,4	14	13,7	13,5	13,2	13	12,6	12,34	12	11,52	11,1	10,6	10	9,4	8,7	7,3	6,5	5,5	3,3		200	80
FEKA 8300. 6T	60141740	3X400 V~	Y/Δ	22	19,3	25,7	46		17	16,6	16,2	16	15,6	15	14,7	14,5	14,2	13,8	13,5	13	12,4	12	11,4	10	9	7,6	5	2,6	200	80

GENIX
AUTOMATIC LIFTING STATIONS

WASTE WATER

discover **GENIX**
www.dabpumps.com/genix

Its use is needful whenever the wastewater coming from the WC, the shower, the washbasin or the bidet cannot be expelled by gravity. These lifting stations can be installed wherever there is the wish to add a toilet during new installations or constructions, renovations, or structural modifications. In the model 110, beside the WC, an additional line can be connected, such as the washbasin. In the model 130, beside the WC, three more lines can be connected, such as shower, washbasin and bidet. The models offered stand out for silent running, even more improved in the Comfort version. The pump, powerful and reliable, and the grinding system, with blades in nickel plated stainless steel, make together a long lasting and basically daily maintenance-free product. Extremely easy the maintenance in case of clog or motor blocking, with the possibility to dismount the motor subassembly only operating on two screws, and with the unique discharge tap that will allow a clean, and free of problems, maintenance. The non-return valves are integrated in the delivery pipe, and for the 130 models in the lateral bottom inlets. Available, as accessories, an acoustic alarm anti-flooding and an adaptor pipe, to adapt the GENIX to a vast majority of existing installations.

Liquid temperature range:
From 0° to +50°C.
Liquid pumped:
Sewage water containing fecal matter as regulated by EN 12050-3.
Third parts certifications: VDE-GS, LGA, VDE-EMC.
Tank capacity and delivery: approved for flush volumes of 6 and 9 liters as regulated by EN 12050-3.
International Protection grade: IP44.

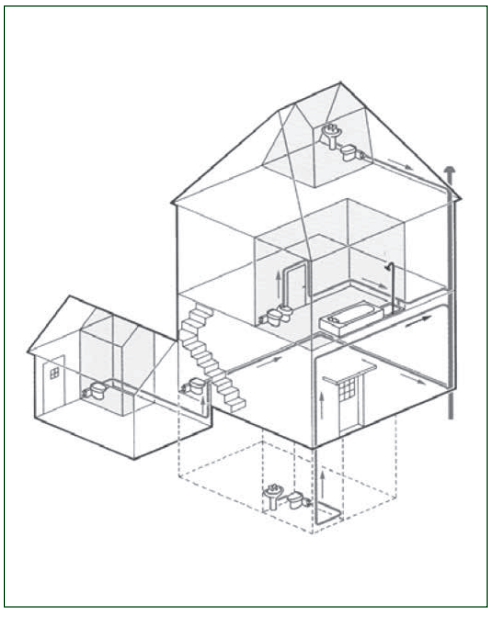
TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA								H max ACCORDING EN12050-3 (m)	ADDITIONAL INLETS	DNM mm	WEIGHT KG
		VOLTAGE 50 HZ	P2 NOMINAL		In A	Q=m³h	0	0,9	1,8	3	4,2	5,4	5,7				
			kW	HP		Q=l/min	0	15	30	50	70	90	95				
GENIX 110	60165319	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	60161880	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	60165322	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	60165318	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

ACCESSORIES

ACUSTIC ALARM 60166477

HOSE ADAPTOR 60168126



AE

NOVABOX

SMALL LIFTING STATIONS FOR AUTOMATIC COLLECTING AND PUMPING SEWAGE

CE

WASTE WATER

Automatic stations for collecting and lifting domestic waste water from bath tubs, wash basins, showers and washing machines located in basements or below the level of the sewage network.
Equipped with a NOVA 300 electropump with 5 metres of power cable and plug mounted on a technopolymer plate, a 30-litre container in technopolymer and a check valve on delivery.
Supplied with pump already assembled, ready to use.

Operating range: from 1 to 7,2 m³/h with head up to 6.9 metres
Liquid temperature range: +50°C +90°C for a max. time of 3 min.
Pumped liquid: waste water free from solids and/or fibres
Pump motor protection level: IP 68
Motor insulation class: F

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA		WEIGHT KG
		VOLTAGE 50 Hz	P1 MAX KW	P2 NOMINAL		In A	Q m³/h	H m	
				kW	HP				
NOVABOX 30/300.1M - SV	503110334	1x220-240 V ~	0,29	0,22	0,3	1,3	1 -7,2	6,3 - 1	9,2

CK

FEKABOX 110

AUTOMATIC PUMPING STATION

CE

WASTE WATER COLLECTION AND LIFTING

Automatic collection and lifting stations. Ideal for the collection and pumping into the sewer network of dirty and domestic drain waste water from underground locations below the level of the sewer network. FEKABOX 110 consists of a polyethylene tank with an effective capacity of 110 litres, with cover fitted with plastic seal.
The FEKABOX range is ready for the use of only one single-phase automatic pump with float that must be ordered separately, without the need for a control panel.

Operating range:
from 1 to 24 m³/h with head up to 9 m.
Liquid temperature range: + 50°C.
Pumped liquid:
waste water and domestic drains.
Liquids compatible with EN12050 2.
COMPONENTS INCLUDED:
- Complete pump installation kit
- Cable gland for individual pump
- 2" F x 1 x ¼ M connector for FEKA 600

SELECTION TABLE | PAG. 232

TECHNICAL DATA

MODEL	CODE	CAPACITY [lt]	DIMENSION mm	TO BE USED WITH	DN PIPES [mm]	WEIGHT Kg.
FEKABOX 110	60164870	110	650x400x655	FEKA 600 MA, FEKA VS 550-750 MA	3xDN110, 2xDN50 inlet 1xDN50 ventilation 1xDN40 emergengy emptying	10,3

Pump and control panel must be ordered separately.

NEW FEKABOX - FEKAFOS RANGE

example

SELLING POINT
Certification according to European law 12050-1 to guarantee the watertight seal from odors and leaks
Light, but resistant to chemical and mechanical stress
Designed for easy installation and maintenance of the pump thanks to the lifting device
Tightening of the lid without the use of screws
The tank material is environmentally friendly, 100% recyclable
Designed with floats and a supplementary floating overflow alarm
The only one on the market that offers a complete professional solution with double pump also for domestic installations where space and cost are contained (FEKAFOS DOUBLE)

CK

FEKABOX 200

AUTOMATIC PUMPING STATION

CE

WASTE WATER COLLECTION AND LIFTING

Tanks for domestic waste water arriving from drainage systems of various types or storm drains, for systems located below the sewer network such as garages or basements, when the sewers cannot be reached by gravity. The pump installed in the tank allows the waters to be conveyed into the sewer. The tank has numerous possibilities for connecting pipes at input, output and ventilation, allowing adequate use even in limited spaces. A grinder pump can also be installed in the tank, able to break up any foreign bodies in the waste water and project them at long distances.

The FEKABOX is designed for use with just one automatic single-phase pump with float switch, which must be ordered separately.

COMPONENTS INCLUDED:
- A lifting device 2" PP and anti-rotation bracket for FEKA VS
- Cable gland for single pump
- Connection 2" F x 1 x 1/4 M per FEKA 600
- Floating cable clamp kit FEKA VS

Operating range: from 1 to 24 m³/h with a head of up to 15 mt.
Maximum liquid temperature range: 45°C
Pumped liquid: ground water, rain water, clear waste water, black waste water and water from rivers and lakes. Liquids compatible with EN12050-1/2
Installation: Inside or outside the building. Laid on the floor, under the ground or housed.
Material: LLDPE

SELECTION TABLE | PAG. 232

TECHNICAL DATA

MODEL	CODE	CAPACITY [lt]	DIMENSION mm	TO BE USED WITH	DN PIPES [mm]	WEIGHT Kg.
FEKABOX 200	60162080	200	750x600x779	FEKA 600 M-A, FEKA VS 550-750-1000-1200 M-A	DN 50/110 inlet DN 50 ventilation G2" outlet	23,2

Pump and control panel must be ordered separately.

FEKAFOS 280
AUTOMATIC PUMPING STATION

WASTE WATER COLLECTION AND LIFTING

Tanks for domestic waste water arriving from drainage systems of various types or storm drains, for systems located below the sewer network such as garages or basements, when the sewers cannot be reached by gravity. The pump installed in the tank allows the waters to be conveyed into the sewer. The tank has numerous possibilities for connecting pipes at input, output and ventilation, allowing adequate use even in limited spaces. A grinder pump can also be installed in the tank, able to break up any foreign bodies in the waste water and project them at long distances.

The FEKAFOS is designed for use with one non-automatic singlephaseor three-phase pumps without float switch, which must be ordered separately together with the control panel.

COMPONENTS INCLUDED:
- A lifting device DSD2" and anti-rotation bracket for FEKA VS
- 4 Cable glands for single pump and floats
- Connection 2" F x 1 x 1/4 M per FEKA 600
- Floating cable clamp kit FEKA VS
- 2 floating and floating alarm support

Material: LLDPE
Operating range: from 1 to 48 m³/h with a head of up to 23 mt.
Maximum liquid temperature range: + 45°C
Pumped liquid: ground water, rain water, clear waste water, black waste water and water from rivers and lakes. Liquids compatible with EN12050-1/2
Installation: Inside or outside the building. Laid on the floor, under the ground or housed.

SELECTION TABLE | PAG. 232

TECHNICAL DATA

MODEL	CODE	CAPACITY [lt]	DIMENSION mm	TO BE USED WITH **	DN PIPES [mm]	WEIGHT Kg.
FEKAFOS 280 2"	60162044	280	750x600x940	FEKA VS 550-750-1000-1200 M-NA/T-NA, FEKA 1400 M- 1800 T, GRINDER 1000-1200-1600 T, GRINDER 1000-1200 M-NA/T, GRINDER 1400 M-1800 T, FEKA 2015.2 M-NA/T-NA, FEKA 2025.2 T-NA, FEKA 2030.2 T-NA,	DN 50/110 inlet DN 50 ventilation G2"outlet	40,5

Pump and control panel must be ordered separately.
** To install FEKA 2000, the FEKAFOS 280 support kit is required, code 60174311

FEKAFOS 280 DOUBLE
AUTOMATIC PUMPING STATION

WASTE WATER COLLECTION AND LIFTING

Tanks for domestic waste water arriving from drainage systems of various types or storm drains, for systems located below the sewer network such as garages or basements, when the sewers cannot be reached by gravity. The pump installed in the tank allows the waters to be conveyed into the sewer. The tank has numerous possibilities for connecting pipes at input, output and ventilation, allowing adequate use even in limited spaces. A grinder pump can also be installed in the tank, able to break up any foreign bodies in the waste water and project them at long distances.

The FEKAFOS is designed for use with two (double models) non-automatic singlephase or three-phase pumps without float switch, which must be ordered separately together with the control panel.

COMPONENTS INCLUDED:
- 2A lifting devices DSD2" and anti-rotation bracket for FEKA VS
- 6 Cable glands for double pump and floats
- 2 Floating cable clamp kits FEKA VS
- 3 floating and floating alarm support

Materials : LLDPE
Operating range: from 1 to 36 m³/h with a head of up to 25 mt.
Maximum liquid temperature range: + 45°C
Pumped liquid: ground water, rain water, clear waste water, black waste water and water from rivers and lakes.
Installation: Inside or outside the building. Laid on the floor, under the ground or housed.
Liquids compatible with EN12050-1/2

SELECTION TABLE | PAG. 232

TECHNICAL DATA

MODEL	CODE	CAPACITY [lt]	DIMENSION mm	TO BE USED WITH	DN PIPES [mm]	WEIGHT Kg.
FEKAFOS 280 2" DOUBLE	60163426	280	750x600x940	FEKA VS 550-750-1000-1200 M-NA/T-NA, FEKA 1400 M- 1800 T, GRINDER 1000-1200-1600 T, GRINDER 1000-1200 M-NA/T, GRINDER 1400 M-1800 T	DN 50/110 inlet DN 50 ventilation G2" outlet	53,7

Pump and control panel must be ordered separately.

FEKAFOS 550 DOUBLE

AUTOMATIC PUMPING STATION

CE

WASTE WATER COLLECTION AND LIFTING

Automatic collection and lifting stations, used for the collection and pumping of civil and industrial waste water into the sewer network.
They consist of a high density 550 litre polyethylene tank with 2 covers that can be walked on (maximum weight 100 kg), fitted with hermetic seals that prevent gases and liquids from escaping. Supplied with 2 lifting devices (DSD2), to facilitate pump maintenance.
The FEKABOX range is ready for the use of one or two single-phase non-automatic pumps, or three-phase without float, which must be ordered separately, in conjunction with the control panel.

COMPONENTS INCLUDED:
- 2 DSD2" lifting devices and rotation prevention bracket for FEKA VS
- 6 cable glands for double pump and floats
- 2 FEKA VS float cable stop kits
- 3 floats and alarm float support

Material: LLDPE
Operating range:
from 1 to 32 m^3/h with head up to 23 m.
Liquid temperature range: + 45°C.
Pumped liquid: ground water, rain water, clear waste water, grey waste water, and river or lake water. Liquids compatible with EN12050 1/2.
Installation: Secured to the floor if inside a building. Underground if outside the building.
It cannot be driven on, but it can be walked on, maximum weight 100 kg.

SELECTION TABLE | PAG. 232

TECHNICAL DATA

MODEL	CODE	CAPACITY [lt]	DIMENSION mm	TO BE USED WITH **	DN PIPES [mm]	WEIGHT Kg.
FEKAFOS 550 DOUBLE	60166306	550	770x1200x945	FEKA VS 550-750-1000-1200 M-NA/T GRINDER 1000-1200-1600 T, GRINDER 1400 M-1800 T FEKA 1400 M-1800 T, FEKA 2015 - 2030.2TNA	2xDN110 inlet 1xDN50 ventilation	94

Pump and control panel must be ordered separately.

** To install FEKA 2000, the FEKAFOS 550 support kit is required, code 60174813

FEKAFOS 1200 - 2000 - 3800

AUTOMATIC PUMPING STATION

CE

WASTE WATER COLLECTION AND LIFTING

Automatic collection and lifting stations. Used for pumping civil and industrial waste water when the sewer network is at a higher level, and natural drainage by gravity is not possible.
They consist of a high density and highly robust 1200, 2000, 3800 litre polyethylene tank with inspection cap that can be walked on, with double hermetic seal that prevents gases and liquids from escaping.
The FEKABOX range is ready for the use of one or two single-phase non-automatic pumps, or three-phase without float, which must be ordered separately, in conjunction with the control panel.

Complete with: DN 50 or DN 65 lifting device (DN 80 available on request, with dedicated tank configuration) 3 bulb floats and DN 160 input manifold. Alarm float available on request.
Ball check valves installed on the inside. To enable correct and easy maintenance of the same, there is the possibility of ordering a separate polyethylene well with 2 check valves, and 2 gate valves ready for configuration with the Fekafos tank. (see Accessories).
The height of the input of the tank can be adjusted thanks to a 300 mm elevation to be specified with the order (see Accessories).
Operating range:
from 1 to 48 m^3/h with head up to 25 m.
Liquid temperature range: + 50°C.
Pumped liquid: ground water, rain water, clear waste water, grey waste water, and river or lake water.

SELECTION TABLE | PAG. 232

TECHNICAL DATA

MODEL	CODE
FEKAFOS 1200 CP 2"	60148424
FEKAFOS 1200 CP DN 65	60148584
FEKAFOS 2000 CP 2"	60148585
FEKAFOS 2000 CP DN 65	60148586
FEKAFOS 3800 CP 2"	60148588
FEKAFOS 3800 CP DN 65	60148589

CAPACITY lt	DIMENSION mm	TO BE USED WITH	DN PIPES [mm	WEIGHT Kg
1200	ø 1250 x 1420	FEKA VS 550-750-1000-1200 T/M-NA FEKA 1400 M-1800 T FEKA 2015-2025-2030 2T GRINDER 1000-1200 -1600 T GRINDER 1400 M-1800 T	1xDN125 inlet 1x 2" ventilation	110
1200	ø 1250 x 1420	FEKA 2500 4T, FEKA 2500-2515-2700 2T	1xDN125 inlet 1x 2" ventilation	110
2000	ø 1250 x 2300	FEKA VS 550-750-1000-1200 T/M-NA FEKA 1400 M-1800 T FEKA 2015-2025-2030 2T GRINDER 1000-1200 -1600 T GRINDER 1400 M-1800 T	1xDN125 inlet 1x 2" ventilation	150
2000	ø 1250 x 2300	FEKA 2500 4T, FEKA 2500-2515-2700 2T	1xDN125 inlet 1x 2" ventilation	150
3800	ø 1800 x 1860	FEKA VS 550-750-1000-1200 T/M-NA FEKA 1400 M-1800 T FEKA 2015-2025-2030 2T GRINDER 1000-1200 -1600 T GRINDER 1400 M-1800 T	1xDN125 inlet 1x 2" ventilation	170
3800	ø 1800 x 1860	FEKA 2500 4T, FEKA 2500-2515-2700 2T	1xDN125 inlet 1x 2" ventilation	170

Pump and control panel must be ordered separately.

FEKAFOS MAXI 1200-3600

FK PUMP AUTOMATIC LIFTING STATION

Automatic collection and lifting station ready for use with pumps of the FK range.
Suitable for lifting clear and rain water, as well as water loaded with civil and industrial waste. It consists of a cylindrical polyethylene monobloc, and an appropriately shaped bottom for the housing of the pump and for avoiding water stagnation. The upper rectangular opening has an anti-intrusion grid and polyethylene covers with locking system and smell prevention seals.
1200 l to 3600 l capacity tank available, with adjustable distance of the inlet pipe from the walking surface.
The station can be equipped with FK range vortex or single-channel sewage water pumps with maximum delivery diameter DN80.
Including: coupling feet for the housing of 2 pumps, inlet and outlet piping, bleeding systems, cable glands, floats, stainless steel sheets, anti-intrusion grid and cover with lock.
Available on request: upper structure that can be driven on, inlet pre-filtering grid, polyethylene valve operation chamber with connection piping, gate valves, spheroidal cast iron check valves.

TECHNICAL DATA

MODEL	CAPACITY lt	DIMENSION Ø mm	TO BE USED WITH
FEKAFOS 1200 MAXI - DN 65	1200	1250x1420	FKV 65 FKC 65
FEKAFOS 2200 MAXI - DN65	2200	1250x2320	
FEKAFOS 3600 MAXI - DN65	3600	1250x3670	
FEKAFOS 1200 MAXI - DN80	1200	1250x1420	FKV 80 FKC 80
FEKAFOS 2200 MAXI - DN80	2200	1250x2320	
FEKAFOS 3600 MAXI - DN80	3600	1250x3670	

For more information contact our sales distribution network.

STATION MODEL	CODE	PUMP MODEL	CODE
FEKABOX 110	60164870	**FEKA 600 M-A SV**	103002774
		FEKA VS 550 M-A	103040000
		FEKA VS 750 M-A	103040040
FEKABOX 200	60162080	**FEKA 600 M-A SV**	103002774
		FEKA VS 550 M-A	103040000
		FEKA VS 750 M-A	103040040
		FEKA VS 1000 M-A	103040080
		FEKA VS 1200 M-A	103040120

FEKABOX 110

FEKABOX 200

Tank, pump and control panel are supplied separately and must be ordered separately.

STATION MODEL	CODE	PUMP MODEL	CODE	CONTROL PANEL MODEL	CODE
FEKAFOS 280 2"	60162044	**FEKA VS 550 M-NA**	103040010	**ED1M**	60170005
		FEKA VS 550 T-NA	103040020	**ED1T**	108320330
		FEKA VS 750 M-NA	103040050	**ED1M**	60170005
		FEKA VS 750 T-NA	103040060	**ED1T**	108320330
		FEKA VS 1000 M-NA	103040090	**ED1,5M**	60170006
		FEKA VS 1000 T-NA	103040100	**ED1,5T**	108320340
		FEKA VS 1200 M-NA	103040130	**ED1,5M**	60170006
		FEKA VS 1200 T-NA	103040140	**ED1,5T**	108320340
		FEKA 1400 M	103010240	**ED3M 40UF**	60170012
		FEKA 1800 T	103010360	**ED1,5T**	108320340
		GRINDER 1400 M	103010440	**ED3MHS**	60170010
		GRINDER 1800 T	103010560	**ED1,5T**	108320340
		GRINDER 1000 M-NA	60141603	**ED1,5M**	60170006
		GRINDER 1000 T	60141602	**ED1,5T**	108320340
		GRINDER 1200 M-NA	60141600	**ED2M**	60170007
		GRINDER 1200 T	60141599	**ED2,5T**	108320350
		GRINDER 1600 M-NA	60141585	**ED2,4M**	60170009
		GRINDER 1600 T	60141588	**ED2,5T**	108320350
		FEKA 2015.2 M-NA	60145479	**ED1,5M**	60170006
		FEKA 2015.2 T-NA	60145480	**ED1,5T**	108320340
		FEKA 2025.2 T-NA	60145481	**ED2,5T**	108320350
		FEKA 2030.2 T-NA	60145482	**ED2,5T**	108320350

FEKAFOS 280

Tank, pump and control panel are supplied separately and must be ordered separately.

* To install FEKA 2000, the FEKAFOS 280 support kit is required, code 60174311

STATION MODEL	CODE	PUMP MODEL	CODE	CONTROL PANEL MODEL	CODE	CONTROL PANEL MODEL	CODE
FEKAFOS 280 DOUBLE	60163426	FEKA VS 550 M-NA	103040010	E2D2M	60170021	E.BOX PLUS D	60163217
		FEKA VS 550 T-NA	103040020	E2D2T	108320440		
		FEKA VS 750 M-NA	103040050	E2D2M	60170021		
		FEKA VS 750 T-NA	103040060	E2D2T	108320440		
		FEKA VS 1000 M-NA	103040090	E2D3M	60170025		
		FEKA VS 1000 T-NA	103040100	E2D3T	108320450		
		FEKA VS 1200 M-NA	103040130	E2D3M	60170025		
		FEKA VS 1200 T-NA	103040140	E2D3T	108320450		
		FEKA 1400 M	103010240	E2D6M 40UF	60170023	E.BOX 2D 40UF + KIT COND. 40UF	60163217 60169268
		FEKA 1800 T	103010360	E2D3T	108320450	E.BOX PLUS D	60163217
		GRINDER 1400 M	103010440	E2D6M HS	60170024	-	-
		GRINDER 1800 T	103010560	E2D3T	108320450	E.BOX PLUS D	60163217
		GRINDER 1000 M-NA	60141603	E2D3M	60170025		
		GRINDER 1000 T	60141602	E2D3T	108320450		
		GRINDER 1200 M-NA	60141600	E2D4M	60170027		
		GRINDER 1200 T	60141599	E2D5T	108320460		
		GRINDER 1600 M-NA	60141585	E2D4,8M	60170028		
		GRINDER 1600 T	60141588	E2D5T	108320460		
FEKAFOS 550 DOUBLE	60166306	FEKA VS 550 M-NA	103040010	E2D2M	60170021	E.BOX PLUS D	60163217
		FEKA VS 550 T-NA	103040020	E2D2T	108320440		
		FEKA VS 750 M-NA	103040050	E2D2M	60170021		
		FEKA VS 750 T-NA	103040060	E2D2T	108320440		
		FEKA VS 1000 M-NA	103040090	E2D3M	60170025		
		FEKA VS 1000 T-NA	103040100	E2D3T	108320450		
		FEKA VS 1200 M-NA	103040130	E2D3M	60170025		
		FEKA VS 1200 T-NA	103040140	E2D3T	108320450		
		FEKA 1400 M	103010240	E2D6M 40UF	60170023	E.BOX 2D 40UF + KIT COND. 40UF	60163217 60169268
		FEKA 1800 T	103010360	E2D3T	108320450	E.BOX PLUS D	60163217
		GRINDER 1400 M	103010440	E2D6M HS	60170024	-	-
		GRINDER 1800 T	103010560	E2D3T	108320450	E.BOX PLUS D	60163217
		GRINDER 1000 T	60141602	E2D3T	108320450		
		GRINDER 1200 T	60141599	E2D5T	108320460		
		GRINDER 1600 T	60141588	E2D5T	108320460		
		FEKA 2015.2 T-NA *	60145480	E2D3T	108320450		
		FEKA 2025.2 T-NA *	60145481	E2D5T	108320460		
		FEKA 2030.2 T-NA *	60145482	E2D5T	108320460		

FEKAFOS 280 DOUBLE

FEKAFOS 550 DOUBLE

Tank, pump and control panel are supplied separately and must be ordered separately.
When selecting a control panel other than E.BOX PLUS D, refer to the pump & control panel selection table in the E.BOX section on pag. 243

* To install FEKA 2000, the FEKAFOS 550 support kit is required, code 60174813

STATION MODEL	CODE	PUMP MODEL	CODE	CONTROL PANEL MODEL	CODE	CONTROL PANEL MODEL	CODE
FEKAFOS 1200 CP 2"	60148424	FEKA VS 550 M-NA	103040010	E2D2M	60170021	E.BOX PLUS D	60163217
		FEKA VS 550 T-NA	103040020	E2D2T	108320440		
		FEKA VS 750 M-NA	103040050	E2D2M	60170021		
		FEKA VS 750 T-NA	103040060	E2D2T	108320440		
		FEKA VS 1000 M-NA	103040090	E2D3M	60170025		
		FEKA VS 1000 T-NA	103040100	E2D3T	108320450		
		FEKA VS 1200 M-NA	103040130	E2D3M	60170025		
		FEKA VS 1200 T-NA	103040140	E2D3T	108320450		
		FEKA 1400 M	103010240	E2D6M 40UF	60170023	E.BOX 2D 40UF + KIT COND. 40UF	60163217 60169268
		FEKA 1800 T	103010360	E2D3T	108320450	E.BOX PLUS D	60163217
		GRINDER 1400 M	103010440	E2D6M HS	60170024	-	-
		GRINDER 1800 T	103010560	E2D3T	108320450	E.BOX PLUS D	60163217
		GRINDER 1000 T	60141602	E2D3T	108320450		
		GRINDER 1200 T	60141599	E2D5T	108320460		
		GRINDER 1600 T	60141588	E2D5T	108320460		
		FEKA 2015.2 T-NA	60145480	E2D3T	108320450		
		FEKA 2025.2 T-NA	60145481	E2D5T	108320460		
		FEKA 2030.2 T-NA	60145482	E2D5T	108320460		
FEKAFOS 1200 CP DN65	60148584	FEKA 2500.4T D	103018080	E2D5T	108320460	E.BOX PLUS D	60163217
		FEKA 2515.2T D	60141726	E2D3T	108320450		
		FEKA 2500.2T D	103018000	E2D5T	108320460		
		FEKA 2700.2T D	103018040	E2D5T	108320460		
FEKAFOS 2000 CP 2"	60148585	FEKA VS 550 M-NA	103040010	E2D2M	60170021	E.BOX PLUS D	60163217
		FEKA VS 550 T-NA	103040020	E2D2T	108320440		
		FEKA VS 750 M-NA	103040050	E2D2M	60170021		
		FEKA VS 750 T-NA	103040060	E2D2T	108320440		
		FEKA VS 1000 M-NA	103040090	E2D3M	60170025		
		FEKA VS 1000 T-NA	103040100	E2D3T	108320450		
		FEKA VS 1200 M-NA	103040130	E2D3M	60170025		
		FEKA VS 1200 T-NA	103040140	E2D3T	108320450		
		GRINDER 1400 M	103010440	E2D6M HS	60170024	-	-
		GRINDER 1800 T	103010560	E2D3T	108320450	E.BOX PLUS D	60163217
		GRINDER 1000 T	60141602	E2D3T	108320450		
		GRINDER 1200 T	60141599	E2D5T	108320460		
		GRINDER 1600 T	60141588	E2D5T	108320460		
		FEKA 2015.2 T-NA	60145480	E2D3T	108320450		
		FEKA 2025.2 T-NA	60145481	E2D5T	108320460		
		FEKA 2030.2 T-NA	60145482	E2D5T	108320460		
		FEKA 1400 M	103010240	E2D6M 40UF	60170023	E.BOX 2D 40UF + KIT COND. 40UF	60163217 60169268
		FEKA 1800 T	103010360	E2D3T	108320450	E.BOX PLUS D	60163217

FEKAFOS
1200 -2000 - 3800

Tank, pump and control panel are supplied separately and must be ordered separately.
When selecting a control panel other than E.BOX PLUS D, refer to the pump & control panel selection table in the E.BOX section on pag. 243

STATION MODEL	CODE	PUMP MODEL	CODE	CONTROL PANEL MODEL	CODE	CONTROL PANEL MODEL	CODE
FEKAFOS 2000 CP DN65	60148586	**FEKA 2500.4T D**	103018080	**E2D5T**	108320460	**E.BOX PLUS D**	60163217
		FEKA 2515.2T D	60141726	**E2D3T**	108320450		
		FEKA 2500.2T D	103018000	**E2D5T**	108320460		
		FEKA 2700.2T D	103018040	**E2D5T**	108320460		
FEKAFOS 3800 CP 2”	60148588	**FEKA VS 550 M-NA**	103040010	**E2D2M**	60170021	**E.BOX PLUS D**	60163217
		FEKA VS 550 T-NA	103040020	**E2D2T**	108320440		
		FEKA VS 750 M-NA	103040050	**E2D2M**	60170021		
		FEKA VS 750 T-NA	103040060	**E2D2T**	108320440		
		FEKA VS 1000 M-NA	103040090	**E2D3M**	60170025		
		FEKA VS 1000 T-NA	103040100	**E2D3T**	108320450		
		FEKA VS 1200 M-NA	103040130	**E2D3M**	60170025		
		FEKA VS 1200 T-NA	103040140	**E2D3T**	108320450		
		GRINDER 1400 M	103010440	**E2D6M HS**	60170024	-	-
		GRINDER 1000 T	60141602	**E2D3T**	108320450	**E.BOX PLUS D**	60163217
		GRINDER 1200 T	60141599	**E2D5T**	108320460		
		GRINDER 1600 T	60141588	**E2D5T**	108320460		
		FEKA 2015.2 T-NA	60145480	**E2D3T**	108320450		
		FEKA 2025.2 T-NA	60145481	**E2D5T**	108320460		
		FEKA 2030.2 T-NA	60145482	**E2D5T**	108320460		
		FEKA 1400 M	103010240	**E2D6M 40UF**	60170023	**E.BOX 2D 40UF + KIT COND. 40UF**	60163217 60169268
		FEKA 1800 T	103010360	**E2D3T**	108320450	**E.BOX PLUS D**	60163217
FEKAFOS 3800 CP 2” DN65	60148589	**FEKA 2500.4T D**	103018080	**E2D5T**	108320460	**E.BOX PLUS D**	60163217
		FEKA 2515.2T D	60141726	**E2D3T**	108320450		
		FEKA 2500.2T D	103018000	**E2D5T**	108320460		
		FEKA 2700.2T D	103018040	**E2D5T**	108320460		

FEKAFOS 1200 -2000 - 3800

Tank, pump and control panel are supplied separately and must be ordered separately.
When selecting a control panel other than E.BOX PLUS D, refer to the pump & control panel selection table in the E.BOX section on pag. 243

NOVAIR
SUBMERGED AERATOR

AERATOR FOR SMALL WASTE WATER TREATMENT SYSTEMS

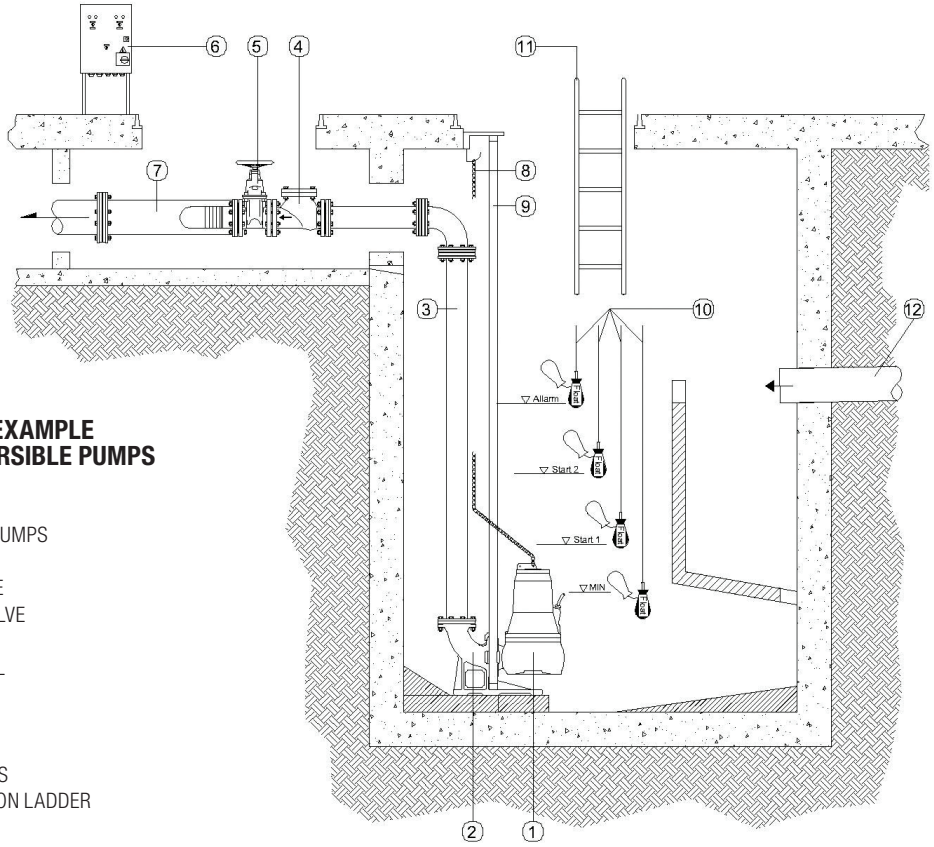
The submerged aerator is designed for liquid waste aeration in small water treatment systems. Other fields of application include pond water oxygenation and fish farms.Thanks to its specific design, the new **NOVAIR** system guarantees optimal oxygenation of water treatment plants by means of a large and thick cloud of fine bubbles. The fluid dynamics study has been mainly focused on the impeller's blade profiles, with a view to avoid damaging microorganisms present in the water when starting operation. As the aerator is installed vertically, its body is supplied with a supporting base.
Technically speaking, motor cooling is guaranteed by large contact surfaces between motor casing and the liquid. The power cable is coated with resin against humidity and leaks and cabling has been made easier, in order to favour maintenance operations and cable replacement. The excellent wear resistance of the stainless steel motor shaft, with ceramic bush around the sealing rings, guarantees long product durability. Pump body, cable cover and impeller in technopolymer. Two-pole asynchronous submergible type motor from 0.18 and 0.4 kW with built-in THERMAL PROTECTION and permanently connected capacitor installed in the cable compartment. Steel motor shaft mounted on oversized, greased sealed-forlife ball bearings with ceramic bush. Triple interposed ring seal with oil pre-chamber.

Operating range: air delivery 2 - 17 m³/h for depths from 20 – 90 cm, from the inlet axls.
Protection level : IP68
Insulating class: F
Liquid temperature range: from 0 °C to 35 °C according to EN 60335-2-41 standard for domestic use
Liquid quality requirements: sewage from septic tank fibre-less and free from solids, and clear water.
Sigle-phase: monophase: 220 – 240 V/ 50 Hz
Power cable: H07RNF8-F of 2 mt, 5mt e 10 mt and SCHUKO plug available. Supplied with gasket and 90 degrees band for vertical inlet.

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA										AIR DELIVERY MAX	DEPTH		DNM GAS	CABLE	WEIGHT	Q.TY x PALLET
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	Q AIR m³/h l/min	1	2	3	4	6	8	10	12	14	17,5	m³/h	MAX cm	MIN cm			Kg	
								16,6	33,3	50	66,6	100	133,3	166,6	200	233,3	291,6							
NOVAIR 200 M-NA	60145324	1X220- 240 V~	0,28	0,18	0,24	1,4	Prof. (cm)	80	60	45	30	20						8	80	20	1"	2 mt / H07RN8-F	3,5	32
NOVAIR 200 M-NA	60145325	1X220- 240 V~	0,28	0,18	0,24	1,4		80	60	45	30	20						8	80	20	1"	5 mt / H07RN8-F	3,5	32
NOVAIR 200 M-NA	60145507	1X220- 240 V~	0,28	0,18	0,24	1,4		80	60	45	30	20						8	80	20	1"	10 mt / H07RN8-F	3,5	32
NOVAIR 600 M-NA	60145326	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	1 ¼"	2 mt / H07RN8-F	5,4	32
NOVAIR 600 M-NA	60145327	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	1 ¼"	5 mt / H07RN8-F	5,4	32
NOVAIR 600 M-NA	60145508	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	1 ¼"	10 mt / H07RN8-F	5,4	32

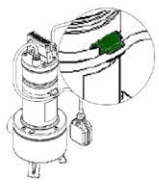
PUMPING STATIONS ACCESSORIES
PROTECTION AND CONTROL PANELS

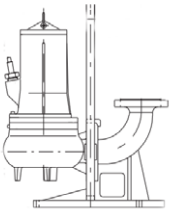


INSTALLATION EXAMPLE OF TWO SUBMERSIBLE PUMPS

KEY:

1 SUBMERSIBLE PUMPS
2 BASE ELBOW
3 DISCHARGE PIPE
4 BALL CHECK VALVE
5 GATE VALVE
6 CONTROL PANEL
7 MANIFOLD
8 LIFTING CHAIN
9 DROP PIPE
10 LEVEL SWITCHES
11 SUMP INSPECTION LADDER
12 INTAKE PIPE

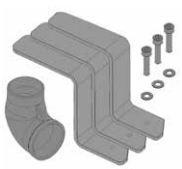
FLOATS	DRENAG / NOVA	DIG	GRINDER	FEKA	FKV	SOCCORRER	FEKABOX / FEKAFOS	DESCRIPTION		CODE
	•	•	•	•	•	•		FLOAT KEY	5 METERS	159260030
									10 METERS	159260040
									15 METERS	159260050
									20 METERS	159260070
			•	•	•		•	BULB-FLOAT	10 METERS	002718000
									20 METERS	002718001
	•	•	•	•	•	•		FLOAT SWICH COUNTERWEIGHT - 300 GR		002910501
				•			•	FLOAT CABLE STOP KIT FOR FEKA VS		147121370

LIFTING DEVICES	DRENAG / NOVA	DIG	GRINDER	FEKA	FK	FEKABOX / FEKAFOS	DESCRIPTION	CODE
	●		●	●			DSD2 - LIFTING DEVICE (MODELS 1400 - 1800 ONLY)	109530060
				●			DSD2- LIFTING DEVICE FOR FEKA VS 550-1200	109530080
				●			ANTIROTATION BRACKET FOR FEKA VS	147121490
	●						DRENAG SHIM KIT	147120680
			●	●			LIFTING UNIT FOR GRINDER AND FEKA 2000 DN 50	60149348
				●			LIFTING UNIT FOR FEKA 2500 DN 65	109530120
				●			LIFTING UNIT FOR FEKA 6000 DN 150	109530150
				●			LIFTING UNIT FOR FEKA 8000 DN 200	60141748

GUIDE TUBES NOT INCLUDED

COUPLING UNIT	DRENAG / NOVA	DIG	GRINDER	FEKA	FK	FEKABOX / FEKAFOS	DESCRIPTION	CODE
					●		DA-065 HORIZONTAL COUPLING UNIT DN65	60170310
					●		DA-V65 COUPLING UNIT DN65	60167993
					●		DA-V80 COUPLING UNIT DN80	60167994
					●		DA-V100 COUPLING UNIT DN100	60169609
					●		DA-V150 COUPLING UNIT DN150	60169610

RINGSTAND	DRENAG / NOVA	DIG	GRINDER	FEKA	FK	FEKABOX / FEKAFOS	DESCRIPTION	CODE
					●		RINGSTAND Ø325 FK	60170329
					●		RINGSTAND Ø330 FK	60170330
					●		RINGSTAND Ø355 FK	60170331

KIT BRACKET SUPPORT FEKA	DRENAG / NOVA	DIG	GRINDER	FEKA	FK	FEKABOX / FEKAFOS	DESCRIPTION	CODE
						●	KIT BRACKET SUPPORT FEKA 2000 FOR FEKAFOS 280	60174311
						●	KIT BRACKET SUPPORT FEKA 2000 FOR FEKAFOS 550 DOUBLE	60174813

PUMPING STATIONS ACCESSORIES

SHACKLE KITS	DRENAG / NOVA	DIG	GRINDER	FEKA	FK	FEKABOX / FEKAFOS	DESCRIPTION	CODE
	●		●	●	●	●	KIT CHAIN W/SHACKLE 3MT A316 MAX 150KG	60171183
							KIT CHAIN W/SHACKLE 3MT A316 MAX 350KG	60178908
							KIT CHAIN W/SHACKLE 3MT A316 MAX 700KG	60171189

ADAPTERS	DRENAG / NOVA	DIG	GRINDER	FEKA	FK	FEKABOX / FEKAFOS	DESCRIPTION	CODE
					●		FLYGT COUPLING ADAPTER DN65	60169712
					●		FLYGT COUPLING ADAPTER DN80	60169713
					●		FLYGT COUPLING ADAPTER DN100	60169715
					●		FLYGT COUPLING ADAPTER DN150	60169717
					●		COUPLING SYSTEM ADAPTOR FK65 FEKA2500	60172547
					●		COUPLING SYSTEM ADAPTOR FK80 FEKA 3000	60171768
					●		COUPLING SYSTEM ADAPTOR FK100 FEKA 4000	60171770
					●		COUPLING SYSTEM ADAPTOR FK150 FEKA 6000	60171772
					●		COUPLING SYSTEM ADAPTOR FK 65 FEKA 3000	60171774
					●		COUPLING SYSTEM ADAPTOR FK80 FEKA 4000	60171776

SUPPORT PLATE	DRENAG / NOVA	DIG	GRINDER	FEKA	FK	FEKABOX / FEKAFOS	DESCRIPTION	CODE
			●	●			KIT SUPPORT PLATE FOR: - GRINDER - FEKA 1400 - 1800 - FEKA VS	147120640

COUPLINGS	DRENAG / NOVA	DIG	GRINDER	FEKA	FK	FEKABOX / FEKAFOS	DESCRIPTION	CODE
		●					COUPLING 3" FOR DIG 3700-5500	7DIG0170
		●					COUPLING 4" FOR DIG 3700-5500	7DIG0171
		●					COUPLING 4" FOR DIG 8500 - 11000	7DIG0290
		●					COUPLING 6" FOR DIG 8500 - 11000	7DIG0291

KIT FLANGE	DRENAG / NOVA	DIG	GRINDER	FEKA	FK	FEKABOX / FEKAFOS	DESCRIPTION	CODE
				●	●		KIT FLANGE DN 65 PN16	60172458
				●	●		KIT FLANGE DN 80 PN16	60172460
				●	●		KIT FLANGE DN100 PN16	60172461

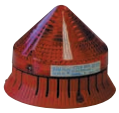
STEPS	DRENAG / NOVA	DIG	GRINDER	FEKA	FK	FEKABOX / FEKAFOS	DESCRIPTION	CODE
						●	STEP - 300 MM. HIGH (ONLY FOR FEKAFOS 1200-2000-3800)	60161282

BALL NON-RETURN VALVES	DRENAG / NOVA	DIG	GRINDER	FEKA	FK	FEKABOX / FEKAFOS	DESCRIPTION	CODE
	●			●			PVC NON-RETURN VALVE (BALL) 1" ¼ - THREADED	002130285
	●			●			PVC NON-RETURN VALVE (BALL) 1" ½ - THREADED	002130286
	●		●	●		●	PVC NON-RETURN VALVE (BALL) 2" - THREADED	002130287
	●	●	●	●	●	●	PVC NON-RETURN VALVE (BALL) 2" 1/2- THREADED	60171217
	●	●	●	●	●	●	PVC NON-RETURN VALVE (BALL) 3" - THREADED	60171218
	●						PVC NON-RETURN VALVE (BALL) 1" ¼ - THREADED	60160625
	●						NON RETURN VALVE (BALL) 1" ½ - THREADED	60160626
	●		●	●		●	NON RETURN VALVE (BALL) 2" - THREADED	60160627
	●			●	●		NON RETURN VALVE (BALL) 2" ½ - THREADED	60160628
			●	●		●	DN50 NON RETURN VALVE (BALL)	60160629
				●	●	●	DN65 NON RETURN VALVE (BALL)	60160630
				●	●		DN 80 NON RETURN VALVE (BALL)	60160631
				●	●		DN100 NON RETURN VALVE (BALL)	60160632
				●	●		DN 150 NON RETURN VALVE (BALL)	60160633
				●			DN200 NON RETURN VALVE (BALL)	60160634

REFLOW KIT	DRENAG / NOVA	DIG	GRINDER	FEKA	FK	FEKABOX / FEKAFOS	DESCRIPTION	CODE
	●		●	●		●	REFLOW KIT	538860000

GATE VALVES	DRENAG / NOVA	DIG	GRINDER	FEKA	FK	FEKABOX / FEKAFOS	DESCRIPTION	CODE
				●		●	GATE VALVE FLANGED DN 50	60163811
				●	●	●	GATE VALVE FLANGED DN 65	60163812
				●	●	●	GATE VALVE FLANGED DN 80	60163813
				●	●	●	GATE VALVE FLANGED DN 100	60163814
				●	●	●	GATE VALVE FLANGED DN 150	60163815
				●		●	GATE VALVE FLANGED DN 200	60163816

PUMPING STATIONS ACCESSORIES

ALARMS AND CONTROL	DRENAG / NOVA	DIG	GRINDER	FEKA	FK	FEKABOX / FEKAFOS	DESCRIPTION	CODE
	•	•	•	•			AS 1 CONTROL WITH ALARM DEVICE	108310000
	•	•	•	•	•	•	ACUSTIC ALARM - 230 V - 50HZ	002789002
							ACUSTIC ALARM - 24 V - 50 HZ	002789000
					•		SOCCORRER ACUSTIC & VISUAL ALLARM	60113217
	•	•	•	•	•		FLASCHING 230V 5W 50/60 HZ	60169271

PROTECTION AND CONTROL	DRENAG / NOVA	DIG	GRINDER	FEKA	FK	FEKABOX / FEKAFOS	DESCRIPTION	CODE
	•			•			CONTROL MDN (ONLY FOR GRENAG/FEKA 1400M)	108300030

TRASDUCERS	DRENAG / NOVA	DIG	GRINDER	FEKA	FK	FEKABOX / FEKAFOS	DESCRIPTION	CODE
	•	•	•	•	•		PRESSURE TRASDUCER 0-5 MT CABLE 20 MT. FOR E-BOX	60114675

E.BOX

ELECTRONIC PROTECTION AND CONTROL PANEL

e.box plus D

e.box basic

EMPTYING/FILLING - PRESSURIZATION

e.box plus is an electronic control panel for the protection and automatic operation of one or two submersible pumps or pressurizing both single-phase and three-phase, installed in domestic, civil and industrial environments.

e.box basic is an electronic control panel for the protection and automatic operation of one or two electronic submersible pumps or single-phase pressurization for domestic applications.

Nominal tension of power supply:
e.box plus 1x 230 V / 3 x 230 V - 3 x 400 V (automatic selection)
e.box basic 1x 230 V
Frequency: 50 - 60 Hz
Maximum use of power:
e.box plus 5,5 kWatt + 5,5 kWatt
e.box basic 2,2 kWatt + 2,2 kWatt
Maximum use of current: 12 A + 12 A
Starting capacitor: KIT supplied as an accessory
Limits of use ambient temperature: -10° C + 40° C
Limits of storage temperature: -25° C + 55° C
Relative humidity to the air: 90% a 20° C
Max altitude max: 1000 s.l.m.
Degree of protection: IP 55
Reference standard for the construction of the panels EN 60335-1

ACCESSORIES PAG. 244

TECHNICAL DATA

MODEL	CODE	VOLTAGE 50 HZ	STARTING	P2 NOMINAL		MAX CURRENT A	DISPLAY
				kW x2	HP x2		
E.BOX BASIC 230/50-60	60163214	1 X 230 V	DIRECT	2,2	3	12+12	-
E.BOX PLUS 230-400V/50-60	60163215	1 X 230 V	DIRECT	2,2	3	12+12	-
		3 X 230 V		3	4		
		3 X 400 V		5,5	7,5		
E.BOX BASIC D 230/50-60	60163216	1 X 230 V	DIRECT	2,2	3	12+12	•
E.BOX PLUS D 230-400V/50-60	60163217	1 X 230 V	DIRECT	2,2	3	12+12	•
		3 X 230 V		3	4		
		3 X 400 V		5,5	7,5		

DISPLAY

Thanks to the configuration wizard, installation of display versions is much simpler. Management is also much easier, thanks to the status always being visible and to a range of additional functions, such as the anti-seizing of drainage pumps, the alarm log, the language selection, and the password protected settings.

EMPTYING/FILLING FUNCTION

Ideal for piloting the pumping stations of filling / emptying the drainage of rainwater or waste water in general.

- Operation with bulb floats or standard, max 5 (2/3 for operation, 2 for alarm)
- Operation with level trasducer (0-10V / 4...20mA)
- Exchange of the starting order of the pumps at every start, every 24 hours or at predefined intervals.

ACCESSORIES

DESCRIPTION			CODE
	FLOAT KEY	5 METERS	159260030
		10 METERS	159260040
		15 METERS	159260050
		20 METERS	159260070
	BULB-FLOAT	10 METERS	002718000
		20 METERS	002718001
	PRESSURE TRASDUCER 0-5 MT-CABLE 20 MT. FOR E.BOX		60114675

DESCRIPTION		CODE
	KIT CAPACITOR 40UF	60169268
	KIT CAPACITOR 30UF	60169269
	KIT CAPACITOR 20UF	60169270
	FLASCHING 230V 5W 50/60 HZ EQUIPPED WITH A 5W INCANDESCENT BULB	60169271
	PRESS. TRAS. 16 BAR (FOR B. SETS WITH CONTR. PANEL E.BOX)	60116837

SELECTION TABLE - NOVA/DRENAG + PANELS

PUMP MODEL	CODE	VOLTAGE	P1 MAX	kW	HP	In A	START	MODEL			
								E.BOX BASIC 230/50-60	E.BOX PLUS 230-400V/50-60	E.BOX BASIC D 230/50-60	E.BOX PLUS D 230-400V/50-60
								60163214	60163215	60163216	60163217
NOVA 600 M-NA - SV	103002754	1x230 V~	0,8	0,55	0,75	3,4	DIRECT	•	•	•	•
NOVA 600 T-NA - SV	103005814	3x400 V~	0,8	0,55	0,75	1,6	DIRECT		•		•
DRENAG 1000 M-NA	103041010	1X230 V~	1,29	1	1,36	6	DIRECT	•	•	•	•
DRENAG 1000 T-NA	103041020	3X400 V~	1,18	1	1,36	2,43	DIRECT		•		•
DRENAG 1200 M-NA	103041050	1X230 V~	1,85	1,2	1,6	7,5	DIRECT	•	•	•	•
DRENAG 1200 T-NA	103041060	3X400 V~	1,65	1,2	1,6	3,24	DIRECT		•		•
DRENAG 1600 T-NA	60141711	3X400 V~	1,6	1,1	1,5	3	DIRECT		•		•
DRENAG 2000 T-NA	60141712	3X400 V~	2	1,4	1,9	4,1	DIRECT		•		•
DRENAG 2500 T-NA	60141713	3X400 V~	3,1	1,8	2,4	5,3	DIRECT		•		•
DRENAG 3000 T-NA	60141714	3X400 V~	3,5	2,2	2,9	6,2	DIRECT		•		•
DRENAG 1400 M	103010040	1X230 V~	2	1,1	1,5	9,2	DIRECT	•*	•*	•*	•*

*** needs kit capacitor 40uF 60169268**

SELECTION TABLE - DIG + PANELS

PUMP MODEL	CODE	VOLTAGE	P1 MAX	kW	HP	In A	START	MODEL			
								E.BOX BASIC 230/50-60	E.BOX PLUS 230-400V/50-60	E.BOX BASIC D 230/50-60	E.BOX PLUS D 230-400V/50-60
								60163214	60163215	60163216	60163217
DIG 1100 M-NA	60141688	1X230 V~	1,7	1,1	1,5	7,8	DIRECT	•	•	•	•
DIG 1100 T-NA	60141689	3X400 V~	1,7	1,1	1,5	3	DIRECT		•		•
DIG 1500 T-NA	60141690	3X400 V~	2,4	1,5	2	4,3	DIRECT		•		•
DIG 1800 T-NA	60141691	3X400 V~	3,2	1,8	2,4	5,3	DIRECT		•		•
DIG 2200 T-NA	60141692	3X400 V~	3,7	2,2	3	6,4	DIRECT		•		•
DIG 3700 AP T-NA	60141693	3X400 V~	4,4	3,7	5	7,7	DIRECT		•		•
DIG 3700 MP T-NA	60141695	3X400 V~	4,9	3,7	5	8,5	DIRECT		•		•

SELECTION TABLE - GRINDER + PANELS

PUMP MODEL	CODE	VOLTAGE	P1 MAX	kW	HP	In A	START	MODEL			
								E.BOX BASIC 230/50-60	E.BOX PLUS 230-400V/50-60	E.BOX BASIC D 230/50-60	E.BOX PLUS D 230-400V/50-60
								60163214	60163215	60163216	60163217
GRINDER 1000 M-NA	60141603	1X220 - 240 V~	1,5	1	1,3	8	DIRECT	•	•	•	•
GRINDER 1000 T	60141602	3X400 V~	1,6	1	1,3	2,8	DIRECT		•		•
GRINDER 1200 T	60141599	3X400 V~	2,7	1,5	2	4,7	DIRECT		•		•
GRINDER 1600 T	60141588	3X400 V~	3,3	1,8	2,4	5,8	DIRECT		•		•
GRINDER 1800 T	103010560	3X400 V	2	1,5	2	3,8	DIRECT		•		•

SELECTION TABLE - FEKA + PANELS

PUMP MODEL	CODE	VOLTAGE	P1 MAX	kW	HP	In A	START	MODEL			
								E.BOX BASIC 230/50-60	E.BOX PLUS 230-400V/50-60	E.BOX BASIC D 230/50-60	E.BOX PLUS D 230-400V/50-60
								60163214	60163215	60163216	60163217
FEKA 600 M-NA - SV	103002784	1X220-240 V~	1	0,55	0,75	4,3	DIRECT	•	•	•	•
FEKA 600 T-NA - SV	103005824	3X400 V~	1	0,55	0,75	1,7	DIRECT		•		•
FEKA VS 550 M-NA	103040010	1X220 - 240 V~	0,92	0,55	0,75	4,2	DIRECT	•	•	•	•
FEKA VS 550 T-NA	103040020	3X400 V~	0,90	0,55	0,75	1,64	DIRECT		•		•
FEKA VS 750 M-NA	103040050	1X220 - 240 V~	1,11	0,75	1	5,13	DIRECT	•	•	•	•
FEKA VS 750 T-NA	103040060	3X400 V~	1,03	0,75	1	1,94	DIRECT		•		•
FEKA VS 1000 M-NA	103040090	1X220 - 240 V~	1,46	1	1,36	6,63	DIRECT	•	•	•	•
FEKA VS 1000 T-NA	103040100	3X400 V~	1,37	1	1,36	2,51	DIRECT		•		•

SELECTION TABLE - FEKA + PANELS

PUMP MODEL	CODE	VOLTAGE	P1 MAX	kW	HP	In A	START	MODEL			
								E.BOX BASIC 230/50-60	E.BOX PLUS 230-400V/50-60	E.BOX BASIC D 230/50-60	E.BOX PLUS D 230-400V/50-60
								60163214	60163215	60163216	60163217
FEKA VS 1200 M-NA	103040130	1X220 - 240 V~	1,93	1,2	1,6	8,63	DIRET.	•	•	•	•
FEKA VS 1200 T-NA	103040140	3X400 V~	1,86	1,2	1,6	3,44	DIRET.		•		•
FEKA 1800 T	103010360	3X400 V	1,9	1,5	2	3,7	DIRET.		•		•
FEKA 2015.2 MNA	60145479	1X230 V~	1,6	1,1	1,5	8	DIRET.	•	•	•	•
FEKA 2015.2 TNA	60145480	3X400 V~	1,5	1,1	1,5	2,8	DIRET.		•		•
FEKA 2025.2 TNA	60145481	3X400 V~	2,2	1,8	2,4	4,1	DIRET.		•		•
FEKA 2030.2 TNA	60145482	3X400 V~	3,3	2,2	3	5,6	DIRET.		•		•
FEKA 2508.4M-NA	60141722	1X230 V~	0,9	0,6	0,8	4,6	DIRET.	•	•	•	•
FEKA 2508.4T	60141723	3X400 V~	0,8	0,6	0,8	1,5	DIRET.		•		•
FEKA 2515.4T	60141724	3X400 V~	1,2	1,1	1,5	3,3	DIRET.		•		•
FEKA 2500.4T	103018080	3X400 V~	2,8	1,4	1,9	4,9	DIRET.		•		•
FEKA 2515.2T	60141726	3X400 V~	1,9	1,1	1,5	3,3	DIRET.		•		•
FEKA 2500.2T	103018000	3X400 V~	2,8	1,8	2,4	4,7	DIRET.		•		•
FEKA 2700.2T	103018040	3X400 V~	3	2,18	2,9	5,7	DIRET.		•		•
FEKA 1400 M	103010240	1X220 - 240 V~	1,8	1,1	1,5	8,5	DIRET.	•*	•*	•*	•*

*** needs kit capacitor 40uF 60169268**

SELECTION TABLE - FKV + PANELS

PUMP MODEL	CODE	VOLTAGE	P1 MAX	kW	HP	In A	MODEL			
							E.BOX BASIC 230/50-60	E.BOX PLUS 230-400V/50-60	E.BOX BASIC D 230/50-60	E.BOX PLUS D 230-400V/50-60
							60163214	60163215	60163216	60163217
FKV 65.11.4 T5 400D	60172586	3 x 400 V~	1,3	1,1	1,5	3,3		•		•
FKV 65 22.2 T5 400D	60171422	3 x 400 V~	2,5	2,2	3,0	4,8		•		•
FKV 65 30.2 T5 400D	60170389	3 x 400 V~	3,3	3,0	4,0	5,7		•		•
FKV 65 40.2 T5 400D	60171423	3 x 400 V~	4,6	4,0	5,5	7,5		•		•
FKV 80 11.4 T5 400D	60171443	3 x 400 V~	1,3	1,1	1,5	3,5		•		•
FKV 80 15.4 T5 400D	60171444	3 x 400 V~	1,8	1,5	2,0	3,8		•		•
FKV 80 22.4 T5 400D	60170418	3 x 400 V~	2,5	2,2	3,0	4,7		•		•
FKV 80 40.4 T5 400D	60171445	3 x 400 V~	4,5	4,0	5,5	8,6		•		•
FKV 80 40.2 T5 400D	60171424	3 x 400 V~	4,6	4,0	5,5	7,7		•		•
FKV 100 30.4 T5 400D	60171446	3 x 400 V~	3,5	3,0	4,0	8,0		•		•
FKV 100 40.4 T5 400D	60171447	3 x 400 V~	4,5	4,0	5,5	8,9		•		•

For pumps with power exceeding 5,5 kW or Y/D start see the ED panels.

SELECTION TABLE - FKC + PANELS

PUMP MODEL	CODE	VOLTAGE	P1 MAX	kW	HP	In A	MODEL			
							E.BOX BASIC 230/50-60	E.BOX PLUS 230-400V/50-60	E.BOX BASIC D 230/50-60	E.BOX PLUS D 230-400V/50-60
							60163214	60163215	60163216	60163217
FKC 65 22.2 T5	60176795	3x400 V DOL	2,6	2,2	3	4,8		•		•
FKC 65 30.2 T5	60176857	3x400 V DOL	3,4	3	4,1	5,8		•		•
FKC 80 15.4 T5	60176796	3x400 V DOL	1,8	1,5	2,1	3,5		•		•
FKC 80 22.4 T5	60176858	3x400 V DOL	2,6	2,2	3	4,7		•		•
FKC 80 30.4 T5	60176871	3x400 V DOL	3,6	3	4,1	7,6		•		•
FKC 80 40.4 T5	60176872	3x400 V DOL	4,7	4	5,5	8,9		•		•
FKC 100 15.4 T5	60176859	3x400 V DOL	1,8	1,5	2,1	3,9		•		•
FKC 100 22.4 T5	60176860	3x400 V DOL	2,6	2,2	3	4,7		•		•
FKC 100 30.4 T5	60176873	3x400 V DOL	3,7	3	4,1	7,7		•		•
FKC 100 40.4 T5	60176874	3x400 V DOL	4,4	4	5,5	8,6		•		•
FKC 150 30.4 T5	60177074	3x400 V DOL	3,7	3	4,1	7,8		•		•
FKC 150 40.4 T5	60176875	3x400 V DOL	4,5	4	5,5	8,7		•		•

For pump power input voltages other than the standard 400V contact our sales distribution network.
For pumps with power exceeding 4 kW or Y/D start see the ED panels.

ED - PANELS FOR 1 PUMP

exemplicative photo

Supplied on the box in self-extinguishing thermoplastic material, complete with brackets for wall mounting. The framework is self-protected and protects the pump from overload, short circuits with manual reset. The models ED3M, ED3MHS, from ED2,5 to ED30T SD can handle the signal over temperature protection if the pump is provided with it.
The models ED3MHS and ED2, 4MHS are provided with additional electrolytic condenser for high startup torque.

Complete with:
- Power line switch with pad lockable door handle (except in single-phase version)
- Self-protected transformer for the power supply of the external controls
- Terminals for connecting the electric pump and the float / pressure control switches
- Terminals without potential for controlling alarm and remote installation of an audible / visual alarm
- Button on the front panel for manual operation (single phase versions)
- Switch on the front panel for manual operation - 0 - Automatic
- Amperometric protection reports
- Pump running indicator
- Voltage indicator
-Limits of use ambient temperature: -10° C +40° C
-Degree of protection IP55

TECHNICAL DATA

MODEL	CODE	VOLTAGE 50 HZ	STARTING	NOMINAL P2		MAX CURRENT A	THERMAL PROTECTION
				kW	HP		
ED0,1M	60169998	1X220 - 240 V~	direct	0,1	0,1	1	0,63-1A
ED0,3M	60170001	1X220 - 240 V~	direct	0,2	0,3	2	1-1,6A
ED0,75M	60170003	1X220 - 240 V~	direct	0,6	0,75	4	2,5-4A
ED1M	60170005	1X220 - 240 V~	direct	0,7	1	6	4-6,3A
ED1,5M	60170006	1X220 - 240 V~	direct	1,1	1,5	10	6,3-10A
ED2M	60170007	1X220 - 240 V~	direct	1,5	2	14	9-14A
ED2,4M	60170009	1X220 - 240 V~	direct	1,8	2,4	18	13-18A
ED3MHS / 40UF+250UF	60170010	1X220 - 240 V~	direct	2,2	3	10	6,3-10A
ED3M / 40UF	60170012	1X220 - 240 V~	direct	2,2	3	10	6,3-10A
ED0,08T	60170013	3X400 V~	direct	0,1	0,08	1	0,4-0,63A
ED0,5T	60170015	3X400 V~	direct	0,4	0,5	2	1-1,6A
ED1T	108320330	3X400 V~	direct	0,7	1	3	1,6-2,5A
ED1,5T	108320340	3X400 V~	direct	1,1	1,5	4	2,5-4A
ED2,5T	108320350	3X400 V~	direct	1,8	2,5	6	4-6,3A
ED4T	60170054	3X400 V~	direct	2,9	4	10	6,3-10A
ED8T	60170055	3X400 V~	direct	5,9	8	14	9-14A
ED11T	60170056	3X400 V~	direct	8,1	11	18	13-18A
ED14T	60170057	3X400 V~	direct	10,3	14	23	17-23A
ED15T	60170058	3X400 V~	direct	11,0	15	32	25-32A
ED7,5T SD	108320840	3X400/690 V~	Y/Δ	5,5	7,5	14	9-14A
ED15T SD	60170075	3X400/690 V~	Y/Δ	11,0	15	23	17-23A
ED20T SD	60170059	3X400/690 V~	Y/Δ	14,7	20	32	23-32A
ED25T SD	60170060	3X400/690 V~	Y/Δ	18,4	25	40	30-40A
ED30T SD	60170061	3X400/690 V~	Y/Δ	22,1	30	50	37-50A

ACCESSORIES

	**RELAY OIL LEVEL FOR PANELS DRAINAGE**	60172920

E2D - PANEL FOR 2 PUMPS

exemplicative photo

Supplied on the box in self-extinguishing thermoplastic material and in metal models E2D50TSD and E2D60TSD, complete with brackets for wall mounting.
The framework is self-protected and protects the pump from overload, short circuits with manual reset. The models E2D6M, E2D6MHS, from E2D5T to E2D60T SD can handle the signal over temperature protection if the pump is provided with it.
The models E2D6MHS IS provided with additional electrolytic condenser for high startup torque.

Complete with:
- Power line switch with pad lockable door handle (except in single-phase version)
- Self-protected transformer for the power supply of the external controls
- Exchange model for the alternation of starting pumps
- Terminals for connecting the electric pump and the float / pressure control switches
- Terminals without potential for controlling alarm and remote installation of an audible / visual alarm
- Button on the front panel for manual operation (single phase versions)
- Switch on the front panel for manual operation - 0 - Automatic
- Amperometric protection reports
- Pump running indicator
- Voltage indicator
-Limits of use ambient temperature: -10° C +40° C
-Degree of protection IP55

TECHNICAL DATA

MODEL	CODE	VOLTAGE 50 HZ	STARTING	NOMINAL P2		MAX CURRENT A	THERMAL PROTECTION
				kW	HP		
E2D0,6M	60170017	1X220 - 240 V~	direct	0,2	0,3	2	1-1,6A
E2D1,5M	60170019	1X220 - 240 V~	direct	0,6	0,75	4	2,5-4A
E2D2M	60170021	1X220 - 240 V~	direct	0,7	1	6	4-6,3A
E2D6M / 40UF	60170023	1X220 - 240 V~	direct	2,2	3	10	6,3-10A
E2D6MHS / 40UF+250UF	60170024	1X220 - 240 V~	direct	2,2	3	10	6,3-10A
E2D3M	60170025	1X220 - 240 V~	direct	1,1	1,5	10	6,3-10A
E2D4M	60170027	1X220 - 240 V~	direct	1,5	2	14	9-14A
E2D4,8M	60170028	1X220 - 240 V~	direct	1,8	2,4	18	13-18A
E2D2T	108320440	3X400 V~	direct	0,7	1	3	1,6-2,5A
E2D3T	108320450	3X400 V~	direct	1,1	1,5	4	2,5-4A
E2D5T	108320460	3X400 V~	direct	1,8	2,5	6	4-6,3A
E2D8T	60170062	3X400 V~	direct	2,9	4	10	6,3-10A
E2D15T	60170046	3X400 V~	direct	5,5	7,5	14	9-14A
E2D22T	60170063	3X400 V~	direct	8,1	11	18	13-18A
E2D28T	60170064	3X400 V~	direct	10,3	14	23	17-23A
E2D30T	108320750	3X400 V~	direct	11,0	15	32	25-32A
E2D15T SD	60170047	3X400/690 V~	Y/Δ	5,5	7,5	14	9-14A
E2D30T SD	60170065	3X400/690 V~	Y/Δ	11,0	15	23	17-23A
E2D40T SD	60170066	3X400/690 V~	Y/Δ	14,7	20	32	23-32A
E2D50T SD	60170067	3X400/690 V~	Y/Δ	18,4	25	40	30-40A
E2D60T SD	60170068	3X400/690 V~	Y/Δ	22,1	30	50	37-50A

ACCESSORIES

	**RELAY OIL LEVEL FOR PANELS DRAINAGE**	60172920

ELECTROMECHANICAL PROTECTION AND CONTROL PANELS PANELS

E3D - PANELS FOR 3 PUMPS

exemplicative photo

Supplied on the box in self-extinguishing thermoplastic material and in metal model E3D22,5TSD, complete with brackets for wall mounting.
The framework is self-protected and protects the pump from overload, short circuits with manual reset. The models E3D9M, E9D6MHS, from E3D12T to E3D90T SD can handle the signal over temperature protection if the pump is provided with it.
The models E3D9MHS is provided with additional electrolytic condenser for high startup torque.

Complete with:
- Power line switch with pad lockable door handle (except in single-phase version)
- Self-protected transformer for the power supply of the external controls
- Exchange model for the alternation of starting pumps
- Terminals for connecting the electric pump and the float / pressure control switches
- Terminals without potential for controlling alarm and remote installation of an audible / visual alarm
- Button on the front panel for manual operation (single phase versions)
- Switch on the front panel for manual operation - 0 - Automatic
- Amperometric protection reports
- Pump running indicator
- Voltage indicator
-Limits of use ambient temperature: -10° C +40° C
-Degree of protection IP55

TECHNICAL DATA

MODEL	CODE	VOLTAGE 50 HZ	STARTING	NOMINAL P2		MAX CURRENT A	THERMAL PROTECTION
				kW	HP		
E3D0,9M	60170030	1X220 - 240 V~	direct	0,2	0,3	2	1-1,6A
E3D2,25M	60170032	1X220 - 240 V~	direct	0,6	0,75	4	2,5-4A
E3D3M	60170033	1X220 - 240 V~	direct	0,7	1	6	4-6,3A
E3D9M / 40uF	60170035	1X220 - 240 V~	direct	2,2	3	10	6,3-10A
E3D9MHS / 40uF+250uF	60170037	1X220 - 240 V~	direct	2,2	3	10	6,3-10A
E3D4,5M	60170039	1X220 - 240 V~	direct	1,1	1,5	10	6,3-10A
E3D6M	60170041	1X220 - 240 V~	direct	1,5	2	14	9-14A
E3D7,2M	60170042	1X220 - 240 V~	direct	1,8	2,4	18	13-18A
E3D3T	108330440	3X400 V~	direct	0,7	1	3	1,6-2,5A
E3D4,5T	108330450	3X400 V~	direct	1,1	1,5	4	2,5-4A
E3D7,5T	60115082	3X400 V~	direct	1,8	2,5	6	4-6,3A
E3D12T	60170069	3X400 V~	direct	2,9	4	10	6,3-10A
E3D22,5T	60170070	3X400 V~	direct	5,5	7,5	14	9-14A
E3D33T	60170071	3X400 V~	direct	8,1	11	18	13-18A
E3D42T	60170049	3X400 V~	direct	10,3	14	23	17-23A
E3D45T	60170050	3X400 V~	direct	11,0	15	32	25-32A
E3D22,5T SD	60170051	3X400/690 V~	Y/Δ	5,5	7,5	14	9-14A
E3D45T SD	60170072	3X400/690 V~	Y/Δ	11,0	15	23	17-23A
E3D60T SD	60170073	3X400/690 V~	Y/Δ	14,7	20	32	23-32A
E3D75T SD	60170074	3X400/690 V~	Y/Δ	18,4	25	40	30-40A
E3D90T SD	60170052	3X400/690 V~	Y/Δ	22,1	30	50	37-50A

ACCESSORIES

	**RELAY OIL LEVEL FOR PANELS DRAINAGE**	60172920

SELECTION TABLE - NOVA + PANELS

PUMP MODEL	CODE	VOLTAGE	P1 MAX	kW	HP	In A	START	PANEL FOR 1 PUMP	PANEL FOR 2 PUMPS	PANEL FOR 3 PUMPS	MODEL	CODE
NOVA 180 M-NA - SV	103002694	1x230 V~	0,19	0,2	0,28	0,9	DIRECT	•			**ED0,1M**	60169998
									•		**E2D0,6M**	60170017
										•	**E3D0,9M**	60170030
NOVA 200 M-NA - SV	103002704	1x230 V~	0,35	0,22	0,3	1,5	DIRECT	•			**ED0,3M**	60170001
									•		**E2D0,6M**	60170017
										•	**E3D0,9M**	60170030
NOVA 600 M-NA - SV	103002754	1x230 V~	0,8	0,55	0,75	3,4	DIRECT	•			**ED0,75M**	60170003
									•		**E2D1,5M**	60170019
										•	**E3D2,25M**	60170032
NOVA 600 T-NA - SV	103005814	3x400 V~	0,8	0,55	0,75	1,6	DIRECT	•			**ED1T**	108320330
									•		**E2D2T**	108320440
										•	**E3D3T**	108330440

SELECTION TABLE - DRENAG + PANELS

PUMP MODEL	CODE	VOLTAGE	P1 MAX	kW	HP	In A	START	PANEL FOR 1 PUMP	PANEL FOR 2 PUMPS	PANEL FOR 3 PUMPS	MODEL	CODE
DRENAG 1000 M-NA	103041010	1X230 V~	1,29	1	1,36	6	DIRECT	•			**ED1M**	60170005
									•		**E2D2M**	60170021
										•	**E3D3M**	60170033
DRENAG 1000 T-NA	103041020	3X400 V~	1,18	1	1,36	2,43	DIRECT	•			**ED1T**	108320330
									•		**E2D2T**	108320440
										•	**E3D3T**	108330440
DRENAG 1200 M-NA	103041050	1X230 V~	1,85	1,2	1,6	7,5	DIRECT	•			**ED1,5M**	60170006
									•		**E2D3M**	60170025
										•	**E3D4,5M**	60170039
DRENAG 1200 T-NA	103041060	3X400 V~	1,65	1,2	1,6	3,24	DIRECT	•			**ED1,5T**	108320340
									•		**E2D3T**	108320450
										•	**E3D4,5T**	108330450
DRENAG 1400 M	103010040	1X230 V~	2	1,1	1,5	9,2	DIRECT	•			**ED3M 40UF**	60170012
									•		**E2D6M 40UF**	60170023
										•	**E3D9M 40UF**	60170035
DRENAG 1800 T	103010160	3X400 V~	2,3	1,5	2	4,4	DIRECT	•			**ED2,5T**	108320350
									•		**E2D5T**	108320460
										•	**E3D7,5T**	60115082
DRENAG 1600 T-NA	60141711	3X400 V~	1,6	1,1	1,5	3	DIRECT	•			**ED1,5T**	108320340
									•		**E2D3T**	108320450
										•	**E3D4,5T**	108330450
DRENAG 2000 T-NA	60141712	3X400 V~	2	1,4	1,9	4,1	DIRECT	•			**ED2,5T**	108320350
									•		**E2D5T**	108320460
										•	**E3D7,5T**	60115082
DRENAG 2500 T-NA	60141713	3X400 V~	3,1	1,8	2,4	5,3	DIRECT	•			**ED2,5T**	108320350
									•		**E2D5T**	108320460
										•	**E3D7,5T**	60115082
DRENAG 3000 T-NA	60141714	3X400 V~	3,5	2,2	2,9	6,2	DIRECT	•			**ED2,5T**	108320350
									•		**E2D5T**	108320460
										•	**E3D7,5T**	60115082

SELECTION TABLE - DIG + PANELS

PUMP MODEL	CODE	VOLTAGE	P1 MAX	kW	HP	In A	START	PANEL FOR 1 PUMP	PANEL FOR 2 PUMPS	PANEL FOR 3 PUMPS	MODEL	CODE
DIG 1100 M-NA	60141688	1X230 V~	1,7	1,1	1,5	7,8	DIRECT	•			**ED1,5M**	60170006
									•		**E2D3M**	60170025
										•	**E3D4,5M**	60170039
DIG 1100 T-NA	60141689	3X400 V~	1,7	1,1	1,5	3	DIRECT	•			**ED1,5T**	108320340
									•		**E2D3T**	108320450
										•	**E3D4,5T**	108330450
DIG 1500 T-NA	60141690	3X400 V~	2,4	1,5	2	4,3	DIRECT	•			**ED2,5T**	108320350
									•		**E2D5T**	108320460
										•	**E3D7,5T**	60115082
DIG 1800 T-NA	60141691	3X400 V~	3,2	1,8	2,4	5,3	DIRECT	•			**ED2,5T**	108320350
									•		**E2D5T**	108320460
										•	**E3D7,5T**	60115082
DIG 2200 T-NA	60141692	3X400 V~	4,0	2,2	3	6,4	DIRECT	•			**ED4T**	60170054
									•		**E2D8T**	60170062
										•	**E3D12T**	60170069
DIG 3700 AP T-NA	60141693	3X400 V~	4,4	3,7	5	7,7	DIRECT	•			**ED4T**	60170054
									•		**E2D8T**	60170062
										•	**E3D12T**	60170069
DIG 3700 MP T-NA	60141695	3X400 V~	4,9	3,7	5	8,5	DIRECT	•			**ED4T**	60170054
									•		**E2D8T**	60170062
										•	**E3D12T**	60170069
DIG 5500 AP T-NA	60141696	3X400 V~	6,8	5,5	7,5	12	DIRECT	•			**ED8T**	60170055
									•		**E2D15T**	60170046
										•	**E3D22,5T**	60170070
DIG 5500 MP T-NA	60141697	3X400 V~	6,1	5,5	7,5	11	DIRECT	•			**ED8T**	60170055
									•		**E2D15T**	60170046
										•	**E3D22,5T**	60170070
DIG 8500 AP T-NA	60141698	3X400 V~	11,5	8,5	11,4	18,5	DIRECT	•			**ED14T**	60170057
									•		**ED28T**	60170064
										•	**E3D42T**	60170049
DIG 8500 MP T-NA	60141699	3X400 V~	10,5	8,5	11,4	17	DIRECT	•			**ED11T**	60170056
									•		**E2D22T**	60170063
										•	**E3D33T**	60170071
DIG 11000 AP T-NA	60141700	3X400 V~	16,1	11	15	26,5	DIRECT	•			**ED15T**	60170058
									•		**E2D30T**	108320750
										•	**E3D45T**	60170050
DIG 11000 MP T-NA	60141701	3X400 V~	12,8	11	15	21,5	DIRECT	•			**ED14T**	60170057
									•		**E2D28T**	60170064
										•	**E3D42T**	60170049

SELECTION TABLE - GRINDER + PANELS

PUMP MODEL	CODE	VOLTAGE	P1 MAX	kW	HP	In A	START	PANEL FOR 1 PUMP	PANEL FOR 2 PUMPS	PANEL FOR 3 PUMPS	MODEL	CODE
GRINDER 1000 M-NA	60141603	1X220 - 240 V~	1,5	1	1,3	8	DIRECT	•			**ED1,5M**	60170006
									•		**E2D3M**	60170025
										•	**E3D4,5M**	60170039
GRINDER 1000 T	60141602	3X400 V~	1,6	1	1,3	2,8	DIRECT	•			**ED1,5T**	108320340
									•		**E2D3T**	108320450
										•	**E3D4,5T**	108330450
GRINDER 1200 M-NA	60141600	1X220 - 240 V~	2,8	1,5	2	12,7	DIRECT	•			**ED2M**	60170007
									•		**E2D4M**	60170027
										•	**E3D6M**	60170041
GRINDER 1200 T	60141599	3X400 V~	2,7	1,5	2	4,7	DIRECT	•			**ED2,5T**	108320350
									•		**E2D5T**	108320460
										•	**E3D7,5T**	60115082
GRINDER 1600 M-NA	60141585	1X220 - 240 V~	3,8	1,8	2,4	16,8	DIRECT	•			**ED2,4M**	60170009
									•		**E2D4,8M**	60170028
										•	**E3D7,2M**	60170042
GRINDER 1600 T	60141588	3X400 V~	3,3	1,8	2,4	5,8	DIRECT	•			**ED2,5T**	108320350
									•		**E2D5T**	108320460
										•	**E3D7,5T**	60115082
GRINDER 1400 M	103010440	1X220 - 240 V~	1,95	1,1	1,5	8,7	DIRECT	•			**ED3MHS**	60170010
									•		**E2D6M HS**	60170024
										•	**E3D9M HS**	60170037
GRINDER 1800 T	103010560	3X400 V	2	1,5	2	3,8	DIRECT	•			**ED1,5T**	108320340
									•		**E2D3T**	108320450
										•	**E3D4,5T**	108330450

SELECTION TABLE - FEKA + PANELS

PUMP MODEL	CODE	VOLTAGE	P1 MAX	kW	HP	In A	START	PANEL FOR 1 PUMP	PANEL FOR 2 PUMPS	PANEL FOR 3 PUMPS	MODEL	CODE
FEKA 600 T-NA	103000054	3X400 V~	1	0,55	0,75	1,7	DIRECT	•			**ED1T**	108320330
									•		**E2D2T**	108320440
										•	**E3D3T**	108330440
FEKA 600 M-NA - SV	103002784	1X220-240 V~	1	0,55	0,75	4,3	DIRECT	•			**ED1M**	60170005
									•		**E2D2M**	60170021
										•	**E3D3M**	60170033
FEKA 600 T-NA - SV	103005824	3X400 V~	1	0,55	0,75	1,7	DIRECT	•			**ED1T**	108320330
									•		**E2D2T**	108320440
										•	**E3D3T**	108330440

SELECTION TABLE - FEKA + PANELS

PUMP MODEL	CODE	VOLTAGE	P1 MAX	kW	HP	In A	START	PANEL FOR 1 PUMP	PANEL FOR 2 PUMPS	PANEL FOR 3 PUMPS	MODEL	CODE
FEKA VS 550 M-NA	103040010	1X220 - 240 V~	0,92	0,55	0,75	4,2	DIRECT	•			**ED1M**	60170005
									•		**E2D2M**	60170021
										•	**E3D3M**	60170033
FEKA VS 550 T-NA	103040020	3X400 V~	0,90	0,55	0,75	1,64	DIRECT	•			**ED1T**	108320330
									•		**E2D2T**	108320440
										•	**E3D3T**	108330440
FEKA VS 750 M-NA	103040050	1X220 - 240 V~	1,11	0,75	1	5,13	DIRECT	•			**ED1M**	60170005
									•		**E2D2M**	60170021
										•	**E3D3M**	60170033
FEKA VS 750 T-NA	103040060	3X400 V~	1,03	0,75	1	1,94	DIRECT	•			**ED1T**	108320330
									•		**E2D2T**	108320440
										•	**E3D3T**	108330440
FEKA VS 1000 M-NA	103040090	1X220 - 240 V~	1,46	1	1,36	6,63	DIRECT	•			**ED1,5M**	60170006
									•		**E2D3M**	60170025
										•	**E3D4,5M**	60170039
FEKA VS 1000 T-NA	103040100	3X400 V~	1,37	1	1,36	2,51	DIRECT	•			**ED1,5T**	108320340
									•		**E2D3T**	108320450
										•	**E3D4,5T**	108330450
FEKA VS 1200 M-NA	103040130	1X220 - 240 V~	1,93	1,2	1,6	8,63	DIRECT	•			**ED1,5M**	60170006
									•		**E2D3M**	60170025
										•	**E3D4,5M**	60170039
FEKA VS 1200 T-NA	103040140	3X400 V~	1,86	1,2	1,6	3,44	DIRECT	•			**ED1,5T**	108320340
									•		**E2D3T**	108320450
										•	**E3D4,5T**	108330450
FEKA 1400 M	103010240	1X220 - 240 V~	1,8	1,1	1,5	8,5	DIRECT	•			**ED3M 40UF**	60170012
									•		**E2D6M 40UF**	60170023
										•	**E3D9M 40UF**	60170035
FEKA 1800 T	103010360	3X400 V	1,9	1,5	2	3,7	DIRECT	•			**ED1,5T**	108320340
									•		**E2D3T**	108320450
										•	**E3D4,5T**	108330450
FEKA 2015.2 MNA	60145479	1X230 V~	1,6	1,1	1,5	8	DIRECT	•			**ED1,5M**	60170006
									•		**E2D3M**	60170025
										•	**E3D4,5M**	60170039
FEKA 2015.2 TNA	60145480	3X400 V~	1,5	1,1	1,5	2,8	DIRECT	•			**ED1,5T**	108320340
									•		**E2D3T**	108320450
										•	**E3D4,5T**	108330450
FEKA 2025.2 TNA	60145481	3X400 V~	2,2	1,8	2,4	4,1	DIRECT	•			**ED2,5T**	108320350
									•		**E2D5T**	108320460
										•	**E3D7,5T**	60115082
FEKA 2030.2 TNA	60145482	3X400 V~	3,3	2,2	3	5,6	DIRECT	•			**ED2,5T**	108320350
									•		**E2D5T**	108320460
										•	**E3D7,5T**	60115082

SELECTION TABLE - FEKA + PANELS

PUMP MODEL	CODE	VOLTAGE	P1 MAX	kW	HP	In A	START	PANEL FOR 1 PUMP	PANEL FOR 2 PUMPS	PANEL FOR 3 PUMPS	MODEL	CODE
FEKA 2508.4M-NA	60141722	1X230 V~	0,9	0,6	0,8	4,6	DIRECT	•			**ED1M**	60170005
									•		**E2D2M**	60170021
										•	**E3D3M**	60170033
FEKA 2508.4T	60141723	3X400 V~	0,8	0,6	0,8	1,5	DIRECT	•			**ED1T**	108320330
									•		**E2D2T**	108320440
										•	**E3D3T**	108330440
FEKA 2515.4T	60141724	3X400 V~	1,2	1,1	1,5	3,3	DIRECT	•			**ED1,5T**	108320340
									•		**E2D3T**	108320450
										•	**E3D4,5T**	108330450
FEKA 2500.4T	103018080	3X400 V~	2,8	1,4	1,9	4,9	DIRECT	•			**ED2,5T**	108320350
									•		**E2D5T**	108320460
										•	**E3D7,5T**	60115082
FEKA 2515.2T	60141726	3X400 V~	1,9	1,1	1,5	3,3	DIRECT	•			**ED1,5T**	108320340
									•		**E2D3T**	108320450
										•	**E3D4,5T**	108330450
FEKA 2500.2T	103018000	3X400 V~	2,8	1,8	2,4	4,7	DIRECT	•			**ED2,5T**	108320350
									•		**E2D5T**	108320460
										•	**E3D7,5T**	60115082
FEKA 2700.2T	103018040	3X400 V~	3	2,18	2,9	5,7	DIRECT	•			**ED2,5T**	108320350
									•		**E2D5T**	108320460
										•	**E3D7,5T**	60115082
FEKA 8150. 6T	60141737	3X400 V~	11,2	8,5	11,3	22	Y/Δ	•			**ED15T SD**	60170075
									•		**E2D30T SD**	60170065
										•	**E3D45T SD**	60170072
FEKA 8200. 6T	60141738	3X400 V~	13,4	11,4	15,2	27	Y/Δ	•			**ED20T SD**	60170059
									•		**E2D40T SD**	60170066
										•	**E3D60T SD**	60170073
FEKA 8250. 6T	60141739	3X400 V~	17	13,5	18	36	Y/Δ	•			**ED25T SD**	60170060
									•		**E2D50T SD**	60170067
										•	**E3D75T SD**	60170074
FEKA 8300. 6T	60141740	3X400 V~	22	19,3	25,7	46	Y/Δ	•			**ED30T SD**	60170061
									•		**E2D60T SD**	60170068
										•	**E3D90T SD**	60170052

SELECTION TABLE - FKV + PANELS

PUMP MODEL	CODE	VOLTAGE	P1 MAX	kW	HP	In A	START	PANEL FOR 1 PUMP	PANEL FOR 2 PUMPS	PANEL FOR 3 PUMPS	MODEL	CODE
FKV 65.11.4 T5 400D	60172586	3 x 400 V~	1,3	1,1	1,5	3,3	DIRECT	•			**ED1,5T**	108320340
									•		**E2D3T**	108320450
										•	**E3D4,5T**	108330450
FKV 65 22.2 T5 400D	60171422	3 x 400 V~	2,5	2,2	3,0	4,8	DIRECT	•			**ED2,5T**	108320350
									•		**E2D5T**	108320460
										•	**E3D7,5T**	60115082
FKV 65 30.2 T5 400D	60170389	3 x 400 V~	3,3	3,0	4,0	5,7	DIRECT	•			**ED2,5T**	108320350
									•		**E2D5T**	108320460
										•	**E3D7,5T**	60115082
FKV 65 40.2 T5 400D	60171423	3 x 400 V~	4,6	4,0	5,5	7,5	DIRECT	•			**ED4T**	60170054
									•		**E2D8T**	60170062
										•	**E3D12T**	60170069
FKV 80 11.4 T5 400D	60171443	3 x 400 V~	1,3	1,1	1,5	3,5	DIRECT	•			**ED1,5T**	108320340
									•		**E2D3T**	108320450
										•	**E3D4,5T**	108330450
FKV 80 15.4 T5 400D	60171444	3 x 400 V~	1,8	1,5	2,0	3,8	DIRECT	•			**ED1,5T**	108320340
									•		**E2D3T**	108320450
										•	**E3D4,5T**	108330450
FKV 80 22.4 T5 400D	60170418	3 x 400 V~	2,5	2,2	3,0	4,7	DIRECT	•			**ED2,5T**	108320350
									•		**E2D5T**	108320460
										•	**E3D7,5T**	60115082
FKV 80 40.4 T5 400D	60171445	3 x 400 V~	4,5	4,0	5,5	8,6	DIRECT	•			**ED4T**	60170054
									•		**E2D8T**	60170062
										•	**E3D12T**	60170069
FKV 80 40.2 T5 400D	60171424	3 x 400 V~	4,6	4,0	5,5	7,7	DIRECT	•			**ED4T**	60170054
									•		**E2D8T**	60170062
										•	**E3D12T**	60170069
FKV 80 60.2 T5 400Y/D	60171425	3 x 400 V~	6,9	6,0	8,2	11,7	Y/Δ	•			**ED7,5T SD**	108320840
									•		**E2D15T SD**	60170047
										•	**E3D22,5T SD**	60170051
FKV 80 75.2 T5 400Y/D	60170434	3 x 400 V~	8,3	7,5	10,2	13,7	Y/Δ	•			**ED7,5T SD**	108320840
									•		**E2D15T SD**	60170047
										•	**E3D22,5T SD**	60170051
FKV 80 92.2 T5 400Y/D	60171426	3 x 400 V~	10,2	9,2	12,5	18,0	Y/Δ	•			**ED15T SD**	60170075
									•		**E2D30T SD**	60170065
										•	**E3D45T SD**	60170072
FKV 80 110.2 T5 400Y/D	60170429	3 x 400 V~	12,1	11,0	15,0	21,0	Y/Δ	•			**ED15T SD**	60170075
									•		**E2D30T SD**	60170065
										•	**E3D45T SD**	60170072
FKV 100 30.4 T5 400D	60171446	3 x 400 V~	3,5	3,0	4,0	8,0	DIRECT	•			**ED4T**	60170054
									•		**E2D8T**	60170062
										•	**E3D12T**	60170069
FKV 100 40.4 T5 400D	60171447	3 x 400 V~	4,5	4,0	5,5	8,9	DIRECT	•			**ED4T**	60170054
									•		**E2D8T**	60170062
										•	**E3D12T**	60170069
FKV 100 55.4 T5 400Y/D	60171448	3 x 400 V~	6,2	5,5	7,5	11,3	Y/Δ	•			**ED7,5T SD**	108320840
									•		**E2D15T SD**	60170047
										•	**E3D22,5T SD**	60170051
FKV 100 75.4 T5 400Y/D	60170428	3 x 400 V~	8,3	7,5	10,0	14,3	Y/Δ	•			**ED15T SD**	60170075
									•		**E2D30T SD**	60170065
										•	**E3D45T SD**	60170072

SELECTION TABLE - FKC + PANELS

PUMP MODEL	CODE	VOLTAGE	P1 MAX	kW	HP	In A	START	PANEL FOR 1 PUMP	PANEL FOR 2 PUMPS	PANEL FOR 3 PUMPS	MODEL	CODE
FKC 65 22.2 T5	60176795	3 x 400 V~	2,6	2,2	3,0	4,8	DIRET.	•			**ED2,5T**	108320350
									•		**E2D5T**	108320460
										•	**E3D7,5T**	60115082
FKC 65 30.2 T5	60176857	3 x 400 V~	3,4	3,0	4,1	5,8	DIRET.	•			**ED2,5T**	108320350
									•		**E2D5T**	108320460
										•	**E3D7,5T**	60115082
FKC 80 15.4 T5	60176796	3 x 400 V~	1,8	1,5	2,1	3,5	DIRET.	•			**ED1,5T**	108320340
									•		**E2D3T**	108320450
										•	**E3D4,5T**	108330450
FKC 80 22.4 T5	60176858	3 x 400 V~	2,6	2,2	3,0	4,7	DIRET.	•			**ED2,5T**	108320350
									•		**E2D5T**	108320460
										•	**E3D7,5T**	60115082
FKC 80 30.4 T5	60176871	3 x 400 V~	3,6	3,0	4,1	7,6	DIRET.	•			**ED4T**	60170054
									•		**E2D8T**	60170062
										•	**E3D12T**	60170069
FKC 80 40.4 T5	60176872	3 x 400 V~	4,7	4,0	5,5	8,9	DIRET.	•			**ED4T**	60170054
									•		**E2D8T**	60170062
										•	**E3D12T**	60170069
FKC 80 55.4 T5	60176854	3 x 400 V~	6,3	5,5	7,5	8,6	Y/Δ	•			**ED7,5T SD**	108320840
									•		**E2D15T SD**	60170047
										•	**E3D22,5T SD**	60170051
FKC 80 75.4 T5	60176855	3 x 400 V~	8,1	7,5	10,3	14,1	Y/Δ	•			**ED15T SD**	60170075
									•		**E2D30T SD**	60170065
										•	**E3D45T SD**	60170072
FKC 100 15.4 T5	60176859	3 x 400 V~	1,8	1,5	2,1	3,9	DIRET.	•			**ED2,5T**	108320350
									•		**E2D5T**	108320460
										•	**E3D7,5T**	60115082
FKC 100 22.4 T5	60176860	3 x 400 V~	2,6	2,2	3,0	4,7	DIRET.	•			**ED2,5T**	108320350
									•		**E2D5T**	108320460
										•	**E3D7,5T**	60115082
FKC 100 30.4 T5	60176873	3 x 400 V~	3,7	3,0	4,1	7,7	DIRET.	•			**ED4T**	60170054
									•		**E2D8T**	60170062
										•	**E3D12T**	60170069
FKC 100 40.4 T5	60176874	3 x 400 V~	4,4	4,0	5,5	8,6	DIRET.	•			**ED4T**	60170054
									•		**E2D8T**	60170062
										•	**E3D12T**	60170069
FKC 100 55.4 T5	60176850	3 x 400 V~	6,1	5,5	7,5	11,4	Y/Δ	•			**ED7,5T SD**	60170069
									•		**E2D15T SD**	60170047
										•	**E3D22,5T SD**	60170051
FKC 100 75.4 T5	60176851	3 x 400 V~	8,4	7,5	10,3	14,6	Y/Δ	•			**ED15T SD**	60170075
									•		**E2D30T SD**	60170065
										•	**E3D45T SD**	60170072
FKC 150 30.4 T5	60177074	3 x 400 V~	3,7	3,0	4,1	7,8	DIRET.	•			**ED4T**	60170054
									•		**E2D8T**	60170062
										•	**E3D12T**	60170069
FKC 150 40.4 T5	60176875	3 x 400 V~	4,5	4,0	5,5	8,7	DIRET.	•			**ED4T**	60170054
									•		**E2D8T**	60170062
										•	**E3D12T**	60170069
FKC 150 55.4 T5	60176852	3 x 400 V~	6,0	5,5	7,5	11,3	DIRET.	•			**ED7,5T SD**	108320840
									•		**E2D15T SD**	60170047
										•	**E3D22,5T SD**	60170051
FKC 150 75.4 T5	60176853	3 x 400 V~	8,4	7,5	10,3	14,7	DIRET.	•			**ED15T SD**	60170075
									•		**E2D30T SD**	60170065
										•	**E3D45T SD**	60170072

INDEX - SUBMERSIBLE PUMPS AND SUBMERSIBLE MOTORS

IDEA
4" PERIPHERAL SUBMERSIBLE PUMPS
D1 PAG. 258

DIVER - DIVER HF
5" MULTISTAGE SUBMERSIBLE PUMPS
A9 PAG. 259

PULSAR
5" MULTISTAGE SUBMERSIBLE PUMPS
D3 PAG. 261

PULSAR DRY
5" MULTISTAGE SUBMERSIBLE PUMPS
D3 PAG. 262

DIVER 6
6" MULTISTAGE SUBMERSIBLE PUMPS
DF PAG. 263

DIVERTRON
6" ELECTRONIC MULTISTAGE SUBMERSIBLE PUMPS
AA EZ PAG. 263

MICRA HS
HIGH SPEED 3" SUBMERSIBLE PUMPS
NEWS
D4 PAG. 264

MICRA
3" SUBMERSIBLE PUMPS
D4 PAG. 265

CS4
water filled motor
4" SUBMERSIBLE PUMPS
D6 PAG. 266

CS4
oil filled motor
4" SUBMERSIBLE PUMPS
D6 PAG. 267

S4
water filled motor
4" SUBMERSIBLE PUMPS
D2 PAG. 269

S4
oil filled motor
4" SUBMERSIBLE PUMPS
D2 PAG. 271

4GG
4" SUBMERSIBLE MOTORS
E1 PAG. 275

4GX
4" SUBMERSIBLE MOTORS
E1 PAG. 276

4TW
4" SUBMERSIBLE MOTORS
E2 PAG. 277

40L
4 " SUBMERSIBLE MOTORS
E3 PAG. 278

SS6
6" SUBMERSIBLE PUMPS
NEW MODELS
DK PAG. 279

SS7
7" SUBMERSIBLE PUMPS
EY PAG. 292

SS8
8" SUBMERSIBLE PUMPS
DU PAG. 295

SS10
10" SUBMERSIBLE PUMPS
DW PAG. 299

SMC6
6" SUBMERSIBLE PUMPS
NEWS
DK PAG. 301

SMC8
8" SUBMERSIBLE PUMPS
NEWS
DU PAG. 305

SMC10
10" SUBMERSIBLE PUMPS
NEWS
DW PAG. 311

SMC12
12" SUBMERSIBLE PUMPS
NEWS
DY PAG. 314

6GF - 6GX
6" SUBMERSIBLE MOTORS
E4 PAG. 316

TR6
6" SUBMERSIBLE MOTORS
CW PAG. 317

TR8
8" SUBMERSIBLE MOTORS
CX PAG. 318

TR10
10" SUBMERSIBLE MOTORS
CY PAG. 319

TR12
12" SUBMERSIBLE MOTORS
CZ PAG. 320

ACCESSORIES
PAG. 321

IDEA

4” PERIPHERAL SUBMERSIBLE PUMPS

SINGLE-PHASE

THREE-PHASE

CE

DOMESTIC WATER SUPPLY

Peripheral borehole pump single impeller (Idea 75 - 100), double impeller (Idea 150) (for 4” wells or larger, capable of providing high heads with limited power. Suitable for water lifting and distribution applications in domestic systems, small agricultural concerns, pressurisation of pressure vessels and DIY uses.
Pump body and motor support in cast iron. Brass impeller. Impeller shaft extension and strainer in stainless steel. Submergible asynchronous two-pole motor, made entirely of stainless steel, dry design
Canned-type AISI 304L stator. Squirrel cage rotor running on ball bearings, oversized to ensure reliability and durability. Graphite/alumina mechanical seal and lip seal. **In the single phase version the start capacitor is enclosed in a rugged, electrically insulated high-density plastic enclosure.** Overload protection to be provided by the user for the three-phase version.

Protection rating: IP 68
Insulation class:
Liquid temperature range: from 0° C to +35° C
Max. no. of starts: 20/h
Maximum subnersion: 20 m.
Installation: in 4” or larger wells, thanks or cisterns, vertically.
Liquid quality requirements: clean, free of solid or abrasive contaminants, non-viscous, chemically neutral, close to the properties of water.
Removable H07RN-F power cable, length 15 m.
Supplied with 15 m of nylon rope.

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA							HYDRAULIC DATA (n ~ 2800 1/min)							
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR		Q m^3/h l/min	0,4	0,6	0,9	1,2	1,5	1,8	2,1	2,4
				kW	HP		µF	Vc		7	10	15	20	25	30	35	40
IDEA 75 M	60122482	1x230 V ~	0,8	0,55	0,75	4	16	450		39	37	32	27,6	22,5	17,6	12,2	6,8
IDEA 100 M	60122483	1x230 V ~	1,1	0,75	1	4,7	20	450		52	48,3	41,4	34,6	28	21,2	14,4	7,3
IDEA 150 M	60133713	1x230 V ~	2,2	1	1,5	10,5	35	450		90	81	70	60	48	35	22	10
IDEA 75 T	60122353	3x400 V ~	0,65	0,55	0,75	1,5	–	–	H (m)	39	37	32	27,6	22,5	17,6	12,2	6,8
IDEA 100T	60122354	3x400 V ~	1,1	0,75	1	2,3	–	–		52	48,3	41,4	34,6	28	21,2	14,4	7,3
IDEA 150T	60140605	3x400 V ~	2,5	1	1,5	4,3	–	–		90	81	70	60	48	35	22	10

DIVER - DIVER HF

5" MULTISTAGE SUBMERSIBLE PUMPS

CE

DOMESTIC WATER SUPPLY

DIVER electric pumps are utilised for lifting clear water from boreholes, first water collection tanks or cisterns, wells or water courses and are capable of distributing pressurised water to domestic installations, small agricultural plants, and sprinkler systems for lawns and gardens.
The pump, which is very silent running, can be installed inside boreholes and sumps and eliminates all potential problems of suction and unpriming.
Multi-stage close-coupled borehole pump with hydraulic section below motor, which is cooled by the pumped liquid. Impellers and diffusers in fibreglass-reinforced Noryl with wear-resistant stainless steel thrust ring. Outer liner, stator sleeve, upper head with delivery connection and closing ring in AISI 304 stainless steel.
Supports in brass. Rotor shaft extension in AISI 304 stainless steel.
Lip seal on motor side and silicon carbide/silicon carbide mechanical seal on pump side.
Submersible asynchronous two-pole motor made entirely of stainless steel, featuring dry design with external cooling by pumped liquid.
Canned AISI 304L stator. Squirrel cage rotor running on ball bearings, oversized to ensure low noise, reliability and durability.
On request, CONTROL BOX for the single-phase version. Protection for the three-phase version is the responsibility of the user.
Automatic version available with float switch.
Available on request with support base and lateral suction (DRY).
Protection rating: IP 68
Insulation class: F
Standard voltage input: Single-phase: 230 V / 50 Hz. Three-phase 230V / 50Hz and 400 V / 50 Hz
Power cable: Removable H07RN-F, length 10 m.

(1)Required for single-phase versions

ACCESSORIES | PAG. 321

TECHNICAL DATA - DIVER

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA										DNM GAS	WEIGHT KG
		VOLTAGE 50 Hz	P1 kW	P2		In A	Q m³/h l/min	0	0,6	1,2	1,8	2,4	3	3,6	4,2	4,8		
				kW	HP			0	10	20	30	40	50	60	70	80		
DIVER 75 M-A	60121469	1x230 V~	0,85	0,55	0,75	4,6		39	35	33	30	26	22	18	14	9	1"1/4	9
DIVER 75 M-NA	60121655	1x230 V~	0,85	0,55	0,75	4,6		39	35	33	30	26	22	18	14	9	1"1/4	9
DIVER 75 T-NA	60121656	3x230 V~	0,8	0,55	0,75	2,9		39	35	33	30	26	22	18	14	9	1"1/4	9
DIVER 75 T-NA	60121657	3x400 V~	0,8	0,55	0,75	1,7		39	35	33	30	26	22	18	14	9	1"1/4	9
DIVER 100 M-A	60121470	1x230 V~	1,1	0,75	1	5,9		55	50	45	41	35	30	25	18	11	1"1/4	11
DIVER 100 M-NA	60121658	1x230 V~	1,1	0,75	1	5,9		55	50	45	41	35	30	25	18	11	1"1/4	11
DIVER 100 T-NA	60121659	3x230 V~	1,2	0,75	1	4,2		55	50	45	41	35	30	25	18	11	1"1/4	11
DIVER 100 T-NA	60121660	3x400 V~	1,2	0,75	1	2,4		55	50	45	41	35	30	25	18	11	1"1/4	11
DIVER 150 M-A	60121471	1x230 V~	1,6	1	1,5	7,8		80	72	67	60	52	45	35	26	16	1"1/4	16
DIVER 150 M-NA	60121661	1x230 V~	1,6	1	1,5	7,8		80	72	67	60	52	45	35	26	16	1"1/4	16
DIVER 150 T-NA	60121662	3x230 V~	1,55	1	1,5	5,7		80	72	67	60	52	45	35	26	16	1"1/4	16
DIVER 150 T-NA	60121663	3x400 V~	1,55	1	1,5	3,3		80	72	67	60	52	45	35	26	16	1"1/4	16
DIVER 150 M-A *	60141617	1x230 V~	1,6	1	1,5	7,8	H (m)	80	72	67	60	52	45	35	26	16	1"1/4	17
DIVER 150 M-NA*	60141618	1x230 V~	1,6	1	1,5	7,8		80	72	67	60	52	45	35	26	16	1"1/4	17
DIVER 150 T-NA *	60141619	3x230 V~	1,55	1	1,5	5,7		80	72	67	60	52	45	35	26	16	1"1/4	17
DIVER 150 T-NA *	60141620	3x400 V~	1,55	1	1,5	3,3		80	72	67	60	52	45	35	26	16	1"1/4	17
DIVER 200 M-A	60121472	1x230 V~	2,3	1,5	2	10,7		101	96	90	85	70	60	47	35	21	1"1/4	21
DIVER 200 M-NA	60121664	1x230 V~	2,3	1,5	2	10,7		101	96	90	85	70	60	47	35	21	1"1/4	21
DIVER 200 T-NA	60121476	3x230 V~	2,15	1,5	2	8,5		101	96	90	85	70	60	47	35	21	1"1/4	21
DIVER 200 T-NA	60121665	3x400 V~	2,15	1,5	2	4,9		101	96	90	85	70	60	47	35	21	1"1/4	21
DIVER 200 M-A *	60141621	1x230 V~	2,3	1,5	2	10,7		101	96	90	85	70	60	47	35	21	1"1/4	21
DIVER 200 M-NA*	60141623	1x230 V~	2,3	1,5	2	10,7		101	96	90	85	70	60	47	35	21	1"1/4	21
DIVER 200 T-NA*	60141624	3x230 V~	2,15	1,5	2	8,5		101	96	90	85	70	60	47	35	21	1"1/4	21
DIVER 200 T-NA *	60141625	3x400 V~	2,15	1,5	2	4,9		101	96	90	85	70	60	47	35	21	1"1/4	21

A= automatic with float **NA**= non automatic without float

*** 20 mt. CABLE INCLUDED**

DIVER - DIVER HF

5" MULTISTAGE SUBMERSIBLE PUMPS

TECHNICAL DATA - DIVER HF

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA										DNM GAS	WEIGHT KG
		VOLTAGE 50 Hz	P1 kW	P2		In A	Q m^3/h l/min	0	1,5	3	4,5	6	7,5	9	10,5	12		
				kW	HP			0	25	50	75	100	125	150	175	200		
DIVER 100 HF M-A	60121666	1x230 V~	1,1	0,75	1	6,2	H (m)	30	28	26	24	22	20	16	13	10	1"1/4	11,5
DIVER 100 HF M-NA	60121667	1x230 V~	1,1	0,75	1	6,2		30	28	26	24	22	20	16	13	10	1"1/4	11,5
DIVER 100 HF T-NA	60121668	3x230 V~	1,2	0,75	1	4,3		30	28	26	24	22	20	16	13	10	1"1/4	11,5
DIVER 100 HF T-NA	60121669	3x400 V~	1,2	0,75	1	2,5		30	28	26	24	22	20	16	13	10	1"1/4	11,5
DIVER 150 HF M-A	60121670	1x230 V~	1,7	1	1,5	8,1		42	40	38	35	32	28	24	20	15	1"1/4	13
DIVER 150 HF M-NA	60121671	1x230 V~	1,7	1	1,5	8,1		42	40	38	35	32	28	24	20	15	1"1/4	13
DIVER 150 HF T-NA	60121473	3x230 V~	1,8	1	1,5	6		42	40	38	35	32	28	24	20	15	1"1/4	13
DIVER 150 HF T-NA	60121672	3x400 V~	1,8	1	1,5	3,5		42	40	38	35	32	28	24	20	15	1"1/4	13
DIVER 200 HF M-A	60121673	1x230 V~	2,15	1,5	2	10,8		59	55	51	48	44	39	34	28	20	1"1/4	15,2
DIVER 200 HF M-NA	60121674	1x230 V~	2,15	1,5	2	10,8		59	55	51	48	44	39	34	28	20	1"1/4	15,2
DIVER 200 HF T-NA	60121474	3x230 V~	2,1	1,5	2	8,5		59	55	51	48	44	39	34	28	20	1"1/4	15,2
DIVER 200 HF T-NA	60121475	3x400 V~	2,1	1,5	2	4,9		59	55	51	48	44	39	34	28	20	1"1/4	15,2

A= automatic with float **NA**= non automatic without float

PULSAR

5" MULTISTAGE SUBMERSIBLE PUMPS

CE

DOMESTIC WATER SUPPLY

PULSAR pumps, which are very silent running, can be installed inside boreholes and sumps and eliminates all potential problems of suction and unpriming.
Multi-stage close-coupled borehole pump with hydraulic section below motor, which is cooled by the pumped liquid. -Impellers, diffusers, strainer and oil sump in abrasion-proof thermoplastic. Outer liner, stator sleeve, upper head with delivery connection and closing ring in AISI 304 stainless steel. Rotor shaft extension in AISI 304. Elastomers in NBR. Stainless steel screws.
Double mechanical seal with interposed oil chamber, made of ceramic/carbon on motor side and silicon carbide/silicon carbide on pump side.
Submersible with continuous duty asynchronous motor. Rotor running on ball bearings, oversized to ensure low noise and durability. **Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version.** To protect the three-phase motor use remote overload cut-outs in compliance with statutory regulations.
Constructed in compliance with CEI 2-3 and CEI 61-69 (EN 60335-2-41) standards.

Operating range: from 0.9 to 7.2 m^3/h with head up to 86 metres.
Maximum permissible sand quantity: 50 g/m^3
Motor protection level: IP 68
Insulation class: F
Liquid temperature range: From 0° C to +40° C
Standard cables: 20 m HO7 RN F cable type.
Cable complete with SCHUKO plug EEC 7-VII-UNEL 47166-68 for the single-phase version.
Single-phase versions can be equipped with or without float switches for automatic operation.

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA								DNM GAS	WEIGHT KG
		VOLTAGE 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 30/50 M-A	**104160000**	1x230 V~	0,94	0,55	0,75	4,5		42	38,2	33,8	24,8	13,5			1 1/4"G	17,3
PULSAR 30/50 M-NA	**104160010**	1x230 V~	0,94	0,55	0,75	4,5		42	38,2	33,8	24,8	13,5			1 1/4"G	16,7
PULSAR 30/50 T-NA	**104160420**	3x230 V~	0,87	0,55	0,75	2,85		42	38,2	33,8	24,8	13,5			1 1/4"G	17,3
PULSAR 30/50 T-NA	**104160020**	3x400 V~	0,87	0,55	0,75	1,65		42	38,2	33,8	24,8	13,5			1 1/4"G	17,3
PULSAR 40/50 M-A	**104160030**	1x230 V~	1,12	0,75	1	5,2		56	51	45	33	18			1 1/4"G	17,5
PULSAR 40/50 M-NA	**104160040**	1x230 V~	1,12	0,75	1	5,2		56	51	45	33	18			1 1/4"G	17
PULSAR 40/50 T-NA	**104160450**	3x230 V~	1,03	0,75	1	3,2		56	51	45	33	18			1 1/4"G	17,5
PULSAR 40/50 T-NA	**104160050**	3x400 V~	1,03	0,75	1	1,85		56	51	45	33	18			1 1/4"G	17,5
PULSAR 50/50 M-A	**104160060**	1x230 V~	1,45	1	1,36	6,5		72	65,5	58	43,6	24,5			1 1/4"G	18,5
PULSAR 50/50 M-NA	**104160070**	1x230 V~	1,45	1	1,36	6,5		72	65,5	58	43,6	24,5			1 1/4"G	18
PULSAR 50/50 T-NA	**104160480**	3x230 V~	1,35	1	1,36	4,15		72	65,5	58	43,6	24,5			1 1/4"G	18,5
PULSAR 50/50 T-NA	**104160080**	3x400 V~	1,35	1	1,36	2,4		72	65,5	58	43,6	24,5			1 1/4"G	18,5
PULSAR 65/50 M-A	**104160090**	1x230 V~	1,70	1,2	1,6	7,8		86	78,5	70	52,8	29			1 1/4"G	19,5
PULSAR 65/50 M-NA	**104160100**	1x230 V~	1,70	1,2	1,6	7,8		86	78,5	70	52,8	29			1 1/4"G	19
PULSAR 65/50 T-NA	**104160510**	3x230 V~	1,60	1,2	1,6	5	H (m)	86	78,5	70	52,8	29			1 1/4"G	19,5
PULSAR 65/50 T-NA	**104160110**	3x400 V~	1,60	1,2	1,6	2,9		86	78,5	70	52,8	29			1 1/4"G	19,5
PULSAR 30/80 M-A	**104160230**	1x230 V~	1,12	0,75	1	5,2		51	48,2	44,8	39,2	32,4	23,5	13	1 1/4"G	17,5
PULSAR 30/80 M-NA	**104160240**	1x230 V~	1,12	0,75	1	5,2		51	48,2	44,8	39,2	32,4	23,5	13	1 1/4"G	17
PULSAR 30/80 T-NA	**104160650**	3x230 V~	1,03	0,75	1	3,2		51	48,2	44,8	39,2	32,4	23,5	13	1 1/4"G	17,5
PULSAR 30/80 T-NA	**104160250**	3x400 V~	1,03	0,75	1	1,85		51	48,2	44,8	39,2	32,4	23,5	13	1 1/4"G	17,5
PULSAR 40/80 M-A	**104160260**	1x230 V~	1,45	1	1,36	6,5		64	61	56,8	50	41,5	30,5	16,2	1 1/4"	18,5
PULSAR 40/80 M-NA	**104160270**	1x230 V~	1,45	1	1,36	6,5		64	61	56,8	50	41,5	30,5	16,2	1 1/4"	18
PULSAR 40/80 T-NA	**104160680**	3x230 V~	1,35	1	1,36	4,15		64	61	56,8	50	41,5	30,5	16,2	1 1/4"	18,5
PULSAR 40/80 T-NA	**104160280**	3x400 V~	1,35	1	1,36	2,4		64	61	56,8	50	41,5	30,5	16,2	1 1/4"	18,5
PULSAR 50/80 M-A	**104160290**	1x230 V~	1,70	1,2	1,6	7,8		77	73,2	68	60	50	37	19,6	1 1/4"	19,5
PULSAR 50/80 M-NA	**104160300**	1x230 V~	1,70	1,2	1,6	7,8		77	73,2	68	60	50	37	19,6	1 1/4"	19
PULSAR 50/80 T-NA	**104160710**	3x230 V~	1,60	1,2	1,6	5		77	73,2	68	60	50	37	19,6	1 1/4"	19,5
PULSAR 50/80 T-NA	**104160310**	3x400 V~	1,60	1,2	1,6	2,9		77	73,2	68	60	50	37	19,6	1 1/4"	19,5

A= automatic with float **NA**= non automatic without float

PULSAR DRY

5" MULTISTAGE SUBMERSIBLE PUMPS

CE

DOMESTIC WATER SUPPLY

The PULSAR DRY pumps are used in lifting and pressurisation systems for water from primary collection tanks or wells and are suitable for providing pressurised water in domestic systems, small-scale farming and sprinkler systems for gardens and vegetable gardens. The pump is extremely silent and this feature makes it suitable for use with pressurisation systems in unventilated rooms or in areas prone to flooding. Single-piece multi-stage bore-hole pump or of surface with hydraulic assembly positioned under the motor which is cooled by the pumped liquid. Impellers, diffusers, filter and oil sump in abrasion-proof thermoplastic. Pump liner, stator sleeve, upper head with sleeve and sealing ring in AISI 304 steel. Upper and lower bearing supports in dezincification-proof pressed brass. Rotor shaft extension in AISI 304. Elastomers in NBR. Stainless steel hardware. **Double mechanical seal** separated by an oil chamber, in ceramic/carbon on the motor side and carburundum/carburundum on the pump side. The sealing system ensures the motor remains airtight and the mechanical seal holds even after brief periods of no-water operation.
Continuous service asynchronous submersible motor. Stator incorporated in an AISI 304 stainless steel airtight casing with a cover housing the cables and capacitor. Rotor mounted on oversized ball bearings to ensure silent running and long life. **Incorporated thermal current protection and permanently connected capacitor in the single-phase version.** As regards three-phase protection, a motor overload cut out should be fitted, in accordance with current standards. Built to IEC 2-3 and IEC 61-69 (EN 60335-2-41).
Operating range: from 0.9 to 7.2 m^3/h with a head of up to 86 m
Max. quantity of sand in water: 50 gr/m^3
Protection level of motor: IP 68
Protection class of motor: F
Liquid temperature range: da 0°C a +40°C
Maximum depth of immersion: 20 metres
Standard cables: 15 m of HO7 RN F cable complete with SCHUKO EEC 7-VII-UNEL 47166-68 plug for the single-phase version. The single-phase versions can be supplied with or without floats for automatic operation.

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					HYDRAULIC DATA								DNM GAS	DNA GAS	WEIGHT KG
		VOLTAGE 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		H (m)	0	20	40	60	80	100	120			
PULSAR DRY 30/50 M-NA	**104165200**	1x230 V~	0,94	0,55	0,75	4,4		42	38,2	33,8	24,8	13,5			1 1/4"	1 1/4"	16,7
PULSAR DRY 30/50 T-NA	**104165410**	3x230 V~	0,87	0,55	0,75	2,85		42	38,2	33,8	24,8	13,5			1 1/4"	1 1/4"	17,3
PULSAR DRY 30/50 T-NA	**104165210**	3x400 V~	0,87	0,55	0,75	1,65		42	38,2	33,8	24,8	13,5			1 1/4"	1 1/4"	17,3
PULSAR DRY 40/50 M-NA	**104165220**	1x230 V~	1,12	0,75	1	5,2		56	51	45	33	18			1 1/4"	1 1/4"	17,3
PULSAR DRY 40/50 T-NA	**104165430**	3x230 V~	1,03	0,75	1	3,2		56	51	45	33	18			1 1/4"	1 1/4"	17
PULSAR DRY 40/50 T-NA	**104165230**	3x400 V~	1,03	0,75	1	1,85		56	51	45	33	18			1 1/4"	1 1/4"	17
PULSAR DRY 50/50 M-NA	**104165240**	1x230 V~	1,45	1	1,36	6,5		72	65,5	58	43,6	24,5			1 1/4"	1 1/4"	18
PULSAR DRY 50/50 T-NA	**104165450**	3x230 V~	1,35	1	1,36	4,15		72	65,5	58	43,6	24,5			1 1/4"	1 1/4"	18,5
PULSAR DRY 50/50 T-NA	**104165250**	3x400 V~	1,35	1	1,36	2,4		72	65,5	58	43,6	24,5			1 1/4"	1 1/4"	18,5
PULSAR DRY 65/50 M-NA	**104165260**	1x230 V~	1,70	1,2	1,6	7,8		86	78,5	70	52,8	29			1 1/4"	1 1/4"	19
PULSAR DRY 65/50 T-NA	**104165470**	3x230 V~	1,60	1,2	1,6	5		86	78,5	70	52,8	29			1 1/4"	1 1/4"	19,5
PULSAR DRY 65/50 T-NA	**104165270**	3x400 V~	1,60	1,2	1,6	2,9		86	78,5	70	52,8	29			1 1/4"	1 1/4"	19,5
PULSAR DRY 30/80 M-NA	**104165300**	1x230 V~	1,12	0,75	1	5,2		51	48,2	44,8	39,2	32,4	23,5	13	1 1/4"	1 1/4"	17
PULSAR DRY 30/80 T-NA	**104165510**	3x230 V~	1,03	0,75	1	3,2		51	48,2	44,8	39,2	32,4	23,5	13	1 1/4"	1 1/4"	17,5
PULSAR DRY 30/80 T-NA	**104165310**	3x400 V~	1,03	0,75	1	1,85		51	48,2	44,8	39,2	32,4	23,5	13	1 1/4"	1 1/4"	17,5
PULSAR DRY 40/80 M-NA	**104165320**	1x230 V~	0,78	1	1,36	6,5		64	61	56,8	50	41,5	30,5	16,2	1 1/4"	1 1/4"	18
PULSAR DRY 40/80 T-NA	**104165530**	3x230 V~	0,60	1	1,36	4,15		64	61	56,8	50	41,5	30,5	16,2	1 1/4"	1 1/4"	18,5
PULSAR DRY 40/80 T-NA	**104165330**	3x400 V~	0,60	1	1,36	2,4		64	61	56,8	50	41,5	30,5	16,2	1 1/4"	1 1/4"	18,5
PULSAR DRY 50/80 M-NA	**104165340**	1x230 V~	0,94	1,2	1,6	7,8		77	73,2	68	60	50	37	19,6	1 1/4"	1 1/4"	19
PULSAR DRY 50/80 T-NA	**104165550**	3x230 V~	0,87	1,2	1,6	5		77	73,2	68	60	50	37	19,6	1 1/4"	1 1/4"	19,5
PULSAR DRY 50/80 T-NA	**104165350**	3x400 V~	0,87	1,2	1,6	2,9		77	73,2	68	60	50	37	19,6	1 1/4"	1 1/4"	19,5

A= automatic with float **NA**= non automatic without float

DF

DIVER 6

6” MULTISTAGE SUBMERSIBLE PUMPS

CE

DOMESTIC WATER SUPPLY

Multi-stage powerful submersible pumps ideal for rain water systems, operating sprinklers, pumping water from tanks, cisterns, ponds and wells and other applications that require high pressure.
Available with 2, 3 and 4 impellers. Suitable to pump clear water.
Anti-corrosive and rust-proof materials.
Motor with thermic overload protection.
Wear resistant shaft.
Anti-debris stainless steel strainer.

Excellent cooling of the motor that enables the pump to operate even when it is partially submersible.
Automatic version with start/ stop float switch.
Supplied with power cable with plug, non return valve and 4-step fitting.

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA								Ø	CABLE LENGTH M.
		VOLTAGE 50 Hz	P2 NOMINAL		Q m^3/h l/min	0	0,9	1,8	2,7	3,6	4,5	5,1	5,4		
			kW	HP		0	15	30	45	60	75	85	90		
DIVER 6 - 600 M-A	60122630	1 x 230 V	0,55	0,75	H (m)	24	22	19,5	16,2	12,5	7,5	3,7	1,5	1"	15
DIVER 6 - 700 M-A	60122631	1 x 230 V	0,65	0,88		36	32,6	28,5	23,6	17	9,5	4,6	1,8	1"	15
DIVER 6 - 800 M-A	60122632	1 x 230 V	0,75	1		46	41	35,5	29,2	21,8	13,5	7,8	3,5	1"	15

AA - EZ

DIVERTRON

6” ELECTRONIC MULTISTAGE SUBMERSIBLE PUMPS

DIVERTRON

DIVERTRON X

CE

DOMESTIC WATER SUPPLY

Submersible pressure pumps with built-in integrated electronics, designed to automatically start and stop the pump.
Built-in electronic board, pressure switch and flow sensor.
Equipped with dry-run protection.
Built-in non return valve.

Easy to use.
High reliability.
Available with 3 or 4 impellers
Supplied with 15 m power cord.
Available with screen filter or stainless steel ring for use of suction kit.

ACCESSORIES **PAG. 321**

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA								Ø	CABLE LENGTH M.
		VOLTAGE 50 Hz	P2 NOMINAL		Q m^3/h l/min	0	0,9	1,8	2,7	3,6	4,5	5,1	5,4		
			kW	HP		0	15	30	45	60	75	85	90		
DIVERTRON 1000 M	60122623	1 x 230 V	0,55	0,75	H (m)	36	32,6	28,5	23,6	17	9,5	4,6	1,8	1"	15
DIVERTRON X 1000 M	60122625	1 x 230 V	0,55	0,75		36	32,6	28,5	23,6	17	9,5	4,6	1,8	1"	15
DIVERTRON 1200 M	60122626	1 x 230 V	0,75	1		46	41	35,5	29,2	21,8	13,5	7,8	3,5	1"	15
DIVERTRON X 1200 M	60122627	1 x 230 V	0,75	1		46	41	35,5	29,2	21,8	13,5	7,8	3,5	1"	15

KIT DIVERTRON X

MODEL	CODE
DIVERTRON 1000 X + 1 M SUCTION KIT	60165968
DIVERTRON 1200 X + 1 M SUCTION KIT	60165972

MICRA HS

HIGH SPEED 3" SUBMERSIBLE PUMPS

NEWS

DOMESTIC WATER SUPPLY

Electric borehole pumps for 3" wells or larger. These units have a very extensive range of applications for lifting and distribution in domestic and industrial water systems, filling of pressure vessels and tanks, pressure booster and irrigation system.
Multi-stage centrifugal pump type. Pump and motor connected with rigid coupling. Noryl impellers and self-lubricating polyacetyl diffusers. Pump shell, shaft, coupling, filter and cableguard in stainless steel. Base support and delivery head in brass with incorporated non-return valve.
Asynchronous submersible two-pole motor, made of stainless steel AISI304 with brass supports. Squirrel cage rotor mounted on Kingsbury thrust bearing.
Stainless steel canned stator, filled with thermosetting resin with high insulation property and better thermal dissipation capability.
MICRA HS is supplied with ACTIVE DRIVER 2.2, pre-setted to drive the pump at the operation frequency of 130 Hz.

Power supply tolerance: 230 V (+10% / -20%) single-phase
Rotation speed: 7.600 rpm (130 Hz)
Pump voltage: 230 V three-phase
Operating range: from 1 to 5 m^3/h with head up to 150 m
Pumped liquid: clean, free of solid or abrasive contaminants, non-viscous, non-aggressive, chemically neutral, similar to water properties
Maximum permissible sand quantity: 50 g/m^3
Liquid temperature range: from 0°C up to +35°C
Installation: boreholes ≥ 3" diameter and tanks in vertical position. In case of horizontal installation, ensure a minimum load applied to the thrust bearings
Power lead cable: 1,4 m removable cable (available as optional single unit shielded cable 30m, 60m, 90m long)

The packacge contains the pump (hydraulic part and motor) with standard cable and Active Driver.

AD PLUS PAG. 5
ACCESSORIES PAG. 321

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA		Q	HYDRAULIC DATA (n=7600 1/min)										DNM	CABLE
		VOLTAGE 50 Hz	P1 MAX kW	m^3/h	0,5	1	1,5	2	2,5	3	3,5	4	4,5	5	GAS	LENGTH m
				l/min	8	17	25	33	42	50	58	67	75	84		
MICRA HS 2/5	60180974	1x230 V ~	1,1	H (m)	80	68	55	40	24						1"	1,4
MICRA HS 2/7	60180975	1x230 V ~	1,4		105	90	73	55	32						1"	1,4
MICRA HS 2/9	60180976	1x230 V ~	1,7		128	108	87	62	38						1"	1,4
MICRA HS 2/11	60180977	1x230 V ~	2,0		150	130	102	75	45						1"	1,4
MICRA HS 3/2	60180978	1x230 V ~	1,0				40	37	33	29	24	20			1"	1,4
MICRA HS 3/3	60180979	1x230 V ~	1,3				52	48	43	38	34	28			1"	1,4
MICRA HS 3/4	60180980	1x230 V ~	1,6				65	61	56	50	44	36			1"	1,4
MICRA HS 3/5	60180981	1x230 V ~	1,9				78	74	68	61	54	45			1"	1,4
MICRA HS 4/3	60180982	1x230 V ~	1,6						50	46	42	39	35	29	1"	1,4
MICRA HS 4/4	60180983	1x230 V ~	1,9						63	59	55	49	43	34	1"	1,4

* Shielded cable

MICRA

3" SUBMERSIBLE PUMPS

CB[1]

BOOSTER

[1]Required for single-phase versions

CE

DOMESTIC WATER SUPPLY

Centrifugal type. Directly coupled pump and motor with rigid coupling. Impellers and thrust rings in Noryl and diffusers in self-lubricating polyacetyl. Pump liner, shaft and coupling, strainer and cable sheath in stainless steel. Base support and head in brass with check valve incorporated in head. Submersible asynchronous two-pole motor made entirely of AISI 304 stainless steel with brass bearings. Squirrel cage rotor in copper mounted on Kingsbury thrust block. Cooling of the thrust bearing assembly and the bushings is provided by water, thereby eliminating the risk of oil contamination. Canned-type stator in an airtight casing made of AISI 304L stainless steel. The automatic reset thermal protection device is integral with the motor.

Liquid quality requirements: clean, free of solid or abrasive contaminants, non-viscous, chemically neutral, close to the properties of water.
Liquid temperature range: da 0° C a +35° C
Maximum permissible sand quantity: 40 g/m^3
Protection rating: IP 68
Heat insulation class: F
Max. no. of starts: 20/h
Power cable:
MICRA 50 - 1 m.
MICRA 75 - 1,2 m.
MICRA 100 - 1,4 m.

Ready-to-install kit available including single phase electric pump with 15m cable and double capacitor control panel.

ACCESSORIES PAG. 321

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					DNM GAS	WEIGHT KG	HYDRAULIC DATA (n _ 2800 1/min)									
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A			Q m^3/h l/min	0,3 5	0,6 10	0,9 15	1,2 20	1,5 25	1,8 30	2,1 35	2,4 40	2,7 45
MICRA 50 M	0090114	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	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	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	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	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 mt. CABLE + Control Box Booster*	0090116	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 mt. CABLE + Control Box Booster*	0090419	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 mt. CABLE + Control Box Booster*	0090818	1x230 V ~	1,2	0,75	1	6,1	1"	16,4		90	84	78	72	65	56	44	30	14

* Double capacitor booster control panel to optimize the starting torque

CS4 - water filled motor

4" SUBMERSIBLE PUMPS

SAND RESISTANT

DOMESTIC WATER SUPPLY

Multistage, centrifugal, submersible motor-driven pumps for 4" wells or larger, able to generate a vast range of heads and flow rates.
They can be employed in a wide range of lifting, distributing and pressurising applications in civil and industrial water installations, supplying autoclaves and cisterns, fire fighting and washing systems, irrigation systems.

Constructional characteristics:

Base support (with built-in filter) and upper head (with built-in check valve) in technopolymer. Plastic cable cover.

Two-pole, water-filled, submersible TESLA electric motor, built entirely in AISI 304 stainless steel for the parts in contact with the water. Canned-type stator.
Capacitor and manually resettable overload protection inside the panel.
Protection for the three-phase version is the responsibility of the user.

Complete with Control Box, 15 or 30 m of electric wire (depending on the models) and safety cord.

Pumped liquid: clean, free from solid or abrasive substances, chemically neutral and close to the characteristics of water

Liquid temp. range: from 0°C to +40°C

Motor protection level: IP 68

Insulation class: F

Special versions on request: with different voltages and/or frequencies.

Maximum content of sand: 120 g/m^3

Available on request, for the single-phase version, a dual capacitor control panel (BOOSTER) to increase starting torque.

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA										DNM	H mm	LENGHT CABLE mt.	WEIGHT KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P2 NOMINAL		In A	Q=m^{3}h	0	0,6	1,2	1,5	1,8	2,4	3	4,2	4,8	6					
			kW	HP		Q=l/min	0	10	20	25	30	40	50	70	80	100					
CS4A-8 M	104100202	1x230 V ~	0,37	0,5	3,3		51	44,4	26,8	13,7							1 1/4" G-F	577	15	13	27
CS4A-12 M	104100212	1x230 V ~	0,37	0,5	3,3		76,5	66,6	40,2	20,5							1 1/4" G-F	677	15	14,7	27
CS4A-12 T	104103012	3x400 V ~	0,37	0,5	1,6		76,5	66,6	40,2	20,5							1 1/4" G-F	657	15	12,9	27
CS4A-18 M	104100222	1x230 V ~	0,55	0,75	4,6		114,8	99,8	60,3	30,8							1 1/4" G-F	825	30	18,3	18
CS4A-18 T	104103022	3x400 V ~	0,55	0,75	1,9		114,8	99,8	60,3	30,8							1 1/4" G-F	795	30	17,2	18
CS4A-25 M	104100232	1x230 V ~	0,75	1	6,2		159,4	138,7	83,7	42,7							1 1/4" G-F	993	30	22	18
CS4A-25 T	104103032	3x400 V ~	0,75	1	2,4		159,4	138,7	83,7	42,7							1 1/4" G-F	965	30	19,4	18
CS4A-36 M	104100242	1x230 V ~	1,1	1,5	8,6		229,5	200	120,6	61,6							1 1/4" G-F	1303	30	25	18
CS4A-36 T	104103042	3x400 V ~	1,1	1,5	3,4		229,5	200	120,6	61,6							1 1/4" G-F	1245	30	22,6	18
CS4B-5 M	104100402	1x230 V ~	0,37	0,5	3,3		31	30	26	22,6	19	10					1 1/4" G-F	530	15	12,5	27
CS4B-8 M	104100412	1x230 V ~	0,37	0,5	3,3		49,6	47,8	41,5	36,2	30,6	16					1 1/4" G-F	617	15	14	27
CS4B-8 T	104103212	3x400 V ~	0,37	0,5	1,6		49,6	47,8	41,5	36,2	30,6	16					1 1/4" G-F	597	15.	12,2	27
CS4B-12 M	104100422	1x230 V ~	0,55	0,75	4,6		74,4	71,8	62,3	54,4	45,8	24					1 1/4" G-F	735	15	15,9	18
CS4B-12 T	104103222	3x400 V ~	0,55	0,75	1,9		74,4	71,8	62,3	54,4	45,8	24					1 1/4" G-F	707	15	13,5	18
CS4B-16 M	104100432	1x230 V ~	0,75	1	6,2		99,2	95,7	83	72,5	61	32					1 1/4" G-F	853	30	20	18
CS4B-16 T	104103232	3x400 V ~	0,75	1	2,4		99,2	95,7	83	72,5	61	32					1 1/4" G-F	825	30	18,4	18
CS4B-24 M	104100442	1x230 V ~	1,1	1,5	8,6	H	148,8	143,5	124,6	108,7	91,7	48					1 1/4" G-F	1090	30	25	18
CS4B-24 T	104103242	3x400 V ~	1,1	1,5	3,4	(m)	148,8	143,5	124,6	108,7	91,7	48					1 1/4" G-F	1033	30	21	18
CS4C-6 M	104100602	1x230 V ~	0,37	0,5	3,3		33		31,8	30,7	29,4	26,4	22,7	13,2			1 1/4" G-F	632	15	14,1	27
CS4C-6 T	104103402	3x400 V ~	0,37	0,5	1,6		33		31,8	30,7	29,4	26,4	22,7	13,2			1 1/4" G-F	612	15	12	27
CS4C-9 M	104100612	1x230 V ~	0,55	0,75	4,6		49,5		47,7	46	44	39,6	34	19,8			1 1/4" G-F	758	15	14,8	18
CS4C-9 T	104103412	3x400 V ~	0,55	0,75	1,9		49,5		47,7	46	44	39,6	34	19,8			1 1/4" G-F	729	15	13	18
CS4C-13 M	104100622	1x230 V ~	0,75	1	6,2		71,5		68,9	66,4	63,7	57,2	49,2	28,6			1 1/4" G-F	915	30	21,2	18
CS4C-13 T	104103422	3x400 V ~	0,75	1	2,4		71,5		68,9	66,4	63,7	57,2	49,2	28,6			1 1/4" G-F	884	30	18,5	18
CS4C-19 M	104100632	1x230 V ~	1,1	1,5	8,6		104,5		100,7	97	93	83,6	71,8	41,8			1 1/4" G-F	1168	30	23,7	18
CS4C-19 T	104103432	3x400 V ~	1,1	1,5	3,4		104,5		100,7	97	93	83,6	71,8	41,8			1 1/4" G-F	1110	30	21,3	18
CS4D-4 M	104100802	1x230 V ~	0,37	0,5	3,3		24				23	22	21,8	18	16,2	11,2	1 1/4" G-F	567	15	14	27
CS4D-4 T	104103602	3x400 V ~	0,37	0,5	1,6		24				23	22	21,8	18	16,2	11,2	1 1/4" G-F	547	15	11,8	27
CS4D-6 M	104100812	1x230 V ~	0,55	0,75	4,6		36				34,5	33	31,5	27	24,3	16,8	1 1/4" G-F	660	15	14,2	27
CS4D-6 T	104103612	3x400 V ~	0,55	0,75	1,9		36				34,5	33	31,5	27	24,3	16,8	1 1/4" G-F	632	15	13,1	27
CS4D-8 M	104100822	1x230 V ~	0,75	1	6,2		48				46	44	42	36	32,5	22,4	1 1/4" G-F	753	15	17,2	18
CS4D-8 T	104103622	3x400 V ~	0,75	1	2,4		48				46	44	42	36	32,5	22,4	1 1/4" G-F	725	15	14,6	18
CS4D-13 M	104100832	1x230 V ~	1,1	1,5	8,6		78				74,7	71,5	68,3	59	52,6	36,4	1 1/4" G-F	973	30	22,6	18
CS4D-13 T	104103632	3x400 V ~	1,1	1,5	3,4		78				74,7	71,5	68,3	59	52,6	36,4	1 1/4" G-F	915	30	20,2	18

Available trhreephase 3 x 230 V version

CS4 - oil filled motor

4" SUBMERSIBLE PUMPS

SAND RESISTANT

DOMESTIC WATER SUPPLY

Multistage electro pump, centrifugal, submersible for 4" wells or larger, able to produce a wide range of flow rates and heads.
They can be used in a wide range of applications for lifting, pressurizing and distribution, in civil and industrial installations, autoclave and cistern inlets supply, fire fighting, washing plants and irrigation systems.
Construction features:
Base support (with built-in filter) and upper head (with built-in check valve) in technopolymer. Cable cover in plastic.
TESLA two-pole electric motor, oil-filled, submersible, made entirely of AISI 304 stainless steel for the parts in contact with water.
Rewindable stator.
The condenser and overload protection with manual reset are placed in the control panel.
User protection for three-phase version.
Includes Control Box, 15 or 30 m cable (depending on the model) and safety lanyard.
Pumped liquid: clean, free from solids or abrasive substances, chemically neutral, close to water characteristics.
Liquid temperature range: from 0 ° C to +40 ° C.
Degree of motor protection: IP 68.
Insulation class: F.
Special features on request:
with other voltages and / or frequencies.
Maximum admitted amount of sand: 120 g/m3.
Available on request, for the single-phase version, a dual capacitor control panel (BOOSTER) to increase starting torque.

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA										DNM	H mm	LENGHT CABLE mt.	WEIGHT KG	Q.TY x PALLET
		VOLTAGE 50 Hz	P2 NOMINAL kW	P2 NOMINAL HP	In A	Q=m³h	0	0,6	1,2	1,5	1,8	2,4	3	4,2	4,8	6					
						Q=l/min	0	10	20	25	30	40	50	70	80	100					
CS4A-8 M	60117084	1x230 V ~	0,37	0,5	3,5		51	44,4	26,8	13,7							1 1/4" G-F	680	15	12,7	27
CS4A-12 M	60117085	1x230 V ~	0,37	0,5	3,5		76,5	66,6	40,2	20,5							1 1/4" G-F	760	15	14,4	27
CS4A-12 T	60117099	3x400 V ~	0,37	0,5	1,6		76,5	66,6	40,2	20,5							1 1/4" G-F	760	15	13,5	27
CS4A-18 M	60117086	1x230 V ~	0,55	0,75	4,5		114,8	99,8	60,3	30,8							1 1/4" G-F	900	30	17,9	18
CS4A-18 T	60117100	3x400 V ~	0,55	0,75	2,2		114,8	99,8	60,3	30,8							1 1/4" G-F	880	30	17,1	18
CS4A-25 M	60117087	1x230 V ~	0,75	1	6,3		159,4	138,7	83,7	42,7							1 1/4" G-F	1070	30	22	18
CS4A-25 T	60117101	3x400 V ~	0,75	1	2,6		159,4	138,7	83,7	42,7							1 1/4" G-F	1040	30	19	18
CS4A-36 M	60117088	1x230 V ~	1,1	1,5	8,5		229,5	200	120,6	61,6							1 1/4" G-F	1342,5	30	24,1	18
CS4A-36 T	60117102	3x400 V ~	1,1	1,5	3,6		229,5	200	120,6	61,6							1 1/4" G-F	1322,5	30	21,7	18
CS4B-5 M	60117089	1x230 V ~	0,37	0,5	3,5		31	30	26	22,6	19	10					1 1/4" G-F	632,5	15	12,2	27
CS4B-8 M	60115095	1x230 V ~	0,37	0,5	3,5		49,6	47,8	41,5	36,2	30,6	16					1 1/4" G-F	700	15	13,7	27
CS4B-8 T	60117103	3x400 V ~	0,37	0,5	1,6		49,6	47,8	41,5	36,2	30,6	16					1 1/4" G-F	700	15.	12,8	27
CS4B-12 M	60117090	1x230 V ~	0,55	0,75	4,5		74,4	71,8	62,3	54,4	45,8	24					1 1/4" G-F	810	15	15,5	18
CS4B-12 T	60117104	3x400 V ~	0,55	0,75	2,2		74,4	71,8	62,3	54,4	45,8	24					1 1/4" G-F	790	15	13,4	18
CS4B-16 M	60117091	1x230 V ~	0,75	1	6,3		99,2	95,7	83	72,5	61	32					1 1/4" G-F	930	30	20	18
CS4B-16 T	60117105	3x400 V ~	0,75	1	2,6		99,2	95,7	83	72,5	61	32					1 1/4" G-F	900	30	18	18
CS4B-24 M	60117092	1x230 V ~	1,1	1,5	8,5	H (m)	148,8	143,5	124,6	108,7	91,7	48					1 1/4" G-F	1130	30	24,1	18
CS4B-24 T	60117106	3x400 V ~	1,1	1,5	3,6		148,8	143,5	124,6	108,7	91,7	48					1 1/4" G-F	1110	30	20,9	18
CS4C-6 M	60117093	1x230 V ~	0,37	0,5	3,5		33		31,8	30,7	29,4	26,4	22,7	13,2			1 1/4" G-F	715	15	13,8	27
CS4C-6 T	60117107	3x400 V ~	0,37	0,5	1,6		33		31,8	30,7	29,4	26,4	22,7	13,2			1 1/4" G-F	715	15	12,6	27
CS4C-9 M	60117094	1x230 V ~	0,55	0,75	4,5		49,5		47,7	46	44	39,6	34	19,8			1 1/4" G-F	832,5	15	14,4	18
CS4C-9 T	60117108	3x400 V ~	0,55	0,75	2,2		49,5		47,7	46	44	39,6	34	19,8			1 1/4" G-F	812,5	15	12,9	18
CS4C-13 M	60114330	1x230 V ~	0,75	1	6,3		71,5		68,9	66,4	63,7	57,2	49,2	28,6			1 1/4" G-F	992,5	30	21,2	18
CS4C-13 T	60117109	3x400 V ~	0,75	1	2,6		71,5		68,9	66,4	63,7	57,2	49,2	28,6			1 1/4" G-F	962,5	30	18,1	18
CS4C-19 M	60117095	1x230 V ~	1,1	1,5	8,5		104,5		100,7	97	93	83,6	71,8	41,8			1 1/4" G-F	1207,5	30	22,9	18
CS4C-19 T	60117110	3x400 V ~	1,1	1,5	3,6		104,5		100,7	97	93	83,6	71,8	41,8			1 1/4" G-F	1187,5	30	20,4	18
CS4D-4 M	60117096	1x230 V ~	0,37	0,5	3,5		24				23	22	21,8	18	16,2	11,2	1 1/4" G-F	650	15	13,7	27
CS4D-4 T	60117111	3x400 V ~	0,37	0,5	1,6		24				23	22	21,8	18	16,2	11,2	1 1/4" G-F	650	15	12,4	27
CS4D-6 M	60117097	1x230 V ~	0,55	0,75	4,5		36				34,5	33	31,5	27	24,3	16,8	1 1/4" G-F	735	15	13,8	27
CS4D-6 T	60117112	3x400 V ~	0,55	0,75	2,2		36				34,5	33	31,5	27	24,3	16,8	1 1/4" G-F	715	15	13	27
CS4D-8 M	60117098	1x230 V ~	0,75	1	6,3		48				46	44	42	36	32,5	22,4	1 1/4" G-F	830	15	17,2	18
CS4D-8 T	60117113	3x400 V ~	0,75	1	2,6		48				46	44	42	36	32,5	22,4	1 1/4" G-F	800	15	14,2	18
CS4D-13 M	60115096	1x230 V ~	1,1	1,5	8,5		78				74,7	71,5	68,3	59	52,6	36,4	1 1/4" G-F	1012,5	30	21,7	18
CS4D-13 T	60117114	3x400 V ~	1,1	1,5	3,6		78				74,7	71,5	68,3	59	52,6	36,4	1 1/4" G-F	992,5	30	20,7	18

S4

MODEL		P2 NOMINAL		Q (m^3/h) (l/min)	0	0,6	1,2	1,5	1,8	2,4	3	4,2	4,8	6	9	11,4	18	24	27
SINGLE-PHASE	THREE-PHASE	kW	HP		0	10	20	25	30	40	50	70	80	100	150	190	300	400	450
S4A-8 M	-	0,37	0,5		51	44,4	26,8	13,7											
S4A-12 M	-	0,37	0,5		76,5	66,6	40,2	20,5											
S4A-18 M	**S4A-18 T**	0,55	0,75		114,8	99,8	60,3	30,8											
S4A-25 M	**S4A-25 T**	0,75	1		159,4	138,7	83,7	42,7											
S4A-36 M	**S4A-36 T**	1,1	1,5		229,5	200	120,6	61,6											
S4A-50 M	**S4A-50 T**	1,5	2		318,8	277,4	167,5	85,5											
S4B-5 M	-	0,37	0,5		31	30	26	22,6	19	10									
S4B-8 M	-	0,37	0,5		49,6	47,8	41,5	36,2	30,6	16									
S4B-12 M	**S4B-12 T**	0,55	0,75		74,4	71,8	62,3	54,4	45,8	24									
S4B-16 M	**S4B-16 T**	0,75	1		99,2	95,7	83	72,5	61	32									
S4B-24 M	**S4B-24 T**	1,1	1,5		148,8	143,5	124,6	108,7	91,7	48									
S4B-32 M	**S4B-32 T**	1,5	2		198,4	191,4	166	144,9	122,2	64									
S4B-40 M	**S4B-40 T**	2,2	3		248	239,2	207,6	181,2	152,8	80									
S4B-48 M	**S4B-48 T**	2,2	3		297,6	287,1	249,2	217,4	183,4	96									
S4C-6 M	-	0,37	0,5		33		31,8	30,7	29,4	26,4	22,7	13,2							
S4C-9 M	**S4C-9 T**	0,55	0,75		49,5		47,7	46	44	39,6	34	19,8							
S4C-13 M	**S4C-13 T**	0,75	1		71,5		68,9	66,4	63,7	57,2	49,2	28,6							
S4C-19 M	**S4C-19 T**	1,1	1,5		104,5		100,7	97	93	83,6	71,8	41,8							
S4C-25 M	**S4C-25 T**	1,5	2		137,5		132,5	128	122,5	110	94,5	55							
S4C-32 M	**S4C-32 T**	2,2	3		176		169,6	163	156,8	140,8	120,9	70,4							
S4C-39 M	**S4C-39 T**	2,2	3		214,5		206,7	200	191,1	171,6	147,4	85,8							
-	**S4C-45 T**	3	4		247,5		238,5	229	220,5	198	170,1	99							
-	**S4C-51 T**	3	4		280,5		270,3	261	250	224,4	192,8	112,2							
S4D-4 M	-	0,37	0,5	H (m)	24				23	22	21,8	18	16,2	11,2					
S4D-6 M	**S4D-6 T**	0,55	0,75		36				34,5	33	31,5	27	24,3	16,8					
S4D-8 M	**S4D-8 T**	0,75	1		48				46	44	42	36	32,5	22,4					
S4D-13 M	**S4D-13 T**	1,1	1,5		78				74,7	71,5	68,3	59	52,6	36,4					
S4D-17 M	**S4D-17 T**	1,5	2		102				98	93,5	89,5	77,5	68,8	47,6					
S4D-21 M	**S4D-21 T**	2,2	3		126				121	115,5	110	96	85	58,8					
S4D-25 M	**S4D-25 T**	2,2	3		150				144	137,5	132	114,5	101,2	70					
-	**S4D-29 T**	3	4		174				166	159,5	152	132	117,4	81,2					
-	**S4D-34 T**	3	4		204				196	187	179,5	155	137,7	95,2					
-	**S4D-38 T**	4	5,5		228				219	209	200	173	153,9	106,4					
-	**S4D-45 T**	4	5,5		270				259	247,5	237	205	182,2	127					
S4E-6 M	**S4E-6 T**	0,75	1		40,5							31,5	30	27	17,6	7,7			
S4E-8 M	**S4E-8 T**	1,1	1,5		54							42	40	37	23,4	10,3			
S4E-12 M	**S4E-12 T**	1,5	2		81							63	60	55	35,2	15,5			
S4E-17 M	**S4E-17 T**	2,2	3		114,8							89,5	86	78	49,8	21,9			
-	**S4E-20 T**	3	4		135							105	101,5	91	58,6	25,7			
-	**S4E-23 T**	3	4		155,4							120,5	117	104,5	67,4	29,6			
-	**S4E-27 T**	4	5,5		182,4							141,5	137	122,5	79,2	34,8			
-	**S4E-31 T**	4	5,5		209,4							162	156	140	90,9	39,9			
-	**S4E-36 T**	5,5	7,5		243,2							188	180	162	105,5	46,5			
-	**S4E-42 T**	5,5	7,5		283,7							220	211	189	123,2	54			
S4F-7 M	**S4F-7 T**	2,2	3		40,5										36	33	24	15	11
-	**S4F-10 T**	3	4		58										50,8	47	34	22	16
-	**S4F-13 T**	4	5,5		76										66	62	44,7	28	20
-	**S4F-18 T**	5,5	7,5		104,5										91	84	61,2	39	28

S4 - water filled motor

4" SUBMERSIBLE PUMPS

SAND RESISTANT

CE

DOMESTIC, INDUSTRIAL WATER SUPPLY

ErP ready DAB WATER•TECHNOLOGY

Multistage, centrifugal, submersible motor-driven pumps for 4" wells or larger, able to generate a vast range of heads and flow rates.
They can be employed in a wide range of lifting, distributing and pressurising applications in civil and industrial water installations, supplying autoclaves and cisterns, fire fighting and washing systems, irrigation systems.
Constructional characteristics:
Base support and upper head (with built-in check valve) in stainless steel. Stainless steel cable cover.
Two-pole, water-filles, submersible TESLA electric motor, built entirely in AISI 304 stainless steel for the parts in contact with the water. Canned-type stator.
Capacitor and manually resettable overload protection inside the panel.
Protection for the three-phase version is the responsibility of the user.

Pumped liquid: clean, free from solid or abrasive substances, chemically neutral and close to the characteristics of water
Liquid temp. range: from 0°C to +40°C
Motor protection level: IP 68
Insulation class: F
Special versions on request: with different voltages and/or frequencies.
Maximum content of sand: 120 g/m^3
(only for S4F 300 g/m3)
Available on request, for the single-phase version, a dual capacitor control panel (BOOSTER) to increase starting torque.

ACCESSORIES | PAG. 321

TECHNICAL DATA

MODEL	P2 NOMINAL		DNM	VOLTAGE 1x230 ~ V				VOLTAGE 3x230 ~ V			VOLTAGE 3x400 ~ V		
	kW	HP		CODE	In A	WEIGHT (Kg)	CODE CONTROL BOX	CODE	In A	WEIGHT (Kg)	CODE	In A	WEIGHT (Kg)
S4 A 8	0,37	0,5	1 1/4" G-F	504100202	3,3	11,2	108003210						
S4 A 12	0,37	0,5	1 1/4" G-F	504100212	3,3	12,5	108003210						
S4 A 18	0,55	0,75	1 1/4" G-F	504100222	4,6	14,5	108003220	504104212	3,3	13,2	504103022	1,9	13,2
S4 A 25	0,75	1	1 1/4" G-F	504100232	6,2	19,8	108003270	504104222	4,1	15	504103032	2,4	15
S4 A 36	1,1	1,5	1 1/4" G-F	504100242	8,6	19,8	108003280	504104232	5,7	22,6	504103042	3,4	22,6
S4 A 50	1,5	2	1 1/4" G-F	504100252	11	27,8	108003290	504104242	7,6	26,8	504103052	4,4	26,8
S4 B 5	0,37	0,5	1 1/4" G-F	504100402	3,3	10,8	108003210						
S4 B 8	0,37	0,5	1 1/4" G-F	504100412	3,3	12,1	108003210						
S4 B 12	0,55	0,75	1 1/4" G-F	504100422	4,6	14	108003220	504104292	3,3	12,5	504103222	1,9	12,5
S4 B 16	0,75	1	1 1/4" G-F	504100432	6,2	15,9	108003270	504104302	4,1	14,2	504103232	2,4	14,2
S4 B 24	1,1	1,5	1 1/4" G-F	504100442	8,6	22,6	108003280	504104312	5,7	16,7	504103242	3,4	16,7
S4 B 32	1,5	2	1 1/4" G-F	504100452	11	25,4	108003290	504104322	7,6	23,5	504103252	4,4	23,5
S4 B 40	2,2	3	1 1/4" G-F	504100462	16	29	108003300	504104332	10,2	25,3	504103262	5,9	25,3
S4 B 48	2,2	3	1 1/4" G-F	504100472	16	32,3	108003300	504104342	10,2	27,5	504103272	5,9	27,5

* Control box not included

S4 - water filled motor

4" SUBMERSIBLE PUMPS

TECHNICAL DATA

MODEL	P2 NOMINAL		DNM	VOLTAGE 1x230 ~ V				VOLTAGE 3x230 ~ V			VOLTAGE 3x400 ~ V		
	kW	HP		CODE	In A	WEIGHT (Kg)	CODE CONTROL BOX	CODE	In A	WEIGHT (Kg)	CODE	In A	WEIGHT (Kg)
S4 C 6	0,37	0,5	1 1/4" G-F	504100602	3,3	12	108003210						
S4 C 9	0,55	0,75	1 1/4" G-F	504100612	4,6	14,2	108003220	504104392	3,3	12,5	504103412	1,9	12,5
S4 C 13	0,75	1	1 1/4" G-F	504100622	6,2	16,2	108003270	504104402	4,1	14,5	504103422	2,4	14,5
S4 C 19	1,1	1,5	1 1/4" G-F	504100632	8,6	18,6	108003280	504104412	5,7	17,1	504103432	3,4	17,1
S4 C 25	1,5	2	1 1/4" G-F	504100642	11	25,2	108003290	504104422	7,6	23,2	504103442	4,4	23,2
S4 C 32	2,2	3	1 1/4" G-F	504100652	16	27,4	108003300	504104432	10,2	29,5	504103452	5,9	29,5
S4 C 39	2,2	3	1 1/4" G-F	504100662	16	38	108003300	504104442	10,2	33,5	504103462	5,9	33,5
S4 C 45	3	4	1 1/4" G-F					504104452	14,3	42,6	504103472	8,3	42,6
S4 C 51	3	4	1 1/4" G-F					504104462	14,3	44	504103482	8,3	44
S4 D 4	0,37	0,5	1 1/4" G-F	504100802	3,3	11,8	108003210						
S4 D 6	0,55	0,75	1 1/4" G-F	504100812	4,6	13,5	108003220	504104512	3,3	12	504103612	1,9	12
S4 D 8	0,75	1	1 1/4" G-F	504100822	6,2	15	10800 3270	504104522	4,1	13,5	504103622	2,4	13,5
S4 D 13	1,1	1,5	1 1/4" G-F	504100832	8,6	17,5	108003280	504104532	5,7	15,8	504103632	3,4	15,8
S4 D 17	1,5	2	1 1/4" G-F	504100842	11	19,6	108003290	504104542	7,6	17,8	504103642	4,4	17,8
S4 D 21	2,2	3	1 1/4" G-F	504100852	16	24,9	108003300	504104552	10,2	20,1	504103652	5,9	20,1
S4 D 25	2,2	3	1 1/4" G-F	504100862	16	25,8	108003300	504104562	10,2	26,5	504103662	5,9	26,5
S4 D 29	3	4	1 1/4" G-F					504104572	14,3	32,5	504103672	8,3	32,5
S4 D 34	3	4	1 1/4" G-F					504104582	14,3	36,5	504103682	8,3	36,5
S4 D 38	4	5,5	1 1/4" G-F					504104592	17,3	43,6	504103692	10	43,6
S4 D 45	4	5,5	1 1/4" G-F					504104602	17,3	46	504103702	10	46
S4 E 6	0,75	1	2" G-F	504101002	6,2	15,4	108003270	504104642	4,1	13,9	504103802	2,4	13,9
S4 E 8	1,1	1,5	2" G-F	504101012	8,6	17,1	108003280	504104652	5,7	15,5	504103812	3,4	15,5
S4 E 12	1,5	2	2" G-F	504101022	11	19,5	108003290	504104662	7,6	18,5	504103822	4,4	18,5
S4 E 17	2,2	3	2" G-F	504101032	16	25,9	108003300	504104672	10,2	20,9	504103832	5,9	20,9
S4 E 20	3	4	2" G-F					504104682	14,3	25,2	504103842	8,3	25,2
S4 E 23	3	4	2" G-F					504104692	14,3	29,5	504103852	8,3	29,5
S4 E 27	4	5,5	2" G-F					504104702	17,3	45,8	504103862	10	45,8
S4 E 31	4	5,5	2" G-F					504104712	17,3	47	504103872	10	47
S4 E 36	5,5	7,5	2" G-F					504104722	24,2	62	504103882	14	62
S4 E 42	5,5	7,5	2" G-F					504104732	24,2	65	504103892	14	65
S4 F 7	2,2	3	2" G-F	504101122	16	23,5	108003300	504104772	10,2	20	504104002	5,9	20
S4 F 10	3	4	2" G-F					504104782	14,3	26	504104012	8,3	26
S4 F 13	4	5,5	2" G-F					504104792	17,3	34,5	504104022	10	34,5
S4 F 18	5,5	7,5	2" G-F					504104802	24,2	40	504104032	14	40

* Control box not included

S4 - oil filled motor

4" SUBMERSIBLE PUMPS

SAND RESISTANT

ErP ready

DAB WATER•TECHNOLOGY

CE

DOMESTIC, INDUSTRIAL WATER SUPPLY

Multistage electro pump, centrifugal, submersible for 4" wells or larger, able to produce a wide range of flow rates and heads.
They can be used in a wide range of applications for lifting, pressurizing and distribution in civil and industrial installations, autoclave and cistern inlets supply, fire fighting, washing plants and irrigation systems.
Construction features:
Base support and upper head (with built-in check valve) in stainless steel. Stainless steel cable cover.
TESLA two-pole electric motor, oil-filled, submersible, made entirely of AISI 304 stainless steel for the parts in contact with water.
Rewindable stator.
The condenser and overload protection with manual reset are placed in the control panel.
User protection for three-phase version.

Pumped liquid: clean, free from solids or abrasive substances, chemically neutral, close to water characteristics.
Liquid temperature range: from 0 °C to +40 °C.
Degree of motor protection: IP 68.
Insulation class: F.
Special features on request: with other voltages and / or frequencies.
Maximum admitted amount of sand: 120 g/m3. (only for S4F 300 g/m3)
Available on request, for the single-phase version, a dual capacitor control panel (BOOSTER) to increase starting torque.

ACCESSORIES PAG. 321

TECHNICAL DATA

MODEL	P2 NOMINAL		DNM	VOLTAGE 1x230 ~ V				VOLTAGE 3x400 ~ V		
	kW	HP		CODE	In A	WEIGHT (Kg)	CODE CONTROL BOX	CODE	In A	WEIGHT (Kg)
S4 A 8	0,37	0,5	1 1/4" G-F	**60160353**	3,5	10,9	**108003210**			
S4 A 12	0,37	0,5	1 1/4" G-F	**60114325**	3,5	12,2	**108003210**	**60160361**	1,6	10,6
S4 A 18	0,55	0,75	1 1/4" G-F	**60114326**	4,5	14,1	**108003220**	**60160362**	2,2	13,1
S4 A 25	0,75	1	1 1/4" G-F	**60114327**	6,3	19,8	**108003270**	**60160363**	2,6	14,6
S4 A 36	1,1	1,5	1 1/4" G-F	**60114328**	8,5	18,9	**108003280**	**60160366**	3,6	21,7
S4 A 50	1,5	2	1 1/4" G-F	**60114329**	10,8	20,6	**108003290**	**60160367**	4,6	25,9
S4 B 5	0,37	0,5	1 1/4" G-F	**60160354**	3,5	10,5	**108003210**			
S4 B 8	0,37	0,5	1 1/4" G-F	**60153197**	3,5	11,8	**108003210**			
S4 B 12	0,55	0,75	1 1/4" G-F	**60153198**	4,5	13,6	**108003220**	**60160368**	2,2	12,4
S4 B 16	0,75	1	1 1/4" G-F	**60153199**	6,3	15,9	**108003270**	**60160369**	2,6	13,8
S4 B 24	1,1	1,5	1 1/4" G-F	**60153200**	8,5	21,7	**108003280**	**60160370**	3,6	15,8
S4 B 32	1,5	2	1 1/4" G-F	**60160355**	10,8	24,2	**108003290**	**60160373**	4,6	22,6
S4 B 40	2,2	3	1 1/4" G-F	**60160356**	14	29,7	**108003300**	**60160374**	6,0	25,9
S4 B 48	2,2	3	1 1/4" G-F	**60160357**	14	33	**108003300**	**60160375**	6,0	28,1

* Control box not included

S4 - oil filled motor

4” SUBMERSIBLE ELECTRIC PUMP

TECHNICAL DATA

MODEL	P2 NOMINAL		DNM	VOLTAGE 1x230 ~ V				VOLTAGE 3x400 ~ V		
	kW	HP		CODE	In A	WEIGHT (Kg)	CODE CONTROL BOX	CODE	In A	WEIGHT (Kg)
S4 C 6	0,37	0,5	1 1/4" G-F	60160358	3,5	11,7	108003210			
S4 C 9	0,55	0,75	1 1/4" G-F	60153207	4,5	13,8	108003220	60160376	2,2	12,4
S4 C 13	0,75	1	1 1/4" G-F	60118293	6,3	16,2	108003270	60118292	2,6	14,1
S4 C 19	1,1	1,5	1 1/4" G-F	60118296	8,5	17,7	108003280	60118297	3,6	16,2
S4 C 25	1,5	2	1 1/4" G-F	60118632	10,8	24	108003290	60118633	4,6	22,3
S4 C 32	2,2	3	1 1/4" G-F	60121311	14	28,1	108003300	60121320	6,0	30,1
S4 C 39	2,2	3	1 1/4" G-F	60160359	14	38,7	108003300	60160377	6,0	34,1
S4 C 45	3	4	1 1/4" G-F					60160378	7,9	40,2
S4 C 51	3	4	1 1/4" G-F					60160379	7,9	41,9
S4 D 4	0,37	0,5	1 1/4" G-F	60160360	3,5	11,5	108003210	60160380	1,6	10
S4 D 6	0,55	0,75	1 1/4" G-F	60140016	4,5	13,1	108003220	60160381	2,2	11,9
S4 D 8	0,75	1	1 1/4" G-F	60119589	6,3	15	108003270	60160382	2,6	13,1
S4 D 13	1,1	1,5	1 1/4" G-F	60119590	8,5	16,6	108003280	60119592	3,6	14,9
S4 D 17	1,5	2	1 1/4" G-F	60119591	10,8	18,4	108003290	60118291	4,6	16,9
S4 D 21	2,2	3	1 1/4" G-F	60153208	14	25,6	108003300	60119593	6,0	20,7
S4 D 25	2,2	3	1 1/4" G-F	60152693	14	26,5	108003300	60160383	6,0	27,1
S4 D 29	3	4	1 1/4" G-F					60160384	7,9	30,1
S4 D 34	3	4	1 1/4" G-F					60160385	7,9	34,1
S4 D 38	4	5,5	1 1/4" G-F					60160386	10,2	41,5
S4 D 45	4	5,5	1 1/4" G-F					60160387	10,2	43,9
S4 E 6	0,75	1	2" G-F	60140017	6,3	15,4	108003270	60160388	2,6	13,5
S4 E 8	1,1	1,5	2" G-F	60140018	8,5	16,2	108003280	60148953	3,6	14,6
S4 E 12	1,5	2	2" G-F	60121313	10,8	18,3	108003290	60148952	4,6	17,6
S4 E 17	2,2	3	2" G-F	60121314	14	26,6	108003300	60143323	6,0	21,5
S4 E 20	3	4	2" G-F					60118294	7,9	22,8
S4 E 23	3	4	2" G-F					60118295	7,9	27,1
S4 E 27	4	5,5	2" G-F					60160389	10,2	43,7
S4 E 31	4	5,5	2" G-F					60121322	10,2	45,9
S4 E 36	5,5	7,5	2" G-F					60121323	13,1	59,5
S4 E 42	5,5	7,5	2" G-F					60160390	13,1	62,7
S4 F 7	2,2	3	2" G-F	60140019	14	24,2	108003300	60140020	6,0	20,6
S4 F 10	3	4	2" G-F					60119197	7,9	23,6
S4 F 13	4	5,5	2" G-F					60140035	10,2	32,4
S4 F 18	5,5	7,5	2" G-F					60119198	13,1	37,3

* Control box not included

S4
4” SUBMERSIBLE PUMPS

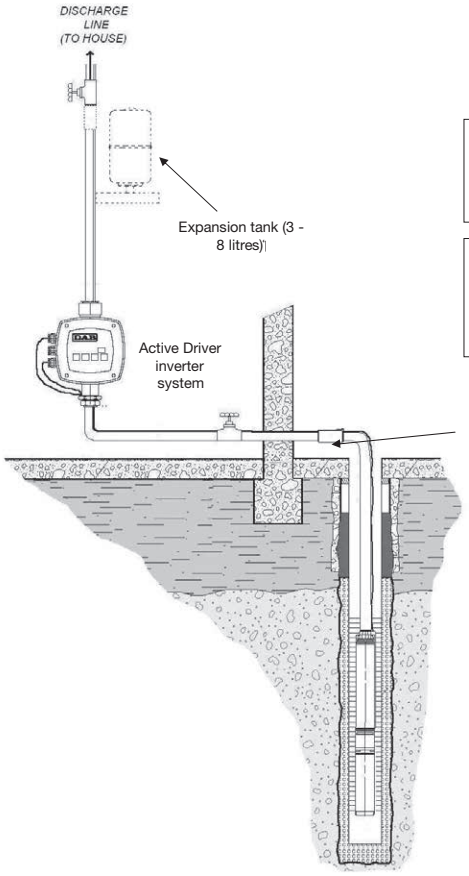
TECHNICAL DATA - ONLY HYDRAULIC PART

MODEL	CODE	ELECTRI. DATA		HYDRAULIC DATA																DNM	WEIGHT KG
		P2 NOMINAL		Q=m³h	0	0,6	1,2	1,5	1,8	2,4	3	4,2	4,8	6	9	11,4	18	24	27		
		kW	HP	Q=l/min	0	10	20	25	30	40	50	70	80	100	150	190	300	400	450		
S4A 8	504200200	0,25	0,33		51	44,4	26,8	13,7												1 1/4" G-F	3,6
S4A 12	504200210	0,37	0,5		76,5	66,6	40,2	20,5												1 1/4" G-F	4,1
S4A 18	504200220	0,55	0,75		114,8	99,8	60,3	30,8												1 1/4" G-F	4,8
S4A 25	504200230	0,75	1		159,4	138,7	83,7	42,7												1 1/4" G-F	5,6
S4A 36	504200240	1,1	1,5		229,5	200	120,6	61,6												1 1/4" G-F	7,3
S4A 50	504200250	1,5	2		318,8	277,4	167,5	85,5												1 1/4" G-F	9
S4B 5	504200400	0,37	0,5		31	30	26	22,6	19	10										1 1/4" G-F	3,2
S4B 8	504200410	0,37	0,5		49,6	47,8	41,5	36,2	30,6	16										1 1/4" G-F	3,7
S4B 12	504200420	0,55	0,75		74,4	71,8	62,3	54,4	45,8	24										1 1/4" G-F	4,2
S4B 16	504200430	0,75	1		99,2	95,7	83	72,5	61	32										1 1/4" G-F	4,8
S4B 24	504200440	1,1	1,5		148,8	143,5	124,6	108,7	91,7	48										1 1/4" G-F	5,8
S4B 32	504200450	1,5	2		198,4	191,4	166	144,9	122,2	64										1 1/4" G-F	7
S4B 40	504200460	2,2	3		248	239,2	207,6	181,2	152,8	80										1 1/4" G-F	8,2
S4B 48	504200470	2,2	3		297,6	287,1	249,2	217,4	183,4	96										1 1/4" G-F	9,7
S4C 6	504200600	0,37	0,5		33		31,8	30,7	29,4	26,4	22,7	13,2								1 1/4" G-F	3,7
S4C 9	504200610	0,55	0,75		49,5		47,7	46	44	39,6	34	19,8								1 1/4" G-F	4,4
S4C 13	504200620	0,75	1		71,5		68,9	66,4	63,7	57,2	49,2	28,6								1 1/4" G-F	5
S4C 19	504200630	1,1	1,5		104,5		100,7	97	93	83,6	71,8	41,8								1 1/4" G-F	6
S4C 25	504200640	1,5	2		137,5		132,5	128	122,5	110	94,5	55								1 1/4" G-F	7,2
S4C 32	504200650	2,2	3		176		169,6	163	156,8	140,8	120,9	70,4								1 1/4" G-F	9,2
S4C 39	504200660	2,2	3		214,5		206,7	200	191,1	171,6	147,4	85,8								1 1/4" G-F	10,4
S4C 45	504200670	3	4		247,5		238,5	229	220,5	198	170,1	99								1 1/4" G-F	11,8
S4C 51	504200680	3	4		280,5		270,3	261	250	224,4	192,8	112,2								1 1/4" G-F	15,5
S4D 4	504200800	0,37	0,5	H (m)	24				23	22	21,8	18	16,2	11,2						1 1/4" G-F	3,3
S4D 6	504200810	0,55	0,75		36				34,5	33	31,5	27	24,3	16,8						1 1/4" G-F	3,7
S4D 8	504200820	0,75	1		48				46	44	42	36	32,5	22,4						1 1/4" G-F	4,5
S4D 13	504200830	1,1	1,5		78				74,7	71,5	68,3	59	52,6	36,4						1 1/4" G-F	5
S4D 17	504200840	1,5	2		102				98	93,5	89,5	77,5	68,8	47,6						1 1/4" G-F	5,7
S4D 21	504200850	2,2	3		126				121	115,5	110	96	85	58,8						1 1/4" G-F	6,6
S4D 25	504200860	2,2	3		150				144	137,5	132	114,5	101,2	70						1 1/4" G-F	7,5
S4D 29	504200870	3	4		174				166	159,5	152	132	117,4	81,2						1 1/4" G-F	8,3
S4D 34	504200880	3	4		204				196	187	179,5	155	137,7	95,2						1 1/4" G-F	7,5
S4D 38	504200890	4	5,5		228				219	209	200	173	153,9	106,4						1 1/4" G-F	10,4
S4D 45	504200900	4	5,5		270				259	247,5	237	205	182,2	127						1 1/4" G-F	12
S4E 6	504201000	0,75	1		40,5							31,5	30	27	17,6	7,7				2" G-F	4,3
S4E 8	504201010	1,1	1,5		54							42	40	37	23,4	10,3				2" G-F	4,8
S4E 12	504201020	1,5	2		81							63	60	55	35,2	15,5				2" G-F	6,1
S4E 17	504201030	2,2	3		114,8							89,5	86	78	49,8	21,9				2" G-F	7,5
S4E 20	504201040	3	4		135							105	101,5	91	58,6	25,7				2" G-F	8,6
S4E 23	504201050	3	4		155,4							120,5	117	104,5	67,4	29,6				2" G-F	9,4
S4E 27	504201060	4	5,5		182,4							141,5	137	122,5	79,2	34,8				2" G-F	10,8
S4E 31	504201070	4	5,5		209,4							162	156	140	90,9	39,9				2" G-F	21,9
S4E 36	504201080	5,5	7,5		243,2							188	180	162	105,5	46,5				2" G-F	23,5
S4E 42	504201090	5,5	7,5		283,7							220	211	189	123,2	54				2" G-F	18,4
S4F 7	504201200	2,2	3		40,5										36	33	24	15	11	2" G-F	5,3
S4F 10	504201210	3	4		58										50,8	47	34	22	16	2" G-F	6,6
S4F 13	504201220	4	5,5		76										66	62	44,7	28	20	2" G-F	8,3
S4F 18	504201230	5,5	7,5		104,5										91	84	61,2	39	28	2" G-F	10

ELECTRONIC SUBMERSIBLE PUMPS EXAMPLE OF SELECTION WITH ACTIVE DRIVER PLUS

+

EXAMPLE OF INSTALLATION



NECESSARY COMPONENTS FOR SYSTEM INSTALLATION

1. Submerged pump
2. Inverter
3. Non-return valve
4. Expansion tank
5. 1 inverter power cable
6. 1 cable between inverter and pump

Caution:

In the version with single phase/single phase inverter (AD M/M 1,1) it is necessary to install the control box model electric panel, containing the starter condenser.

Non-return valve fitted to facilitate maintenance

SUGGESTION:

In some plants, we recommend the installation of a filter upline of the AD so as to prevent damage to the pressure sensor inside the inverter.

AD PLUS PAG. 5

PUMPS MODEL	CODE	PUMPS VOLTAGE 50 Hz	ACTIVE DRIVER PLUS MODEL	CODE	ACTIVE DRIVER PLUS VOLTAGE	MAX. CABLE LENGHT PER SECTION		
						1,5 mm²	2,5 mm²	4 mm²
S4 C 13 - M	504100622	Single-phase 1x230 V~	**ACTIVE DRIVER PLUS M/M 1.1**	60149661	Single-phase 1x230 V~	60 mt	100 mt	160 mt
S4 C 19 - T	504104412	Three-phase 3x230 V~	**ACTIVE DRIVER PLUS M/T 2.2**	60170687	Single-phase 1x230 V~	100 mt	170 mt	270 mt
S4 D 13 - T	504104532	Three-phase 3x230 V~	**ACTIVE DRIVER PLUS M/T 2.2**	60170687	Single-phase 1x230 V~	100 mt	170 mt	270 mt
S4 D 21 - T	504103652	Three-phase 3x400 V~	**ACTIVE DRIVER PLUS T/T 3.0**	60169808	Three-phase 3x400 V~	160 mt	280 mt	-
S4 E 23 - T	504103852	Three-phase 3x400 V~	**ACTIVE DRIVER PLUS T/T 5.5**	60170715	Three-phase 3x400 V~	130 mt	215 mt	350 mt

4GG
4 " SUBMERSIBLE MOTORS

4" Asynchronous two-poles submersible motor, **made in AISI 304 stainless steel** for parts in contact with water. Cooling and lubrication of the thrust bearing assembly and carbon bushes is provided by a **mixture of water and glycol.** Squirrel-cage rotor mounted on Kingsbury self-centring thrust bearing. Stator housed in an airtight stainless steel casing (canned-type) with both flangs and shell in AISI 304L stainless steel. Removable cable connector to allow fast and easy maintenance. The cable is certified ACS, WRAS and KTW. Motor suitable for use with variable frequency drive (30 Hz – 50 Hz). Capacitor and manually resettable overload protection located in the electric panel that can be supplied separately for the single-phase 50 Hz version. Overload protection must be provided by user for the three-phase version.

Flanging: NEMA - 4"
Protection level: IP 68
Insulation class: F
Voltage:
single-phase 220-230 V / 50 Hz
Three-phase 400 V / 50 Hz - 230 V / 50 Hz
Equipped with cable
1,7 m for motor power up to 2,2 kW
2,7 m for motor power up to 3 kW
3,5 m for motor power of 7,5 kW

ACCESSORIES PAG. 321

TECHNICAL DATA

MODEL	CODE	P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	Cs/Cn	P1 (W)	N (min^{-1})	Cos φ	η %	C (μF)	CABLE Ø mm^2	CABLE LC (m)
4GG - 0,37 KW - 230 V - M	60122739	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	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	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	1,5	1,1	1x230 V ~	8,6	3,6	0,68	1820	2830	0,90	62	35	4x1,5	1,7
4GG - 1,5 KW - 230 V - M	60122743	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	3	2,2	1x230 V ~	16	3,1	0,6	3460	2810	0,89	65	60	4x1,5	1,7
4GG - 0,37 KW - 400 V - T	60122746	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	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	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	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	1	0,75	3x400 V ~	2,4	5,0	3,2	1190	2830	0,73	63	-	4x1,5	1,7
4GG - 0,75 KW - 230 V - T	60122749	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	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	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	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	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	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	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	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	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	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	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	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	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	10	7,5	3x400 V ~	17,4	4,8	2,9	9520	2850	0,080	79	-	4x2	3,5

4GX
4 " SUBMERSIBLE MOTORS

AISI 316

4" Asynchronous two-poles submersible motor, **made in full AISI 316 stainless steel.** Cooling and lubrication of the thrust bearing assembly and carbon bushes is provided by a **mixture of water and glycol.** Squirrel-cage rotor mounted on Kingsbury self-centring thrust bearing. Stator housed in an airtight stainless steel casing (canned-type) with both flangs and shell in AISI 316L stainless steel. Removable cable connector to allow fast and easy maintenance. The cable is certified ACS, WRAS and KTW. Motor suitable for use with variable frequency drive (30 Hz – 50 Hz). Mechanical seal in silicon/carbide. Capacitor and manually resettable overload protection located in the electric panel that can be supplied separately for the single-phase 50 Hz version. Overload protection must be provided by user for the three-phase version.

Flanging: NEMA - 4"
Protection level: IP 68
Insulation class: F
Voltage:
single-phase 220-230 V / 50 Hz
Three-phase 400 V / 50 Hz - 230 V / 50 Hz
Equipped with cable
1,7 m for motor power up to 2,2 kW
2,7 m for motor power up to 3 kW
3,5 m for motor power of 7,5 kW

TECHNICAL DATA

MODEL	CODE	P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	Cs/Cn	P1 (W)	N (min^{-1})	Cos φ	η %	C (μF)	CABLE Ø mm^2	CABLE LC (m)
4GX - 0,37 KW - 230 V - M	60141577	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	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	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	1,5	1,1	1x230 V ~	8,6	3,6	0,68	1820	2830	0,90	62	35	4x1,5	1,7
4GX - 1,5 KW - 230 V - M	60141593	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	3	2,2	1x230 V ~	16	3,1	0,6	3460	2810	0,89	65	60	4x1,5	1,7
4GX - 0,37 KW - 400 V - T	60141578	0,5	0,37	3x400 V ~	1,4	3,8	3	710	2820	0,66	53	-	4x1,5	1,7
4GX - 0,37 KW - 230 V - T	60141579	0,5	0,37	3x230 V ~	2,7	3,7	3	710	2820	0,66	53	-	4x1,5	1,7
4GX - 0,55 KW - 400 V - T	60141581	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	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	1	0,75	3x400 V ~	2,4	5,0	3,2	1190	2830	0,73	63	-	4x1,5	1,7
4GX - 0,75 KW - 230 V - T	60141589	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	1,5	1,1	3x400 V ~	3,4	4,1	3,3	1720	2830	0,76	64	-	4x1,5	1,7
4GX - 1,1 KW - 230 V - T	60141592	1,5	1,1	3x230 V ~	5,7	4,2	3,3	1720	2830	0,72	64	-	4x1,5	1,7
4GX - 1,5 KW - 400 V - T	60141594	2	1,5	3x400 V ~	4,4	4,3	3,4	2200	2830	0,72	68	-	4x1,5	1,7
4GX - 1,5 KW - 230 V - T	60141595	2	1,5	3x230 V ~	7,6	4,3	3,4	2200	2830	0,72	68	-	4x1,5	1,7
4GX - 2,2 KW - 400 V - T	60141597	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	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	4	3	3x400 V ~	8,3	4,6	3,3	4050	2840	0,71	74	-	4x1,5	2,7
4GX - 3,0 KW - 230 V - T	60141608	4	3	3x230 V ~	14,3	4,6	3,3	4050	2840	0,71	74	-	4x1,5	2,7
4GX - 4,0 KW - 400 V - T	60141612	5,5	4	3x400 V ~	10	5,6	3,4	5340	2850	0,79	75	-	4x1,5	2,7
4GX - 4,0 KW - 230 V - T	60141613	5,5	4	3x230 V ~	17,3	5,6	3,4	5340	2850	0,79	75	-	4x2	2,7
4GX - 5,5 KW - 400 V - T	60141614	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	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	10	7,5	3x400 V ~	17,4	4,8	2,9	9520	2850	0,080	79	-	4x2	3,5

4TW
4 ” SUBMERSIBLE MOTORS

Submersible asynchronous two-pole motor made of AISI 304 stainless steel for parts in contact with water. Cooling and lubrication of the thrust bearing assembly and the bushings are provided by a **mixture of water and glycol.** Rotor mounted on Kingsbury self-centring thrust block to withstand significant axial loads. Stator in an airtight casing with flanges, and internal and outer jacket in AISI 304L stainless steel.

The cable connector can be removed to guarantee rapid and easy maintenance operations. ACS, WRAS and KTW certified cable. Motor suitable for use with variable frequency drive (30Hz-50Hz). **The capacitor is included in the Noryl cartridge mounted under the motor,** so the motor does not require the use of a control box. Thermal protection included in 0.5 to 1.5 HP motors in the 50 HZ version.

ACCESSORIES PAG. 321

TECHNICAL DATA

MODEL	CODE	P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	Cs/Cn	P1 (W)	N (min^{-1})	Cos φ	η %	C (μF)	CABLE Ø mm^2	CABLE LC (m)
4TW - 0,37 KW - M	**60141225**	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 - M	**60141227**	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 - M	**60141229**	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 - M	**60141231**	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

CE

4" Asynchronous two-poles submersible motor, **rewindable-type,** made in AISI 304 stainless steel for parts in contact with water. Cooling and lubrication of the ball bearings is provided by a **special FDA-approved liquid.** Stator housed in an external shell in AISI 304L (rewindable-type) connected with stainless steel pins to the upper support of the motor. Removable cable connector to allow fast and easy maintenance. The cable is certified ACS, WRAS and KTW.

Motor suitable for use with variable frequency drive (30 Hz – 50 Hz). Mechanical seal in ceramic-carbon. Capacitor and manually resettable overload protection located in the electric panel that can be supplied separately for the single-phase version. Overload protection must be provided by user for the three-phase version. The motor can be equipped with a PT100 temperature sensor.

tesla submersible motors

ACCESSORIES PAG. 321

TECHNICAL DATA

MODEL	CODE	P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	Cs/Cn	P1 (W)	N (min^{-1})	Cos φ	η %	C (μF)	CABLE Ø mm^2	CABLE LC (m)
40L - 0,37 KW - M	**60168915**	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 - M	**60168916**	0,75	0,55	1x230 V ~	4,5	2,7	0,60	950	2800	0,92	58	20	4x1,5	1,7
40L - 0,75 KW - M	**60168917**	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 - M	**60168918**	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 - M	**60168919**	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 - M	**60169099**	3	2,2	1x230 V ~	14	3,2	0,57	3060	2800	0,87	78	60	4x1,5	1,7
40L - 0,37 KW - T	**60168928**	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 - T	**60168920**	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 - T	**60168929**	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 - T	**60168921**	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 - T	**60168930**	1	0,75	3x400 V ~	2,6	3,8	3,7	1200	2820	0,68	62	-	4x1,5	1,7
40L - 0,75 KW - T	**60168922**	1	0,75	3x230 V ~	4,5	3,8	3,7	1200	2820	0,68	62	-	4x1,5	1,7
40L - 1,1 KW - T	**60168931**	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 - T	**60168923**	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 - T	**60168932**	2	1,5	3x400 V ~	4,6	4,3	4,4	2160	2810	0,68	69	-	4x1,5	1,7
40L - 1,5 KW - T	**60168924**	2	1,5	3x230 V ~	7,9	4,4	4,4	2160	2810	0,68	69	-	4x1,5	1,7
40L - 2,2 KW - T	**60167638**	3	2,2	3x400 V ~	6	5,2	3,3	3050	2810	0,7	72	-	4x1,5	1,7
40L - 2,2 KW - T	**60168925**	3	2,2	3x230 V ~	10,4	5,2	3,3	3050	2810	0,7	72	-	4x1,5	1,7
40L - 3 KW - T	**60167644**	4	3	3x400 V ~	7,9	5,7	3,3	4000	2840	0,73	75	-	4x1,5	2,7
40L - 3 KW - T	**60168926**	4	3	3x230 V ~	13,6	5,7	3,3	4000	2840	0,73	75	-	4x1,5	2,7
40L - 4 KW - T	**60167647**	5,5	4	3x400 V ~	10,2	5,4	3,4	5260	2850	0,74	76	-	4x1,5	2,7
40L - 4 KW - T	**60168927**	5,5	4	3x230 V ~	17,6	5,4	3,4	5260	2850	0,74	76	-	4x2	2,7
40L - 5,5 KW - T	**60169101**	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 - T	**60169103**	7,5	5,5	3x230 V ~	22,6	5,4	3,4	6900	2850	0,76	80	-	4x2	2,7
40L - 7,5 KW - T	**60169102**	10	7,5	3x400 V ~	16,9	5,0	3	9030	2840	0,77	81	-	4x2	3,5

SS6
6” SUBMERSIBLE PUMPS

NEW MODELS

ErP ready


SS6A


6GF


TR8

Multistage mixed-flow borehole electric pumps, completely made in stainless steel (AISI 304L or AISI 316 on request), usable for wells from a minimum diameter equal to pump size or greater and capable of developing a wide range of Flows and Heads.
These pumps can be used in a wide range of lifting, distributing, and pressuring application: domestic and general water supply; sprinkler and drip irrigations systems; fire-fighting installations; lowering of groundwater level; industrial supplies as mining, hot springs, autoclaves and tanks.
These pumps are suitable both for standard water and for aggressive water applications by choosing the proper manufacturing material (AISI 304L or AISI 316) both for hydraulic part and motor.
CONSTRUCTION FEATURES: Mixed flow pumps with diffusers, impellers, brackets, suction case and discharge case completely made of stainless steel AISI 304 in order to provide maximum strength, durability, wear and tear resistance.
Coupling with 4”, 6”, 8” or 10” motor depending on the power requested by hydraulic part:
- 4GG: 4” canned submersible motor
- 6GF: 6” canned submersible motor
- TR6: 6” rewindable submersible motor
- TR8: 8” rewindable submersible motor
- TR10: 10” rewindable submersible motor

For inverter application refer to the detailed motor specification

Performance range: flow up to 75 m³/h and max head of 670 m
Max. quantity of sand/silt: 50g/m³
Max. ambient temperature: 30°C (50°C available on request)
Outlet connection diameter (inside threaded):
- SS6 A / SS6 B : 2 ½”
-SS6 C : 3”
- SS6 D – SS6 E : 4”

Nr of starts: refer to the motor specification
Motor Cooling flow: refer to the motor specification
Installation: horizontal or vertical, refer to the motor specification

ON REQUEST:
- Pump body stainless steel AISI 316 for aggressive water application
- Impellers stainless steel AISI 316
- Motors in full stainless steel AISI 316 for aggressive water application
- Star/Delta starting version
- Special version of the motor for high temperature application
- Non-standard power coupling

ACCESSORIES PAG. 321

TECHNICAL DATA - SS6A

MODEL	HYDRAULIC PART CODE	DIRECT STARTING	STAR / DELTA STARTING	ELECTRICAL DATA			DNM GAS	TOTAL WEIGHT KG	H mm	OPERATING BY INVERTER	HORIZ. INSTAL.
		MOTOR CODE	MOTOR CODE	P2 NOMINAL kW	P2 NOMINAL HP	In 400 V (A)					
SS6A 01 + 4GG - 0,55 KW	60170099	60122748	-	0,55	0,75	1,9	2 ½”	11,9	566	●	●
SS6A 02 + 4GG - 1,1 KW	60170100	60122752	-	1,1	1,5	3,4	2 ½”	16,1	676	●	●
SS6A 03 + 4GG - 1,5 KW	60170101	60122754	-	1,5	2	4,4	2 ½”	19	799	●	●
SS6A 04 + 4GG - 2,2 KW	60170102	60122756	-	2,2	3	5,9	2 ½”	23,2	904	●	●
SS6A 05 + 4GG - 2,2 KW	60170103	60122756	-	2,2	3	5,9	2 ½”	24,2	965	●	●
SS6A 06 + 4GG - 2,2 KW	60170104	60122756	-	2,2	3	5,9	2 ½”	26,2	1025	●	●
SS6A 07 + 4GG - 3 KW	60170105	60122758	-	3	4	8,3	2 ½”	33,9	1237	●	●
SS6A 08 + 6GF - 4 KW	60167875	0605500	0605620	4	5,5	10,6	2 ½”	54,4	1078	●	●
SS6A 09 + 6GF - 4 KW	60167876	0605500	0605620	4	5,5	10,6	2 ½”	56,4	1139	●	●
SS6A 10 + 6GF - 4 KW	60167877	0605500	0605620	4	5,5	10,6	2 ½”	57,4	1199	●	●
SS6A 11 + 6GF - 4 KW	60167878	0605500	0605620	4	5,5	10,6	2 ½”	59,4	1260	●	●
SS6A 12 + 6GF - 5,5 KW	60167879	0607500	0607510	5,5	7,5	14	2 ½”	63,6	1320	●	●
SS6A 13 + 6GF - 5,5 KW	60167880	0607500	0607510	5,5	7,5	14	2 ½”	65,6	1381	●	●
SS6A 14 + 6GF - 5,5 KW	60167881	0607500	0607510	5,5	7,5	14	2 ½”	66,6	1441	●	●
SS6A 15 + 6GF - 5,5 KW	60167882	0607500	0607510	5,5	7,5	14	2 ½”	68,6	1502	●	●
SS6A 16 + 6GF - 7,5 KW	60167885	0610000	0611750	7,5	10	18	2 ½”	72,2	1582	●	●
SS6A 17 + 6GF - 7,5 KW	60167886	0610000	0611750	7,5	10	18	2 ½”	73,2	1643	●	●
SS6A 18 + 6GF - 7,5 KW	60167887	0610000	0611750	7,5	10	18	2 ½”	75,2	1703	●	●
SS6A 19 + 6GF - 7,5 KW	60167888	0610000	0611750	7,5	10	18	2 ½”	76,2	1764	●	●
SS6A 20 + 6GF - 7,5 KW	60167889	0610000	0611750	7,5	10	18	2 ½”	78,2	1824	●	●
SS6A 21 + 6GF - 7,5 KW	60167892	0610000	0611750	7,5	10	18	2 ½”	79,2	1885	●	●
SS6A 22 + 6GF - 9,2 KW	60167893	0612500	0614000	9,2	12,5	22	2 ½”	84,6	1975	●	●
SS6A 23 + 6GF - 9,2 KW	60167894	0612500	0614000	9,2	12,5	22	2 ½”	85,6	2036	●	●
SS6A 24 + 6GF - 9,2 KW	60167895	0612500	0614000	9,2	12,5	22	2 ½”	87,6	2096	●	●
SS6A 25 + 6GF - 9,2 KW	60167896	0612500	0614000	9,2	12,5	22	2 ½”	88,6	2157	●	●
SS6A 26 + 6GF - 9,2 KW	60167897	0612500	0614000	9,2	12,5	22	2 ½”	89,6	2217	●	●
SS6A 27 + 6GF - 11 KW	60167898	0615000	0617500	11	15	25,5	2 ½”	96	2298	●	●
SS6A 28 + 6GF - 11 KW	60167899	0615000	0617500	11	15	25,5	2 ½”	97	2358	●	●
SS6A 29 + 6GF - 11 KW	60167900	0615000	0617500	11	15	25,5	2 ½”	99	2419	●	●
SS6A 30 + 6GF - 11 KW	60167901	0615000	0617500	11	15	25,5	2 ½”	100	2479	●	●

When ordering, please specify the codes: pump, motor. The pump and the motor are supplied disassembled.

● allowed
o on demand

TECHNICAL DATA - SS6A

MODEL	HYDRAULIC PART CODE	DIRECT STARTING	STAR / DELTA STARTING	ELECTRICAL DATA			DNM GAS	TOTAL WEIGHT KG	H mm	OPERATING BY INVERTER	HORIZ. INSTAL.
		MOTOR CODE	MOTOR CODE	P2 NOMINAL kW	P2 NOMINAL HP	In 400 V (A)					
SS6A 31 + 6GF - 15 KW	60167902	0620000	0622500	15	20	33,4	2 ½"	108	2643	●	●
SS6A 32 + 6GF - 15 KW	60167903	0620000	0622500	15	20	33,4	2 ½"	109	2703	●	●
SS6A 33 + 6GF - 15 KW	60167904	0620000	0622500	15	20	33,4	2 ½"	111	2764	●	●
SS6A 34 + 6GF - 15 KW	60167905	0620000	0622500	15	20	33,4	2 ½"	112	2824	●	●
SS6A 35 + 6GF - 15 KW	60167906	0620000	0622500	15	20	33,4	2 ½"	113	2885	●	●
SS6A 36 + 6GF - 15 KW	60167907	0620000	0622500	15	20	33,4	2 ½"	115	2945	●	●
SS6A 37 + 6GF - 15 KW	60167908	0620000	0622500	15	20	33,4	2 ½"	116	3006	●	●
SS6A 38 + 6GF - 15 KW	60167909	0620000	0622500	15	20	33,4	2 ½"	118	3066	●	●
SS6A 39 + 6GF - 15 KW	60167910	0620000	0622500	15	20	33,4	2 ½"	150	3377	●	●
SS6A 40 + 6GF - 15 KW	60167911	0620000	0622500	15	20	33,4	2 ½"	151	3437	●	●
SS6A 41 + 6GF - 15 KW	60167912	0620000	0622500	15	20	33,4	2 ½"	153	3498	●	●
SS6A 42 + 6GF - 18,5 KW	60167913	0625000	0627500	18,5	25	41	2 ½"	163	3618	●	●
SS6A 43 + 6GF - 18,5 KW	60167914	0625000	0627500	18,5	25	41	2 ½"	165	3679	●	●
SS6A 44 + 6GF - 18,5 KW	60167915	0625000	0627500	18,5	25	41	2 ½"	167	3739	●	●
SS6A 45 + 6GF - 18,5 KW	60167916	0625000	0627500	18,5	25	41	2 ½"	168	3800	●	●
SS6A 46 + 6GF - 18,5 KW	60167917	0625000	0627500	18,5	25	41	2 ½"	170	3860	●	●
SS6A 47 + 6GF - 18,5 KW	60167918	0625000	0627500	18,5	25	41	2 ½"	172	3921	●	●
SS6A 48 + 6GF - 18,5 KW	60167919	0625000	0627500	18,5	25	41	2 ½"	174	3981	●	●
SS6A 49 + 6GF - 18,5 KW	60167920	0625000	0627500	18,5	25	41	2 ½"	175	4042	●	●
SS6A 50 + 6GF - 22 KW	60169215	0630000	0632400	22	30	47	2 ½"	180,6	4172	●	●
SS6A 51 + 6GF - 22 KW	60169216	0630000	0632400	22	30	47	2 ½"	182,6	4233	●	●
SS6A 52 + 6GF - 22 KW	60169217	0630000	0632400	22	30	47	2 ½"	184,6	4293	●	●
SS6A 53 + 6GF - 22 KW	60169218	0630000	0632400	22	30	47	2 ½"	186,6	4354	●	●
SS6A 54 + 6GF - 22 KW	60169219	0630000	0632400	22	30	47	2 ½"	187,6	4414	●	●
SS6A 55 + 6GF - 22 KW	60169220	0630000	0632400	22	30	47	2 ½"	189,6	4475	●	●
SS6A 56 + 6GF - 22 KW	60169221	0630000	0632400	22	30	47	2 ½"	191,6	4535	●	●
SS6A 57 + 6GF - 22 KW	60169223	0630000	0632400	22	30	47	2 ½"	193,6	4596	●	●
SS6A 58 + 6GF - 22 KW	60169225	0630000	0632400	22	30	47	2 ½"	195,6	4656	●	●
SS6A 59 + 6GF - 22 KW	60169227	0630000	0632400	22	30	47	2 ½"	196,6	4717	●	●
SS6A 60 + 6GF - 22 KW	60169228	0630000	0632400	22	30	47	2 ½"	198,6	4777	●	●

When ordering, please specify the codes: pump, motor. The pump and the motor are supplied disassembled.

● allowed
o on demand

TECHNICAL DATA - SS6A Hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA										DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		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 01	60170099	0,55	0,75		9	9	9	9	9	8	7	6	5	4	2 ½"	5	566	4"
SS6A 02	60170100	1,1	1,5		19	19	19	18	17	16	15	13	10	9	2 ½"	7	676	4"
SS6A 03	60170101	1,5	2		28	28	28	27	26	24	22	19	15	13	2 ½"	8	799	4"
SS6A 04	60170102	2,2	3		37	37	37	36	35	32	29	25	20	18	2 ½"	10	904	4"
SS6A 05	60170103	2,2	3	H (mt)	47	47	46	45	43	41	37	32	26	22	2 ½"	11	965	4"
SS6A 06	60170104	2,2	3		56	56	56	54	52	49	44	38	31	27	2 ½"	13	1025	4"
SS6A 07	60170105	3	4		65	66	65	64	61	57	51	44	36	31	2 ½"	14	1237	4"
SS6A 08	60167875	4	5,5		75	75	74	73	70	65	59	51	41	36	2 ½"	15	753	6"
SS6A 09	60167876	4	5,5		84	84	84	82	78	73	66	57	46	40	2 ½"	17	814	6"
SS6A 10	60167877	4	5,5		93	94	93	91	87	81	73	63	51	44	2 ½"	18	874	6"

TECHNICAL DATA - SS6A Hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA P2 NOMINAL REQUESTED		HYDRAULIC DATA Q=m³h	0,0	2,0	4,0	6,0	8,0	10,0	12,0	14,0	16,0	17,0	DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		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 11	60167878	4	5,5		103	103	102	100	96	89	81	70	56	49	2 ½"	20	935	6"
SS6A 12	60167879	5,5	7,5		112	112	112	109	104	97	88	76	61	53	2 ½"	21	995	6"
SS6A 13	60167880	5,5	7,5		121	122	121	118	113	105	95	82	67	58	2 ½"	23	1056	6"
SS6A 14	60167881	5,5	7,5		131	131	130	127	122	114	103	89	72	62	2 ½"	24	1116	6"
SS6A 15	60167882	5,5	7,5		140	140	139	136	130	122	110	95	77	67	2 ½"	26	1177	6"
SS6A 16	60167885	7,5	10		149	150	149	145	139	130	117	101	82	71	2 ½"	27	1237	6"
SS6A 17	60167886	7,5	10		159	159	158	154	148	138	124	108	87	76	2 ½"	28	1298	6"
SS6A 18	60167887	7,5	10		168	169	167	163	156	146	132	114	92	80	2 ½"	30	1358	6"
SS6A 19	60167888	7,5	10		177	178	177	172	165	154	139	120	97	84	2 ½"	31	1419	6"
SS6A 20	60167889	7,5	10		187	187	186	182	174	162	146	127	102	89	2 ½"	33	1479	6"
SS6A 21	60167892	7,5	10		196	197	195	191	182	170	154	133	108	93	2 ½"	34	1540	6"
SS6A 22	60167893	9,2	12,5		205	206	204	200	191	178	161	139	113	98	2 ½"	36	1600	6"
SS6A 23	60167894	9,2	12,5		215	215	214	209	200	186	168	146	118	102	2 ½"	37	1661	6"
SS6A 24	60167895	9,2	12,5		224	225	223	218	209	195	176	152	123	107	2 ½"	39	1721	6"
SS6A 25	60167896	9,2	12,5		233	234	232	227	217	203	183	158	128	111	2 ½"	40	1782	6"
SS6A 26	60167897	9,2	12,5		243	244	242	236	226	211	190	165	133	116	2 ½"	41	1842	6"
SS6A 27	60167898	11	15		252	253	251	245	235	219	198	171	138	120	2 ½"	43	1903	6"
SS6A 28	60167899	11	15		261	262	260	254	243	227	205	177	143	124	2 ½"	44	1963	6"
SS6A 29	60167900	11	15		270	272	270	263	252	235	212	184	149	129	2 ½"	46	2024	6"
SS6A 30	60167901	11	15		280	281	279	272	261	243	220	190	154	133	2 ½"	47	2084	6"
SS6A 31	60167902	15	20		289	290	288	281	269	251	227	196	159	138	2 ½"	49	2145	6"
SS6A 32	60167903	15	20		298	300	297	290	278	259	234	202	164	142	2 ½"	50	2205	6"
SS6A 33	60167904	15	20		308	309	307	300	287	268	242	209	169	147	2 ½"	52	2266	6"
SS6A 34	60167905	15	20		317	318	316	309	295	276	249	215	174	151	2 ½"	53	2326	6"
SS6A 35	60167906	15	20	H	326	328	325	318	304	284	256	221	179	156	2 ½"	54	2387	6"
SS6A 36	60167907	15	20	(mt)	336	337	335	327	313	292	264	228	184	160	2 ½"	56	2447	6"
SS6A 37	60167908	15	20		345	347	344	336	321	300	271	234	190	164	2 ½"	57	2508	6"
SS6A 38	60167909	15	20		354	356	353	345	330	308	278	240	195	169	2 ½"	59	2568	6"
SS6A 39	60167910	15	20		364	365	362	354	339	316	286	247	200	173	2 ½"	91	2879	6"
SS6A 40	60167911	15	20		373	375	372	363	348	324	293	253	205	178	2 ½"	92	2939	6"
SS6A 41	60167912	15	20		382	384	381	372	356	332	300	259	210	182	2 ½"	94	3000	6"
SS6A 42	60167913	18,5	25		392	393	390	381	365	341	308	266	215	187	2 ½"	96	3060	6"
SS6A 43	60167914	18,5	25		401	403	400	390	374	349	315	272	220	191	2 ½"	98	3121	6"
SS6A 44	60167915	18,5	25		410	412	409	399	382	357	322	278	225	196	2 ½"	100	3181	6"
SS6A 45	60167916	18,5	25		420	421	418	408	391	365	330	285	231	200	2 ½"	101	3242	6"
SS6A 46	60167917	18,5	25		429	431	428	418	400	373	337	291	236	204	2 ½"	103	3302	6"
SS6A 47	60167918	18,5	25		438	440	437	427	408	381	344	297	241	209	2 ½"	105	3363	6"
SS6A 48	60167919	18,5	25		448	450	446	436	417	389	352	304	246	213	2 ½"	107	3423	6"
SS6A 49	60167920	18,5	25		457	459	455	445	426	397	359	310	251	218	2 ½"	108	3484	6"
SS6A 50	60169215	22	30		466	468	465	454	434	405	366	316	256	222	2 ½"	110	3544	6"
SS6A 51	60169216	22	30		476	478	474	463	443	414	373	323	261	227	2 ½"	112	3605	6"
SS6A 52	60169217	22	30		485	487	483	472	452	422	381	329	266	231	2 ½"	114	3665	6"
SS6A 53	60169218	22	30		494	496	493	481	460	430	388	335	272	236	2 ½"	116	3726	6"
SS6A 54	60169219	22	30		504	506	502	490	469	438	395	342	277	240	2 ½"	117	3786	6"
SS6A 55	60169220	22	30		513	515	511	499	478	446	403	348	282	244	2 ½"	119	3847	6"
SS6A 56	60169221	22	30		522	524	520	508	487	454	410	354	287	249	2 ½"	121	3907	6"
SS6A 57	60169223	22	30		532	534	530	517	495	462	417	361	292	253	2 ½"	123	3968	6"
SS6A 58	60169225	22	30		541	543	539	526	504	470	425	367	297	258	2 ½"	125	4028	6"
SS6A 59	60169227	22	30		550	553	548	536	513	478	432	373	302	262	2 ½"	126	4089	6"
SS6A 60	60169228	22	30		560	562	558	545	521	486	439	380	307	267	2 ½"	128	4149	6"

TECHNICAL DATA - SS6B

MODEL	HYDRAULIC PART CODE	DIRECT STARTING	STAR / DELTA STARTING	ELECTRICAL DATA			DNM GAS	TOTAL WEIGHT KG	H mm	OPERATING BY INVERTER	HORIZ. INSTAL.
		MOTOR CODE	MOTOR CODE	P2 NOMINAL		In 400 V (A)					
				kW	HP						
SS6B 01 + 4GG - 0,75 KW	60170130	60122750	-	0,75	1	2,4	2 ½"	13,1	596	●	●
SS6B 02 + 4GG - 1,5 KW	60170131	60122754	-	1,5	2	4,4	2 ½"	18	738	●	●
SS6B 03 + 4GG - 2,2 KW	60170132	60122756	-	2,2	3	5,9	2 ½"	21,2	844	●	●
SS6B 04 + 4GG - 3 KW	60170133	60122758	-	3	4	8,3	2 ½"	29,9	1055	●	●
SS6B 05 + 4GG - 3 KW	60170144	60122758	-	3	4	8,3	2 ½"	30,9	1116	●	●
SS6B 06 + 6GF - 4 KW	60167925	0605500	0605620	4	5,5	10,6	2 ½"	52,4	1232	●	●
SS6B 07 + 6GF - 4 KW	60167199	0605500	0605620	4	5,5	10,6	2 ½"	53,4	1018	●	●
SS6B 08 + 6GF - 5,5 KW	60167926	0607500	0607510	5,5	7,5	14	2 ½"	58,6	1078	●	●
SS6B 09 + 6GF - 5,5 KW	60167927	0607500	0607510	5,5	7,5	14	2 ½"	59,6	1139	●	●
SS6B 10 + 6GF - 5,5 KW	60167200	0607500	0607510	5,5	7,5	14	2 ½"	60,6	1199	●	●
SS6B 11 + 6GF - 7,5 KW	60167928	0610000	0611750	7,5	10	18	2 ½"	65,2	1280	●	●
SS6B 12 + 6GF - 7,5 KW	60167929	0610000	0611750	7,5	10	18	2 ½"	66,2	1340	●	●
SS6B 13 + 6GF - 7,5 KW	60167201	0610000	0611750	7,5	10	18	2 ½"	68,2	1401	●	●
SS6B 14 + 6GF - 7,5 KW	60167930	0610000	0611750	7,5	10	18	2 ½"	69,2	1461	●	●
SS6B 15 + 6GF - 9,2 KW	60167202	0612500	0614000	9,3	12,5	22	2 ½"	74,6	1552	●	●
SS6B 16 + 6GF - 9,2 KW	60167931	0612500	0614000	9,3	12,5	22	2 ½"	75,6	1612	●	●
SS6B 17 + 6GF - 9,2 KW	60167203	0612500	0614000	9,3	12,5	22	2 ½"	77,6	1673	●	●
SS6B 18 + 6GF - 11 KW	60167932	0615000	0617500	11	15	25,5	2 ½"	83	1753	●	●
SS6B 19 + 6GF - 11 KW	60167933	0615000	0617500	11	15	25,5	2 ½"	84	1814	●	●
SS6B 20 + 6GF - 11 KW	60167204	0615000	0617500	11	15	25,5	2 ½"	86	1874	●	●
SS6B 21 + 6GF - 15 KW	60167934	0620000	0622500	15	20	33,4	2 ½"	93	2038	●	●
SS6B 22 + 6GF - 15 KW	60167205	0620000	0622500	15	20	33,4	2 ½"	95	2098	●	●
SS6B 23 + 6GF - 15 KW	60167935	0620000	0622500	15	20	33,4	2 ½"	96	2159	●	●
SS6B 24 + 6GF - 15 KW	60167206	0620000	0622500	15	20	33,4	2 ½"	98	2219	●	●
SS6B 25 + 6GF - 15 KW	60167938	0620000	0622500	15	20	33,4	2 ½"	99	2280	●	●
SS6B 26 + 6GF - 15 KW	60167939	0620000	0622500	15	20	33,4	2 ½"	101	2340	●	●
SS6B 27 + 6GF - 15 KW	60167207	0620000	0622500	15	20	33,4	2 ½"	102	2401	●	●
SS6B 28 + 6GF - 15 KW	60167940	0620000	0622500	15	20	33,4	2 ½"	104	2461	●	●
SS6B 29 + 6GF - 18,5 KW	60167941	0625000	0627500	18,5	25	41	2 ½"	113	2582	●	●
SS6B 30 + 6GF - 18,5 KW	60167208	0625000	0627500	18,5	25	41	2 ½"	114	2642	●	●

When ordering, please specify the codes: pump, motor. The pump and the motor are supplied disassembled.

● allowed
o on demand

TECHNICAL DATA - SS6B

MODEL	HYDRAULIC PART CODE	DIRECT STARTING	STAR / DELTA STARTING	ELECTRICAL DATA			DNM GAS	TOTAL WEIGHT KG	H mm	OPERATING BY INVERTER	HORIZ. INSTAL.
		MOTOR CODE	MOTOR CODE	P2 NOMINAL		In 400 V (A)					
				kW	HP						
SS6B 31 + 6GF - 18,5 KW	60167209	0625000	0627500	18,5	25	41	2 ½"	116	2703	●	●
SS6B 32 + 6GF - 18,5 KW	60167942	0625000	0627500	18,5	25	41	2 ½"	117	2763	●	●
SS6B 33 + 6GF - 18,5 KW	60167210	0625000	0627500	18,5	25	41	2 ½"	119	2824	●	●
SS6B 34 + 6GF - 18,5 KW	60167943	0625000	0627500	18,5	25	41	2 ½"	120	2884	●	●
SS6B 35 + 6GF - 22 KW	60167944	0630000	0632400	22	30	47	2 ½"	125,6	3015	●	●
SS6B 36 + 6GF - 22 KW	60167211	0630000	0632400	22	30	47	2 ½"	126,6	3075	●	●
SS6B 37 + 6GF - 22 KW	60167945	0630000	0632400	22	30	47	2 ½"	128,6	3136	●	●
SS6B 38 + 6GF - 22 KW	60167212	0630000	0632400	22	30	47	2 ½"	129,6	3196	●	●
SS6B 39 + 6GF - 22 KW	60167946	0630000	0632400	22	30	47	2 ½"	161,6	3507	●	●
SS6B 40 + 6GF - 22 KW	60167213	0630000	0632400	22	30	47	2 ½"	163,6	3567	●	●
SS6B 41 + 6GF - 22 KW	60167947	0630000	0632400	22	30	47	2 ½"	165,6	3628	●	●
SS6B 42 + 6GF - 30 KW	60167948	0640000	0642500	30	40	61,5	2 ½"	182,8	3758	●	●
SS6B 43 + 6GF - 30 KW	60167949	0640000	0642500	30	40	61,5	2 ½"	184,8	3819	●	●
SS6B 44 + 6GF - 30 KW	60167950	0640000	0642500	30	40	61,5	2 ½"	186,8	3879	●	●
SS6B 45 + 6GF - 30 KW	60167951	0640000	0642500	30	40	61,5	2 ½"	188,8	3940	●	●
SS6B 46 + 6GF - 30 KW	60167952	0640000	0642500	30	40	61,5	2 ½"	189,8	4000	●	●
SS6B 47 + 6GF - 30 KW	60167953	0640000	0642500	30	40	61,5	2 ½"	191,8	4061	●	●
SS6B 48 + 6GF - 30 KW	60167954	0640000	0642500	30	40	61,5	2 ½"	193,8	4121	●	●
SS6B 49 + 6GF - 30 KW	60167955	0640000	0642500	30	40	61,5	2 ½"	195,8	4182	●	●
SS6B 50 + 6GF - 30 KW	60167956	0640000	0642500	30	40	61,5	2 ½"	197,8	4242	●	●
SS6B 51 + 6GF - 30 KW	60167957	0640000	0642500	30	40	61,5	2 ½"	198,8	4303	●	●
SS6B 52 + 6GF - 30 KW	60167958	0640000	0642500	30	40	61,5	2 ½"	200,8	4363	●	●
SS6B 53 + 6GF - 30 KW	60167959	0640000	0642500	30	40	61,5	2 ½"	202,8	4424	●	●
SS6B 54 + 6GF - 30 KW	60169229	0640000	0642500	30	40	61,5	2 ½"	204,8	4484	●	●
SS6B 55 + 6GF - 30 KW	60169236	0640000	0642500	30	40	61,5	2 ½"	206,8	4545	●	●
SS6B 56 + 6GF - 30 KW	60169237	0640000	0642500	30	40	61,5	2 ½"	207,8	4605	●	●
SS6B 57 + 6GF - 37 KW	60169238	0650000	0650005	37	50	79,3	2 ½"	221,8	4746	●	●
SS6B 58 + 6GF - 37 KW	60169239	0650000	0650005	37	50	79,3	2 ½"	223,8	4806	●	●
SS6B 59 + 6GF - 37 KW	60169240	0650000	0650005	37	50	79,3	2 ½"	225,8	4867	●	●
SS6B 60 + 6GF - 37 KW	60169241	0650000	0650005	37	50	79,3	2 ½"	227,8	4927	●	●

When ordering, please specify the codes: pump, motor. The pump and the motor are supplied disassembled.

● allowed
o on demand

TECHNICAL DATA - SS6B Hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA P2 NOMINAL REQUESTED		HYDRAULIC DATA Q=m³h	0,0	6,0	8,0	10,0	12,0	14,0	15,0	16,0	18,0	20,0	DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		kW	HP	Q=l/sec	0,0	1,7	2,2	2,8	3,3	3,9	4,2	4,4	5,0	5,6				
SS6B 01	60170130	0,75	1		11	11	11	10	10	9	9	9	8	6	2 ½"	13,1	330	4"
SS6B 02	60170131	1,5	2		23	22	22	21	20	19	18	17	15	13	2 ½"	18	390	4"
SS6B 03	60170132	2,2	3		34	33	33	31	30	28	27	26	23	19	2 ½"	21,2	451	4"
SS6B 04	60170133	3	4		45	44	43	42	40	37	36	34	30	26	2 ½"	29,9	511	4"
SS6B 05	60170144	3	4		56	55	54	52	50	47	45	43	38	32	2 ½"	30,9	572	4"
SS6B 06	60167925	4	5,5		68	66	65	63	60	56	54	51	45	39	2 ½"	52,4	632	6"
SS6B 07	60167199	4	5,5		79	77	76	73	70	65	63	60	53	45	2 ½"	14	693	6"
SS6B 08	60167926	5,5	7,5		90	89	87	84	80	75	71	68	60	52	2 ½"	16	753	6"
SS6B 09	60167927	5,5	7,5		102	100	98	94	90	84	80	77	68	58	2 ½"	17	814	6"
SS6B 10	60167200	5,5	7,5		113	111	108	105	100	93	89	85	76	65	2 ½"	18	874	6"
SS6B 11	60167928	7,5	10		124	122	119	115	110	102	98	94	83	71	2 ½"	20	935	6"
SS6B 12	60167929	7,5	10		135	133	130	126	120	112	107	102	91	78	2 ½"	21	995	6"
SS6B 13	60167201	7,5	10		147	144	141	136	130	121	116	111	98	84	2 ½"	23	1056	6"
SS6B 14	60167930	7,5	10		158	155	152	147	140	130	125	119	106	91	2 ½"	24	1116	6"
SS6B 15	60167202	9,3	12,5		169	166	163	157	150	140	134	128	113	97	2 ½"	26	1177	6"
SS6B 16	60167931	9,3	12,5	H (mt)	181	177	173	168	160	149	143	136	121	103	2 ½"	27	1237	6"
SS6B 17	60167203	9,3	12,5		192	188	184	178	170	158	152	145	128	110	2 ½"	29	1298	6"
SS6B 18	60167932	11	15		203	199	195	189	180	168	161	153	136	116	2 ½"	30	1358	6"
SS6B 19	60167933	11	15		214	210	206	199	190	177	170	162	143	123	2 ½"	31	1419	6"
SS6B 20	60167204	11	15		226	221	217	210	199	186	179	170	151	129	2 ½"	33	1479	6"
SS6B 21	60167934	15	20		237	232	228	220	209	196	188	179	159	136	2 ½"	34	1540	6"
SS6B 22	60167205	15	20		248	243	238	230	219	205	196	187	166	142	2 ½"	36	1600	6"
SS6B 23	60167935	15	20		260	254	249	241	229	214	205	196	174	149	2 ½"	37	1661	6"
SS6B 24	60167206	15	20		271	266	260	251	239	224	214	204	181	155	2 ½"	39	1721	6"
SS6B 25	60167938	15	20		282	277	271	262	249	233	223	213	189	162	2 ½"	40	1782	6"
SS6B 26	60167939	15	20		293	288	282	272	259	242	232	221	196	168	2 ½"	42	1842	6"
SS6B 27	60167207	15	20		305	299	293	283	269	252	241	230	204	175	2 ½"	43	1903	6"
SS6B 28	60167940	15	20		316	310	303	293	279	261	250	238	211	181	2 ½"	45	1963	6"
SS6B 29	60167941	18,5	25		327	321	314	304	289	270	259	247	219	188	2 ½"	46	2024	6"
SS6B 30	60167208	18,5	25		339	332	325	314	299	280	268	255	227	194	2 ½"	47	2084	6"

TECHNICAL DATA - SS6B Hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA P2 NOMINAL REQUESTED		HYDRAULIC DATA Q=m³h	0,0	6,0	8,0	10,0	12,0	14,0	15,0	16,0	18,0	20,0	DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		kW	HP	Q=l/sec	0,0	1,7	2,2	2,8	3,3	3,9	4,2	4,4	5,0	5,6				
SS6B 31	60167209	18,5	25		350	343	336	325	309	289	277	264	234	200	2 ½"	49	2145	6"
SS6B 32	60167942	18,5	25		361	354	347	335	319	298	286	272	242	207	2 ½"	50	2205	6"
SS6B 33	60167210	18,5	25		372	365	358	346	329	307	295	281	249	213	2 ½"	52	2266	6"
SS6B 34	60167943	18,5	25		384	376	368	356	339	317	304	289	257	220	2 ½"	53	2326	6"
SS6B 35	60167944	22	30		395	387	379	367	349	326	313	298	264	226	2 ½"	55	2387	6"
SS6B 36	60167211	22	30		406	398	390	377	359	335	322	306	272	233	2 ½"	56	2447	6"
SS6B 37	60167945	22	30		418	409	401	388	369	345	330	315	279	239	2 ½"	58	2508	6"
SS6B 38	60167212	22	30		429	420	412	398	379	354	339	323	287	246	2 ½"	59	2568	6"
SS6B 39	60167946	22	30		440	432	423	409	389	363	348	332	294	252	2 ½"	91	2879	6"
SS6B 40	60167213	22	30		451	443	433	419	399	373	357	340	302	259	2 ½"	93	2939	6"
SS6B 41	60167947	22	30		463	454	444	430	409	382	366	349	310	265	2 ½"	95	3000	6"
SS6B 42	60167948	30	40		474	465	455	440	419	391	375	357	317	272	2 ½"	96	3060	6"
SS6B 43	60167949	30	40		485	476	466	450	429	401	384	366	325	278	2 ½"	98	3121	6"
SS6B 44	60167950	30	40		497	487	477	461	439	410	393	374	332	284	2 ½"	100	3181	6"
SS6B 45	60167951	30	40		508	498	488	471	449	419	402	383	340	291	2 ½"	102	3242	6"
SS6B 46	60167952	30	40	H (mt)	519	509	498	482	459	429	411	391	347	297	2 ½"	103	3302	6"
SS6B 47	60167953	30	40		531	520	509	492	469	438	420	400	355	304	2 ½"	105	3363	6"
SS6B 48	60167954	30	40		542	531	520	503	479	447	429	408	362	310	2 ½"	107	3423	6"
SS6B 49	60167955	30	40		553	542	531	513	489	457	438	417	370	317	2 ½"	109	3484	6"
SS6B 50	60167956	30	40		564	553	542	524	499	466	447	425	378	323	2 ½"	111	3544	6"
SS6B 51	60167957	30	40		576	564	553	534	509	475	456	434	385	330	2 ½"	112	3605	6"
SS6B 52	60167958	30	40		587	575	563	545	519	485	464	442	393	336	2 ½"	114	3665	6"
SS6B 53	60167959	30	40		598	586	574	555	529	494	473	451	400	343	2 ½"	116	3726	6"
SS6B 54	60169229	30	40		610	597	585	566	539	503	482	459	408	349	2 ½"	118	3786	6"
SS6B 55	60169236	30	40		621	609	596	576	549	512	491	468	415	356	2 ½"	120	3847	6"
SS6B 56	60169237	30	40		632	620	607	587	559	522	500	476	423	362	2 ½"	121	3907	6"
SS6B 57	60169238	37	50		643	631	618	597	569	531	509	485	430	369	2 ½"	123	3968	6"
SS6B 58	60169239	37	50		655	642	628	608	578	540	518	493	438	375	2 ½"	125	4028	6"
SS6B 59	60169240	37	50		666	653	639	618	588	550	527	502	446	381	2 ½"	127	4089	6"
SS6B 60	60169241	37	50		677	664	650	629	598	559	536	510	453	388	2 ½"	129	4149	6"

TECHNICAL DATA - SS6C

MODEL	HYDRAULIC PART CODE	DIRECT STARTING	STAR / DELTA STARTING	ELECTRICAL DATA			DNM GAS	TOTAL WEIGHT KG	H mm	OPERATING BY INVERTER	HORIZ. INSTAL.
		MOTOR CODE	MOTOR CODE	P2 NOMINAL kW	P2 NOMINAL HP	In 400 V (A)					
SS6C 01 + 4GG - 1,1 KW	60170154	60122752	-	1,1	1,5	3,4	3"	15,1	650	●	●
SS6C 02 + 4GG - 2,2 KW	60170155	60122756	-	2,2	3	5,9	3"	22,2	852	●	●
SS6C 03 + 4GG - 3 KW	60170156	60122758	-	3	4	8,3	3"	30,9	1098	●	●
SS6C 04 + 6GF - 4 KW	60167215	0605500	0605620	4	5,5	10,6	3"	52,4	974	●	●
SS6C 05 + 6GF - 5,5 KW	60167216	0607500	0607510	5,5	7,5	14	3"	57,6	1069	●	●
SS6C 06 + 6GF - 5,5 KW	60167217	0607500	0607510	5,5	7,5	14	3"	59,6	1164	●	●
SS6C 07 + 6GF - 7,5 KW	60167962	0610000	0611750	7,5	10	18	3"	64,2	1279	●	●
SS6C 08 + 6GF - 7,5 KW	60167218	0610000	0611750	7,5	10	18	3"	66,2	1374	●	●
SS6C 09 + 6GF - 9,2 KW	60167963	0612500	0614000	9,2	12,5	22	3"	71,6	1499	●	●
SS6C 10 + 6GF - 9,2 KW	60167964	0612500	0614000	9,2	12,5	22	3"	73,6	1594	●	●
SS6C 11 + 6GF - 9,2 KW	60167219	0612500	0614000	9,2	12,5	22	3"	75,6	1689	●	●
SS6C 12 + 6GF - 11 KW	60167965	0615000	0617500	11	15	25,5	3"	82	1804	●	●
SS6C 13 + 6GF - 11 KW	60167220	0615000	0617500	11	15	25,5	3"	84	1899	●	●
SS6C 14 + 6GF - 15 KW	60167966	0620000	0622500	15	20	33,4	3"	92	2097	●	●
SS6C 15 + 6GF - 15 KW	60167221	0620000	0622500	15	20	33,4	3"	95	2192	●	●
SS6C 16 + 6GF - 15 KW	60167967	0620000	0622500	15	20	33,4	3"	97	2287	●	●
SS6C 17 + 6GF - 15 KW	60167222	0620000	0622500	15	20	33,4	3"	99	2382	●	●
SS6C 18 + 6GF - 18,5 KW	60167968	0625000	0627500	18,5	25	41	3"	109	2537	●	●
SS6C 19 + 6GF - 18,5 KW	60167223	0625000	0627500	18,5	25	41	3"	111	2632	●	●
SS6C 20 + 6GF - 18,5 KW	60167225	0625000	0627500	18,5	25	41	3"	113	2727	●	●
SS6C 21 + 6GF - 18,5 KW	60167226	0625000	0627500	18,5	25	41	3"	115	2822	●	●
SS6C 22 + 6GF - 22 KW	60167969	0630000	0632400	22	30	47	3"	120,6	2987	●	●
SS6C 23 + 6GF - 22 KW	60167227	0630000	0632400	22	30	47	3"	122,6	3082	●	●
SS6C 24 + 6GF - 22 KW	60167970	0630000	0632400	22	30	47	3"	124,6	3177	●	●
SS6C 25 + 6GF - 22 KW	60167971	0630000	0632400	22	30	47	3"	126,6	3272	●	●
SS6C 26 + 6GF - 22 KW	60167228	0630000	0632400	22	30	47	3"	128,6	3367	●	●
SS6C 27 + 6GF - 30 KW	60167972	0640000	0642500	30	40	61,5	3"	146,8	3532	●	●
SS6C 28 + 6GF - 30 KW	60167973	0640000	0642500	30	40	61,5	3"	149,8	3627	●	●
SS6C 29 + 6GF - 30 KW	60167974	0640000	0642500	30	40	61,5	3"	151,8	3722	●	●
SS6C 30 + 6GF - 30 KW	60167229	0640000	0642500	30	40	61,5	3"	153,8	3817	●	●
SS6C 31 + 6GF - 30 KW	60167975	0640000	0642500	30	40	61,5	3"	155,8	3912	●	●
SS6C 32 + 6GF - 30 KW	60167976	0640000	0642500	30	40	61,5	3"	157,8	4007	●	●
SS6C 33 + 6GF - 30 KW	60167977	0640000	0642500	30	40	61,5	3"	159,8	4102	●	●
SS6C 34 + 6GF - 30 KW	60167230	0640000	0642500	30	40	61,5	3"	161,8	4197	●	●
SS6C 35 + 6GF - 30 KW	60167978	0640000	0642500	30	40	61,5	3"	163,8	4292	●	●
SS6C 36 + 6GF - 30 KW	60167979	0640000	0642500	30	40	61,5	3"	165,8	4387	●	●
SS6C 37 + 6GF - 37 KW	60167980	0640000	0642500	37	40	61,5	3"	167,8	4482	●	●
SS6C 38 + 6GF - 37 KW	60167981	0640000	0642500	37	40	61,5	3"	169,8	4577	●	●
SS6C 39 + 6GF - 37 KW	60167231	0650000	0650005	37	50	79,3	3"	222,8	5002	●	●
SS6C 40 + 6GF - 37 KW	60167982	0650000	0650005	37	50	79,3	3"	224,8	5097	●	●
SS6C 41 + 6GF - 37 KW	60167983	0650000	0650005	37	50	79,3	3"	227,8	5192	●	●
SS6C 42 + 6GF - 37 KW	60167984	0650000	0650005	37	50	79,9	3"	230,8	5287	●	●
SS6C 43 + TR860 45KW	60167232	60144582	60144592	45	60	92	3"	311	5874	o	●
SS6C 44 + TR860 45KW	60167985	60144582	60144592	45	60	92	3"	314	5969	o	●
SS6C 45 + TR860 45KW	60167986	60144582	60144592	45	60	92	3"	316	6064	o	●
SS6C 46 + TR860 45KW	60167233	60144582	60144592	45	60	92	3"	319	6159	o	●
SS6C 47 + TR860 45KW	60167988	60144582	60144592	45	60	92	3"	322	6254	o	●
SS6C 48 + TR860 45KW	60167989	60144582	60144592	45	60	92	3"	324	6349	o	●
SS6C 49 + TR860 45KW	60167503	60144582	60144592	45	60	92	3"	327	6444	o	●
SS6C 50 + TR860 45KW	60169242	60144582	60144592	45	60	92	3"	329	6539	o	●
SS6C 51 + TR860 45KW	60169243	60144582	60144592	45	60	92	3"	332	6634	o	●
SS6C 52 + TR875 55KW	60169244	60144583	60144593	55	75	109	3"	350	6809	o	●
SS6C 53 + TR875 55KW	60169245	60144583	60144593	55	75	109	3"	352	6904	o	●
SS6C 54 + TR875 55KW	60169246	60144583	60144593	55	75	109	3"	355	6999	o	●

When ordering, please specify the codes: pump, motor. The pump and the motor are supplied disassembled.

● allowed
o on demand

TECHNICAL DATA - SS6C Hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA P2 NOMINAL REQUESTED kW	HP	HYDRAULIC DATA Q=m³h	0,0	6,0	10,0	14,0	18,0	22,0	26,0	30,0	34,0	38,0	DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
				Q=l/sec	0,0	1,7	2,8	3,9	5,0	6,1	7,2	8,3	9,4	10,6				
SS6C 01	60170154	1,1	1,5		12	11	11	11	10	9	8	7	6	5	3"	6	364	4"
SS6C 02	60170155	2,2	3		12	11	11	11	10	9	8	7	6	5	3"	9	459	4"
SS6C 03	60170156	3	4		35	34	33	32	30	28	25	22	19	15	3"	11	554	4"
SS6C 04	60167215	4	5,5		47	46	44	43	40	37	34	30	25	20	3"	13	649	6"
SS6C 05	60167216	5,5	7,5		59	57	55	53	50	47	42	37	32	25	3"	15	744	6"
SS6C 06	60167217	5,5	7,5		70	69	67	64	60	56	51	45	38	30	3"	17	839	6"
SS6C 07	60167962	7,5	10		82	80	78	74	70	65	59	52	44	35	3"	19	934	6"
SS6C 08	60167218	7,5	10		94	92	89	85	80	75	68	60	51	40	3"	21	1029	6"
SS6C 09	60167963	9,2	12,5		105	103	100	96	90	84	76	67	57	45	3"	23	1124	6"
SS6C 10	60167964	9,2	12,5		117	114	111	106	100	93	85	75	63	50	3"	25	1219	6"
SS6C 11	60167219	9,2	12,5		129	126	122	117	110	103	93	82	70	55	3"	27	1314	6"
SS6C 12	60167965	11	15		141	137	133	128	120	112	102	90	76	60	3"	29	1409	6"
SS6C 13	60167220	11	15		152	149	144	138	131	121	110	97	82	65	3"	31	1504	6"
SS6C 14	60167966	15	20		164	160	155	149	141	131	119	105	89	70	3"	33	1599	6"
SS6C 15	60167221	15	20		176	172	166	159	151	140	127	112	95	75	3"	36	1694	6"
SS6C 16	60167967	15	20		187	183	178	170	161	149	136	120	101	80	3"	38	1789	6"
SS6C 17	60167222	15	20		199	195	189	181	171	159	144	127	108	85	3"	40	1884	6"
SS6C 18	60167968	18,5	25		211	206	200	191	181	168	153	135	114	90	3"	42	1979	6"
SS6C 19	60167223	18,5	25		223	217	211	202	191	177	161	142	121	95	3"	44	2074	6"
SS6C 20	60167225	18,5	25		234	229	222	213	201	186	170	150	127	100	3"	46	2169	6"
SS6C 21	60167226	18,5	25		246	240	233	223	211	196	178	157	133	105	3"	48	2264	6"
SS6C 22	60167969	22	30		258	252	244	234	221	205	187	165	140	110	3"	50	2359	6"
SS6C 23	60167227	22	30		269	263	255	244	231	214	195	172	146	115	3"	52	2454	6"
SS6C 24	60167970	22	30		281	275	266	255	241	224	203	180	152	120	3"	54	2549	6"
SS6C 25	60167971	22	30		293	286	277	266	251	233	212	187	159	125	3"	56	2644	6"
SS6C 26	60167228	22	30		305	298	289	276	261	242	220	195	165	130	3"	58	2739	6"
SS6C 27	60167972	30	40	H	316	309	300	287	271	252	229	202	171	136	3"	60	2834	6"
SS6C 28	60167973	30	40	(mt)	328	320	311	298	281	261	237	210	178	141	3"	63	2929	6"
SS6C 29	60167974	30	40		340	332	322	308	291	270	246	217	184	146	3"	65	3024	6"
SS6C 30	60167229	30	40		351	343	333	319	301	280	254	225	190	151	3"	67	3119	6"
SS6C 31	60167975	30	40		363	355	344	330	311	289	263	232	197	156	3"	69	3214	6"
SS6C 32	60167976	30	40		375	366	355	340	321	298	271	240	203	161	3"	71	3309	6"
SS6C 33	60167977	30	40		387	378	366	351	331	308	280	247	209	166	3"	73	3404	6"
SS6C 34	60167230	30	40		398	389	377	361	341	317	288	255	216	171	3"	75	3499	6"
SS6C 35	60167978	30	40		410	401	388	372	351	326	297	262	222	176	3"	77	3594	6"
SS6C 36	60167979	30	40		422	412	400	383	361	336	305	270	228	181	3"	79	3689	6"
SS6C 37	60167980	30	40		433	423	411	393	371	345	314	277	235	186	3"	81	3784	6"
SS6C 38	60167981	30	40		445	435	422	404	381	354	322	285	241	191	3"	83	3879	6"
SS6C 39	60167231	37	50		457	446	433	415	392	364	331	292	247	196	3"	124	4224	6"
SS6C 40	60167982	37	50		469	458	444	425	402	373	339	300	254	201	3"	126	4319	6"
SS6C 41	60167983	37	50		480	469	455	436	412	382	348	307	260	206	3"	129	4414	6"
SS6C 42	60167984	37	50		492	481	466	446	422	392	356	315	266	211	3"	132	4509	6"
SS6C 43	60167232	45	60		504	492	477	457	432	401	365	322	273	216	3"	134	4604	8"
SS6C 44	60167985	45	60		515	504	488	468	442	410	373	330	279	221	3"	137	4699	8"
SS6C 45	60167986	45	60		527	515	499	478	452	420	381	337	285	226	3"	139	4794	8"
SS6C 46	60167233	45	60		539	526	511	489	462	429	390	344	292	231	3"	142	4889	8"
SS6C 47	60167988	45	60		551	538	522	500	472	438	398	352	298	236	3"	145	4984	8"
SS6C 48	60167989	45	60		562	549	533	510	482	448	407	359	304	241	3"	147	5079	8"
SS6C 49	60167503	45	60		574	561	544	521	492	457	415	367	311	246	3"	150	5174	8"
SS6C 50	60169242	45	60		586	572	555	532	502	466	424	374	317	251	3"	152	5269	8"
SS6C 51	60169243	45	60		597	584	566	542	512	476	432	382	323	256	3"	155	5364	8"
SS6C 52	60169244	55	75		609	595	577	553	522	485	441	389	330	261	3"	158	5459	8"
SS6C 53	60169245	55	75		621	607	588	563	532	494	449	397	336	266	3"	160	5554	8"
SS6C 54	60169246	55	75		633	618	599	574	542	503	458	404	342	271	3"	163	5649	8"

TECHNICAL DATA - SS6D

MODEL	HYDRAULIC PART CODE	DIRECT STARTING	STAR / DELTA STARTING	ELECTRICAL DATA			DNM GAS	TOTAL WEIGHT KG	H mm	OPERATING BY INVERTER	HORIZ. INSTAL.
		MOTOR CODE	MOTOR CODE	P2 NOMINAL		In 400 V (A)					
				kW	HP						
SS6D 01 + 4GG - 2,2 KW	60170162	60122756	-	2,2	3	5,9	4"	20,2	775	●	●
SS6D 02 + 6GF - 4 KW	60167245	0605500	0605500	4	5,5	10,6	4"	49,4	1094	●	●
SS6D 03 + 6GF - 5,5 KW	60167246	0607500	0607510	5,5	7,5	14	4"	54,6	931	●	●
SS6D 04 + 6GF - 7,5 KW	60167247	0610000	0611750	7,5	10	18	4"	60,2	1063	●	●
SS6D 05 + 6GF - 7,5 KW	60167248	0610000	0611750	7,5	10	18	4"	63,2	1175	●	●
SS6D 06 + 6GF - 9,2 KW	60167249	0612500	0614000	9,2	12,5	22	4"	68,6	1317	●	●
SS6D 07 + 6GF - 11 KW	60167250	0615000	0617500	11	15	25,5	4"	76	1449	●	●
SS6D 08 + 6GF - 15 KW	60167251	0620000	0622500	15	20	33,4	4"	85	1664	●	●
SS6D 09 + 6GF - 15 KW	60167252	0620000	0622500	15	20	33,4	4"	87	1776	●	●
SS6D 10 + 6GF - 18,5 KW	60167987	0625000	0627500	18,5	25	41	4"	98	1948	●	●
SS6D 11 + 6GF - 18,5 KW	60167253	0625000	0627500	18,5	25	41	4"	101	2060	●	●
SS6D 12 + 6GF - 22 KW	60167254	0630000	0632400	22	30	47	4"	106,6	2242	●	●
SS6D 13 + 6GF - 22 KW	60167990	0630000	0632400	22	30	47	4"	109,6	2354	●	●
SS6D 14 + 6GF - 22 KW	60167255	0630000	0632400	22	30	47	4"	112,6	2466	●	●
SS6D 15 + 6GF - 30 KW	60167991	0640000	0642500	30	40	61,5	4"	130,8	2648	●	●
SS6D 16 + 6GF - 30 KW	60167256	0640000	0642500	30	40	61,5	4"	133,8	2760	●	●
SS6D 17 + 6GF - 30 KW	60167992	0640000	0642500	30	40	61,5	4"	135,8	2872	●	●
SS6D 18 + 6GF - 30 KW	60167257	0640000	0642500	30	40	61,5	4"	138,8	2984	●	●
SS6D 19 + 6GF - 37 KW	60167995	0650000	0650005	37	50	79,3	4"	153,8	3176	●	●
SS6D 20 + 6GF - 37 KW	60167996	0650000	0650005	37	50	79,3	4"	155,8	3288	●	●
SS6D 21 + 6GF - 37 KW	60167997	0650000	0650005	37	50	79,3	4"	158,8	3400	●	●
SS6D 22 + 6GF - 37 KW	60167998	0650000	0650005	37	50	79,3	4"	161,8	3512	●	●
SS6D 23 + 6GF - 37 KW	60167258	0650000	0650005	37	50	79,3	4"	163,8	3624	●	●
SS6D 24 + TR860 45KW	60167999	60144582	60144592	45	60	92	4"	245	4228	o	●
SS6D 25 + TR860 45KW	60168000	60144582	60144592	45	60	92	4"	248	4340	o	●
SS6D 26 + TR860 45KW	60167259	60144582	60144592	45	60	92	4"	250	4452	o	●
SS6D 27 + TR860 45KW	60168001	60144582	60144592	45	60	92	4"	253	4564	o	●
SS6D 28 + TR860 45KW	60167260	60144582	60144592	45	60	92	4"	256	4676	o	●
SS6D 29 + TR860 45KW	60168002	60144582	60144592	45	60	92	4"	258	4788	o	●
SS6D 30 + TR860 45KW	60167261	60144582	60144592	45	60	92	4"	261	4900	o	●
SS6D 31 + TR875 55KW	60168003	60144583	60144593	55	75	109	4"	278	5092	o	●
SS6D 32 + TR875 55KW	60168004	60144583	60144593	55	75	109	4"	281	5204	o	●
SS6D 33 + TR875 55KW	60167262	60144583	60144593	55	75	109	4"	284	5316	o	●

When ordering, please specify the codes: pump, motor. The pump and the motor are supplied disassembled.

● allowed
o on demand

TECHNICAL DATA - SS6D Hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA P2 NOMINAL REQUESTED kW	HP	HYDRAULIC DATA Q=m³h	0,0	20,0	25,0	30,0	35,0	40,0	45,0	50,0	55,0	60,0	DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
				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	2,2	3		14	13	12	11	10	10	9	8	7	5	4"	7	382	4"
SS6D 02	60167245	4	5,5		28	25	24	22	21	19	18	16	14	10	4"	10	494	6"
SS6D 03	60167246	5,5	7,5		42	38	36	33	31	29	26	24	20	16	4"	12	606	6"
SS6D 04	60167247	7,5	10		56	50	47	44	41	38	35	32	27	21	4"	15	718	6"
SS6D 05	60167248	7,5	10		70	63	59	56	52	48	44	39	34	26	4"	18	830	6"
SS6D 06	60167249	9,2	12,5		84	75	71	67	62	57	53	47	41	31	4"	20	942	6"
SS6D 07	60167250	11	15		98	88	83	78	72	67	61	55	47	36	4"	23	1054	6"
SS6D 08	60167251	15	20		112	101	95	89	83	77	70	63	54	42	4"	26	1166	6"
SS6D 09	60167252	15	20		126	113	107	100	93	86	79	71	61	47	4"	28	1278	6"
SS6D 10	60167987	18,5	25		140	126	119	111	103	96	88	79	68	52	4"	31	1390	6"
SS6D 11	60167253	18,5	25		154	138	130	122	114	105	97	87	74	57	4"	34	1502	6"
SS6D 12	60167254	22	30		168	151	142	133	124	115	105	95	81	62	4"	36	1614	6"
SS6D 13	60167990	22	30		182	163	154	144	134	125	114	102	88	68	4"	39	1726	6"
SS6D 14	60167255	22	30		196	176	166	155	145	134	123	110	95	73	4"	42	1838	6"
SS6D 15	60167991	30	40		210	188	178	167	155	144	132	118	101	78	4"	44	1950	6"
SS6D 16	60167256	30	40		224	201	190	178	165	153	141	126	108	83	4"	47	2062	6"
SS6D 17	60167992	30	40	H (mt)	238	214	202	189	176	163	149	134	115	88	4"	49	2174	6"
SS6D 18	60167257	30	40		252	226	213	200	186	172	158	142	122	93	4"	52	2286	6"
SS6D 19	60167995	37	50		266	239	225	211	197	182	167	150	128	99	4"	55	2398	6"
SS6D 20	60167996	37	50		280	251	237	222	207	192	176	158	135	104	4"	57	2510	6"
SS6D 21	60167997	37	50		294	264	249	233	217	201	184	166	142	109	4"	60	2622	6"
SS6D 22	60167998	37	50		308	276	261	244	228	211	193	173	149	114	4"	63	2734	6"
SS6D 23	60167258	37	50		322	289	273	255	238	220	202	181	155	119	4"	65	2846	6"
SS6D 24	60167999	45	60		336	302	285	267	248	230	211	189	162	125	4"	68	2958	6"
SS6D 25	60168000	45	60		350	314	296	278	259	239	220	197	169	130	4"	71	3070	8"
SS6D 26	60167259	45	60		364	327	308	289	269	249	228	205	176	135	4"	73	3182	8"
SS6D 27	60168001	45	60		378	339	320	300	279	259	237	213	182	140	4"	76	3294	8"
SS6D 28	60167260	45	60		392	352	332	311	290	268	246	221	189	145	4"	79	3406	8"
SS6D 29	60168002	45	60		406	364	344	322	300	278	255	229	196	151	4"	81	3518	8"
SS6D 30	60167261	45	60		420	377	356	333	310	287	264	237	203	156	4"	84	3630	8"
SS6D 31	60168003	55	75		434	390	368	344	321	297	272	244	209	161	4"	86	3742	8"
SS6D 32	60168004	55	75		448	402	379	355	331	307	281	252	216	166	4"	89	3854	8"
SS6D 33	60167262	55	75		462	415	391	366	341	316	290	260	223	171	4"	92	3966	8"

TECHNICAL DATA - SS6E

MODEL	HYDRAULIC PART CODE	DIRECT STARTING	STAR / DELTA STARTING	ELECTRICAL DATA			DNM GAS	TOTAL WEIGHT KG	H mm	OPERATING BY INVERTER	HORIZ. INSTAL.
		MOTOR CODE	MOTOR CODE	P2 NOMINAL		In 400 V (A)					
				kW	HP						
SS6E 01 + 4GG - 2,2 KW	60171006	60122756	-	2,2	3	5,9	4"	20,2	775	●	●
SS6E 02 + 6GF - 4 KW	60167265	0605500	0605620	4	5,5	10,6	4"	49,4	819	●	●
SS6E 03 + 6GF - 5,5 KW	60167266	0607500	0607510	5,5	7,5	14	4"	54,6	931	●	●
SS6E 04 + 6GF - 7,5 KW	60167267	0610000	0611750	7,5	10	18	4"	60,2	1063	●	●
SS6E 05 + 6GF - 9,2 KW	60167268	0612500	0614000	9,2	12,5	22	4"	66,6	1205	●	●
SS6E 06 + 6GF - 11 KW	60167269	0615000	0617500	11	15	25,5	4"	73	1337	●	●
SS6E 07 + 6GF - 15 KW	60167270	0620000	0622500	15	20	33,4	4"	82	1552	●	●
SS6E 08 + 6GF - 15 KW	60167271	0620000	0622500	15	20	33,4	4"	85	1664	●	●
SS6E 09 + 6GF - 18,5 KW	60168005	0625000	0627500	18,5	25	41	4"	95	1836	●	●
SS6E 10 + 6GF - 18,5 KW	60167272	0625000	0627500	18,5	25	41	4"	98	1948	●	●
SS6E 11 + 6GF - 22 KW	60168006	0630000	0632400	22	30	47	4"	104,6	2130	●	●
SS6E 12 + 6GF - 22 KW	60167273	0630000	0632400	22	30	47	4"	106,6	2242	●	●
SS6E 13 + 6GF - 30 KW	60168007	0640000	0642500	30	35	61,5	4"	125,8	2424	●	●
SS6E 14 + 6GF - 30 KW	60167274	0640000	0642500	30	35	61,5	4"	128,8	2536	●	●
SS6E 15 + 6GF - 30 KW	60168008	0640000	0642500	30	40	61,5	4"	130,8	2648	●	●
SS6E 16 + 6GF - 30 KW	60168009	0640000	0642500	30	40	61,5	4"	133,8	2760	●	●
SS6E 17 + 6GF - 30 KW	60167275	0640000	0642500	30	40	61,5	4"	136,8	2872	●	●
SS6E 18 + 6GF - 37 KW	60168010	0650000	0650005	37	50	79,3	4"	150,8	3064	●	●
SS6E 19 + 6GF - 37 KW	60168011	0650000	0650005	37	50	79,3	4"	153,8	3176	●	●
SS6E 20 + 6GF - 37 KW	60167276	0650000	0650005	37	50	79,3	4"	156,8	3288	●	●
SS6E 21 + 6GF - 37 KW	60167277	0650000	0650005	37	50	79,3	4"	158,8	3400	●	●
SS6E 22 + TR860 45KW	60168012	60144582	60144592	45	60	92	4"	240	4004	o	●
SS6E 23 + TR860 45KW	60168013	60144582	60144592	45	60	92	4"	242	4116	o	●
SS6E 24 + TR860 45KW	60167278	60144582	60144592	45	60	92	4"	245	4228	o	●
SS6E 25 + TR875 55KW	60168014	60144583	60144593	55	75	109	4"	263	4420	o	●
SS6E 26 + TR875 55KW	60168015	60144583	60144593	55	75	109	4"	265	4532	o	●
SS6E 27 + TR875 55KW	60168016	60144583	60144593	55	75	109	4"	268	4644	o	●
SS6E 28 + TR875 55KW	60167279	60144583	60144593	55	75	109	4"	271	4756	o	●
SS6E 29 + TR875 55KW	60168017	60144583	60144593	55	75	109	4"	273	4868	o	●
SS6E 30 + TR875 55KW	60167280	60144583	60144593	55	75	109	4"	276	4980	o	●

When ordering, please specify the codes: pump, motor. The pump and the motor are supplied disassembled.

● allowed
o on demand

TECHNICAL DATA - SS6E Hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA												DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	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					
SS6E 01	60171006	2,2	3		15	13	10	10	9	9	8	8	7	6	4"	7	382	4"
SS6E 02	60167265	4	5,5		30	26	21	20	19	18	17	15	14	11	4"	10	494	6"
SS6E 03	60167266	5,5	7,5		45	38	31	30	28	27	25	23	20	17	4"	12	606	6"
SS6E 04	60167267	7,5	10		60	51	42	40	38	36	33	31	27	23	4"	15	718	6"
SS6E 05	60167268	9,2	12,5		75	64	52	50	47	45	42	38	34	28	4"	18	830	6"
SS6E 06	60167269	11	15		90	77	62	59	57	54	50	46	41	34	4"	20	942	6"
SS6E 07	60167270	15	20		105	90	73	69	66	63	59	54	48	40	4"	23	1054	6"
SS6E 08	60167271	15	20		120	103	83	79	75	71	67	61	54	45	4"	26	1166	6"
SS6E 09	60168005	18,5	25		135	115	94	89	85	80	75	69	61	51	4"	28	1278	6"
SS6E 10	60167272	18,5	25		150	128	104	99	94	89	84	77	68	56	4"	31	1390	6"
SS6E 11	60168006	22	30		165	141	115	109	104	98	92	85	75	62	4"	34	1502	6"
SS6E 12	60167273	22	30		180	154	125	119	113	107	100	92	82	68	4"	36	1614	6"
SS6E 13	60168007	30	35		195	167	135	129	123	116	109	100	88	73	4"	39	1726	6"
SS6E 14	60167274	30	35		210	180	146	139	132	125	117	108	95	79	4"	42	1838	6"
SS6E 15	60168008	30	40	H (mt)	225	192	156	149	141	134	126	115	102	85	4"	44	1950	6"
SS6E 16	60168009	30	40		240	205	167	159	151	143	134	123	109	90	4"	47	2062	6"
SS6E 17	60167275	30	40		255	218	177	169	160	152	142	131	116	96	4"	50	2174	6"
SS6E 18	60168010	37	50		270	231	187	178	170	161	151	138	122	102	4"	52	2286	6"
SS6E 19	60168011	37	50		285	244	198	188	179	170	159	146	129	107	4"	55	2398	6"
SS6E 20	60167276	37	50		300	257	208	198	189	179	167	154	136	113	4"	58	2510	6"
SS6E 21	60167277	37	50		315	269	219	208	198	188	176	161	143	119	4"	60	2622	6"
SS6E 22	60168012	45	60		330	282	229	218	207	197	184	169	150	124	4"	63	2734	6"
SS6E 23	60168013	45	60		345	295	239	228	217	205	193	177	157	130	4"	65	2846	8"
SS6E 24	60167278	45	60		360	308	250	238	226	214	201	184	163	135	4"	68	2958	8"
SS6E 25	60168014	55	75		375	321	260	248	236	223	209	192	170	141	4"	71	3070	8"
SS6E 26	60168015	55	75		390	334	271	258	245	232	218	200	177	147	4"	73	3182	8"
SS6E 27	60168016	55	75		405	346	281	268	255	241	226	208	184	152	4"	76	3294	8"
SS6E 28	60167279	55	75		420	359	292	278	264	250	234	215	191	158	4"	79	3406	8"
SS6E 29	60168017	55	75		435	372	302	287	273	259	243	223	197	164	4"	81	3518	8"
SS6E 30	60167280	55	75		450	385	312	297	283	268	251	231	204	169	4"	84	3630	8"

SS7
7” SUBMERSIBLE PUMPS


SS7


6GF


TR8

Multistage mixed-flow borehole electric pumps, completely made in stainless steel (AISI 304L or AISI 316 on request), usable for wells from a minimum diameter equal to pump size or greater and capable of developing a wide range of Flows and Heads.
These pumps can be used in a wide range of lifting, distributing, and pressuring application: domestic and general water supply; sprinkler and drip irrigations systems; fire-fighting installations; lowering of groundwater level; industrial supplies as mining, hot springs, autoclaves and tanks.
These pumps are suitable both for standard water and for aggressive water applications by choosing the proper manufacturing material (AISI 304L or AISI 316) both for hydraulic part and motor.

CONSTRUCTION FEATURES: Mixed flow pumps with diffusers, impellers, brackets, suction case and discharge case completely made of stainless steel AISI 304 in order to provide maximum strength, durability, wear and tear resistance.
Coupling with 4”, 6”, 8” or 10” motor depending on the power requested by hydraulic part:
- 4GG: 4” canned submersible motor
- 6GF: 6” canned submersible motor
- TR6: 6” rewindable submersible motor
- TR8: 8” rewindable submersible motor
- TR10: 10” rewindable submersible motor

For inverter application refer to the detailed motor specification

Performance range: flow up to 110 m^3/h and max head of 423 m
Max. quantity of sand/silt: 50g/m^3
Max. ambient temperature: 30°C (50°C available on request)
Outlet connection diameter (inside threaded): 5”
Nr of starts: refer to the motor specification
Motor Cooling flow: refer to the motor specification
Installation: horizontal or vertical, refer to the motor specification

ON REQUEST:
- Pump body stainless steel AISI 316 for aggressive water application
- Impellers stainless steel AISI 316
- Motors in full stainless steel AISI 316 for aggressive water application
- Star/Delta starting version
- Special version of the motor for high temperature application
- Non-standard power coupling

ACCESSORIES | PAG. 321

TECHNICAL DATA - SS7A

MODEL	HYDRAULIC PART CODE	DIRECT STARTING	STAR / DELTA STARTING	ELECTRICAL DATA			DNM GAS	TOTAL WEIGHT KG	H mm	OPERATING BY INVERTER	HORIZ. INSTAL.
		MOTOR CODE	MOTOR CODE	P2 NOMINAL		In 400 V (A)					
				kW	HP						
SS7A 01 + 6GF - 4 KW	60167429	0605500	0605620	4	5,5	10,6	5"	65,4	896	●	●
SS7A 02 + 6GF - 7,5 KW	60167430	0610000	0611750	7,5	10	18	5"	75,2	1044	●	●
SS7A 03 + 6GF - 11 KW	60167431	0615000	0617500	11	15	25,5	5"	87	1222	●	●
SS7A 04 + 6GF - 15 KW	60167432	0620000	0622500	15	20	33,4	5"	97	1453	●	●
SS7A 05 + 6GF - 18,5 KW	60167433	0625000	0627500	18,5	25	41	5"	109	1641	●	●
SS7A 06 + 6GF - 22 KW	60167434	0630000	0632400	22	30	47	5"	116,6	1839	●	●
SS7A 07 + 6GF - 30 KW	60168018	0640000	0642500	30	40	61,5	5"	136,8	2037	●	●
SS7A 08 + 6GF - 30 KW	60167435	0640000	0642500	30	40	61,5	5"	140,8	2165	●	●
SS7A 09 + 6GF - 37 KW	60168019	0650000	0650005	37	50	79,3	5"	156,8	2373	●	●
SS7A 10 + 6GF - 37 KW	60167436	0650000	0650005	37	50	79,9	5"	160,8	2501	●	●
SS7A 11 + TR860 45KW	60168025	60144582	60144592	45	60	92	5"	243	3121	o	●
SS7A 12 + TR860 45KW	60167437	60144582	60144592	45	60	92	5"	247	3249	o	●
SS7A 13 + TR875 55KW	60168026	60144583	60144593	55	75	109	5"	266	3457	o	●
SS7A 14 + TR875 55KW	60168027	60144583	60144593	55	75	109	5"	270	3585	o	●
SS7A 15 + TR875 55KW	60167438	60144583	60144593	55	75	109	5"	274	3713	o	●
SS7A 16 + TR885 63KW	60168028	60144584	60144594	63	85	126	5"	304	3981	o	●
SS7A 17 + TR8100 75KW	60168029	60144585	60144595	75	100	145	5"	326	4209	o	●
SS7A 18 + TR8100 75KW	60168030	60144585	60144595	75	100	145	5"	330	4337	o	●
SS7A 19 + TR8100 75KW	60168031	60144585	60144595	75	100	145	5"	334	4465	o	●
SS7A 20 + TR8100 75KW	60168032	60144585	60144595	75	100	145	5"	338	4593	o	●
SS7A 21 + TR8100 75KW	60168033	60144585	60144595	75	100	145	5"	342	4721	o	●
SS7A 22 + TR8125 92KW	60168034	60144586	60144596	92	125	177	5"	392	5089	o	●

When ordering, please specify the codes: pump, motor. The pump and the motor are supplied disassembled.

● allowed
o on demand

TECHNICAL DATA - SS7A Hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA											DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		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	25,0	27,8				
SS7A 01	60167429	4	5,5		19	19	18	17	16	15	14	12	11	8	5"	26	571	6"
SS7A 02	60167430	7,5	10		38	37	36	34	32	30	28	25	21	17	5"	30	699	6"
SS7A 03	60167431	11	15		58	56	54	51	49	45	42	37	32	25	5"	34	827	6"
SS7A 04	60167432	15	20		77	74	72	69	65	61	56	50	42	33	5"	38	955	6"
SS7A 05	60167433	18,5	25		96	93	90	86	81	76	69	62	53	41	5"	42	1083	6"
SS7A 06	60167434	22	30		115	111	108	103	97	91	83	74	63	50	5"	46	1211	6"
SS7A 07	60168018	30	40		135	130	126	120	114	106	97	87	74	58	5"	50	1339	6"
SS7A 08	60167435	30	40		154	149	144	137	130	121	111	99	84	66	5"	54	1467	6"
SS7A 09	60168019	37	50		173	167	161	154	146	136	125	111	95	75	5"	58	1595	6"
SS7A 10	60167436	37	50		192	186	179	172	162	152	139	124	105	83	5"	62	1723	6"
SS7A 11	60168025	45	60	H (mt)	211	204	197	189	179	167	153	136	116	91	5"	66	1851	8"
SS7A 12	60167437	45	60		231	223	215	206	195	182	167	149	127	99	5"	70	1979	8"
SS7A 13	60168026	55	75		250	241	233	223	211	197	181	161	137	108	5"	74	2107	8"
SS7A 14	60168027	55	75		269	260	251	240	227	212	195	173	148	116	5"	78	2235	8"
SS7A 15	60167438	55	75		288	278	269	257	244	227	208	186	158	124	5"	82	2363	8"
SS7A 16	60168028	63	85		307	297	287	275	260	243	222	198	169	133	5"	86	2491	8"
SS7A 17	60168029	75	100		327	316	305	292	276	258	236	210	179	141	5"	89	2619	8"
SS7A 18	60168030	75	100		346	334	323	309	292	273	250	223	190	149	5"	93	2747	8"
SS7A 19	60168031	75	100		365	353	341	326	309	288	264	235	200	158	5"	97	2875	8"
SS7A 20	60168032	75	100		384	371	359	343	325	303	278	248	211	166	5"	101	3003	8"
SS7A 21	60168033	75	100		404	390	377	360	341	318	292	260	221	174	5"	105	3131	8"
SS7A 22	60168034	92	125		423	408	395	378	357	334	306	272	232	182	5"	109	3259	8"

SS7
7” SUBMERSIBLE PUMPS

TECHNICAL DATA - SS7B

MODEL	HYDRAULIC PART CODE	DIRECT STARTING	STAR / DELTA STARTING	ELECTRICAL DATA			DNM GAS	TOTAL WEIGHT KG	H mm	OPERATING BY INVERTER	HORIZ. INSTAL.
		MOTOR CODE	MOTOR CODE	P2 NOMINAL kW	P2 NOMINAL HP	In 400 V (A)					
SS7B 01 + 6GF - 5,5 KW	60168045	0607500	0607510	5,5	7,5	14	5"	68,6	896	●	●
SS7B 02 + 6GF - 11 KW	60167460	0615000	0617500	11	15	25,5	5"	81,8	1094	●	●
SS7B 03 + 6GF - 15 KW	60167461	0620000	0622500	15	20	33,4	5"	93	1325	●	●
SS7B 04 + 6GF - 22 KW	60168035	0630000	0632400	22	30	47	5"	108,6	1583	●	●
SS7B 05 + 6GF - 30 KW	60167462	0640000	0642500	30	40	61,5	5"	128,8	1781	●	●
SS7B 06 + 6GF - 37 KW	60167463	0650000	0650005	37	50	79,3	5"	144,8	1989	●	●
SS7B 07 + 6GF - 37 KW	60168036	0650000	0650005	37	50	79,3	5"	148,8	2117	●	●
SS7B 08 + TR860 45KW	60167464	60144582	60144592	45	60	92	5"	231	2737	o	●
SS7B 09 + TR860 45KW	60168037	60144582	60144592	45	60	92	5"	235	2865	o	●
SS7B 10 + TR875 55KW	60167482	60144583	60144593	55	75	109	5"	254	3073	o	●
SS7B 11 + TR885 63KW	60168038	60144584	60144594	63	85	126	5"	284	3341	o	●
SS7B 12 + TR8100 75KW	60167483	60144585	60144595	75	100	145	5"	307	3569	o	●
SS7B 13 + TR8100 75KW	60168039	60144585	60144595	75	100	145	5"	311	3697	o	●
SS7B 14 + TR8100 75KW	60168040	60144585	60144595	75	100	145	5"	315	3825	o	●
SS7B 15 + TR8125 92KW	60168041	60144586	60144596	92	125	177	5"	365	4193	o	●
SS7B 16 + TR8125 92KW	60168042	60144586	60144596	92	125	177	5"	369	4321	o	●
SS7B 17 + TR8125 92KW	60168043	60144586	60144596	92	125	177	5"	373	4449	o	●
SS7B 18 + TR8150 110KW	60168044	60144587	60144597	110	150	213	5"	427	4807	o	●
SS7B 19 + TR8150 110KW	60168046	60144587	60144597	110	150	213	5"	431	4935	o	●
SS7B 20 + TR8150 110KW	60168047	60144587	60144597	110	150	213	5"	435	5063	o	●

When ordering, please specify the codes: pump, motor. The pump and the motor are supplied disassembled.

● allowed
o on demand

TECHNICAL DATA - SS7B Hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA										DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	0,0	20,0	40,0	50,0	60,0	70,0	80,0	90,0	100,0	115,0				
		kW	HP	Q=l/sec	0,0	5,6	11,1	13,9	16,7	19,4	22,2	25,0	27,8	31,9				
SS7B 01	60168045	5,5	7,5		21	21	20	20	19	18	17	16	14	11	5"	26	571	6"
SS7B 02	60167460	11	15		43	43	41	39	38	36	34	32	28	21	5"	30	699	6"
SS7B 03	60167461	15	20		64	64	61	59	56	54	51	47	43	32	5"	34	827	6"
SS7B 04	60168035	22	30		85	86	81	78	75	72	68	63	57	43	5"	38	955	6"
SS7B 05	60167462	30	40		106	107	101	98	94	90	85	79	71	54	5"	42	1083	6"
SS7B 06	60167463	37	50		128	128	122	117	113	108	102	95	85	64	5"	46	1211	6"
SS7B 07	60168036	37	50		149	150	142	137	132	126	119	111	100	75	5"	50	1339	6"
SS7B 08	60167464	45	60		170	171	162	156	150	144	136	126	114	86	5"	54	1467	8"
SS7B 09	60168037	45	60		192	193	183	176	169	162	153	142	128	96	5"	58	1595	8"
SS7B 10	60167482	55	75		213	214	203	196	188	180	170	158	142	107	5"	62	1723	8"
SS7B 11	60168038	63	85	H (mt)	234	235	223	215	207	197	187	174	157	118	5"	66	1851	8"
SS7B 12	60167483	75	100		256	257	243	235	225	215	204	190	171	128	5"	70	1979	8"
SS7B 13	60168039	75	100		277	278	264	254	244	233	221	206	185	139	5"	74	2107	8"
SS7B 14	60168040	75	100		298	300	284	274	263	251	238	221	199	150	5"	78	2235	8"
SS7B 15	60168041	92	125		319	321	304	293	282	269	255	237	214	161	5"	82	2363	8"
SS7B 16	60168042	92	125		341	342	325	313	301	287	272	253	228	171	5"	86	2491	8"
SS7B 17	60168043	92	125		362	364	345	332	319	305	289	269	242	182	5"	90	2619	8"
SS7B 18	60168044	110	150		383	385	365	352	338	323	306	285	256	193	5"	94	2747	8"
SS7B 19	60168046	110	150		405	407	385	372	357	341	323	300	271	203	5"	98	2875	8"
SS7B 20	60168047	110	150		426	428	406	391	376	359	340	316	285	214	5"	102	3003	8"

SS8
8” SUBMERSIBLE PUMPS

Multistage mixed-flow borehole electric pumps, completely made in stainless steel (AISI 304L or AISI 316 on request), usable for wells from a minimum diameter equal to pump size or greater and capable of developing a wide range of Flows and Heads.
These pumps can be used in a wide range of lifting, distributing, and pressuring application: domestic and general water supply; sprinkler and drip irrigations systems; fire-fighting installations; lowering of groundwater level; industrial supplies as mining, hot springs, autoclaves and tanks.
These pumps are suitable both for standard water and for aggressive water applications by choosing the proper manufacturing material (AISI 304L or AISI 316) both for hydraulic part and motor.
CONSTRUCTION FEATURES: Mixed flow pumps with diffusers, impellers, brackets, suction case and discharge case completely made of stainless steel AISI 304 in order to provide maximum strength, durability, wear and tear resistance.

Coupling with 4”, 6”, 8” or 10” motor depending on the power requested by hydraulic part:
- 4GG: 4” canned submersible motor
- 6GF: 6” canned submersible motor
- TR6: 6” rewindable submersible motor
- TR8: 8” rewindable submersible motor
- TR10: 10” rewindable submersible motor

For inverter application refer to the detailed motor specification

Performance range: flow up to 110 m^3/h and max head of 423 m
Max. quantity of sand/silt: 50g/m^3
Max. ambient temperature: 30°C (50°C available on request)
Outlet connection diameter (inside threaded): 5”
Nr of starts: refer to the motor specification
Motor Cooling flow: refer to the motor specification
Installation: horizontal or vertical, refer to the motor specification

ON REQUEST:
- Pump body stainless steel AISI 316 for aggressive water application
- Impellers stainless steel AISI 316
- Motors in full stainless steel AISI 316 for aggressive water application
- Star/Delta starting version
- Special version of the motor for high temperature application
- Non-standard power coupling

ACCESSORIES PAG. 321

TECHNICAL DATA - SS8A

MODEL	HYDRAULIC PART CODE	DIRECT STARTING	STAR / DELTA STARTING	ELECTRICAL DATA			DNM GAS	TOTAL WEIGHT KG	H mm	OPERATING BY INVERTER	HORIZ. INSTAL.
		MOTOR CODE	MOTOR CODE	P2 NOMINAL kW	P2 NOMINAL HP	In 400 V (A)					
SS8A 01 + 6GF - 7,5 KW	60168101	0610000	0611750	7,5	10	18	6"	77,2	1031	●	●
SS8A 02 + 6GF - 15 KW	60168102	0620000	0622500	15	20	33,4	6"	97	1340	●	●
SS8A 03 + 6GF - 22 KW	60168103	0630000	0632400	22	30	47	6"	115,6	1625	●	●
SS8A 04 + 6GF - 30 KW	60168104	0640000	0642500	30	40	61,5	6"	137,8	1851	●	●
SS8A 05 + 6GF - 37 KW	60168105	0650000	0650005	37	50	79,3	6"	155,8	2087	●	●
SS8A 06 + TR860 45KW	60168106	60144582	60144592	45	60	92	6"	241	2735	o	●
SS8A 07 + TR875 55KW	60168107	60144583	60144593	55	75	109	6"	262	2970	o	●
SS8A 08 + TR885 63KW	60168108	60144584	60144594	63	85	126	6"	294	3266	o	●
SS8A 09 + TR8100 75KW	60168109	60144585	60144595	75	100	145	6"	320	3522	o	●
SS8A 10 + TR8100 75KW	60168110	60144585	60144595	75	100	145	6"	326	3677	o	●
SS8A 11 + TR8125 92KW	60168117	60144586	60144596	92	125	177	6"	378	4073	o	●
SS8A 12 + TR8125 92KW	60168118	60144586	60144596	92	125	177	6"	384	4229	o	●
SS8A 13 + TR8125 92KW	60168119	60144586	60144596	92	125	177	6"	391	4384	o	●
SS8A 14 + TR8150 110KW	60168120	60144587	60144597	110	150	213	6"	447	4770	o	●
SS8A 15 + TR8150 110KW	60168121	60144587	60144597	110	150	213	6"	453	4926	o	●
SS8A 16 + TR10180 132KW	60168128	60146795	60146816	132	180	257	6"	562	4892	o	●
SS8A 17 + TR10180 132KW	60168129	60146795	60146816	132	180	257	6"	568	5047	o	●
SS8A 18 + TR10180 132KW	60168130	60146795	60146816	132	180	257	6"	574	5203	o	●
SS8A 19 + TR10200 147KW	60168131	60146796	60146817	147	200	300	6"	645	5559	o	●
SS8A 20 + TR10200 147KW	60168132	60146796	60146817	147	200	300	6"	652	5714	o	●

When ordering, please specify the codes: pump, motor. The pump and the motor are supplied disassembled.

● allowed
o on demand

TECHNICAL DATA - SS8A Hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA P2 NOMINAL REQUESTED		HYDRAULIC DATA											DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		kW	HP	Q=m³h	0,0	30,0	70,0	80,0	90,0	100,0	110,0	120,0	130,0	140,0				
				Q=l/sec	0,0	8,3	19,4	22,2	25,0	27,8	30,6	33,3	36,1	38,9				
SS8A 01	60168101	7,5	10		28	26	23	22	21	20	18	16	15	12	6"	32	686	6"
SS8A 02	60168102	15	20		56	52	46	44	42	39	36	33	29	24	6"	38	842	6"
SS8A 03	60168103	22	30		83	78	69	66	63	59	54	49	44	37	6"	45	997	6"
SS8A 04	60168104	30	40		111	104	91	88	83	78	73	66	58	49	6"	51	1153	6"
SS8A 05	60168105	37	50		139	129	114	110	104	98	91	82	73	61	6"	57	1309	6"
SS8A 06	60168106	45	60		167	155	137	131	125	118	109	99	87	73	6"	64	1465	8"
SS8A 07	60168107	55	75		194	181	160	153	146	137	127	115	102	86	6"	70	1620	8"
SS8A 08	60168108	63	85		222	207	183	175	167	157	145	132	116	98	6"	76	1776	8"
SS8A 09	60168109	75	100		250	233	206	197	188	176	163	148	131	110	6"	83	1932	8"
SS8A 10	60168110	75	100	H (mt)	278	259	229	219	208	196	182	165	145	122	6"	89	2087	8"
SS8A 11	60168117	92	125		305	285	252	241	229	216	200	181	160	135	6"	95	2243	8"
SS8A 12	60168118	92	125		333	311	274	263	250	235	218	198	174	147	6"	101	2399	8"
SS8A 13	60168119	92	125		361	337	297	285	271	255	236	214	189	159	6"	108	2554	8"
SS8A 14	60168120	110	150		389	362	320	307	292	274	254	231	203	171	6"	114	2710	8"
SS8A 15	60168121	110	150		416	388	343	329	313	294	272	247	218	184	6"	120	2866	8"
SS8A 16	60168128	132	180		444	414	366	351	333	313	290	264	232	196	6"	127	3022	8"
SS8A 17	60168129	132	180		472	440	389	373	354	333	309	280	247	208	6"	133	3177	10"
SS8A 18	60168130	132	180		500	466	412	394	375	353	327	297	262	220	6"	139	3333	10"
SS8A 19	60168131	147	200		527	492	435	416	396	372	345	313	276	233	6"	145	3489	10"
SS8A 20	60168132	147	200		555	518	457	438	417	392	363	330	291	245	6"	152	3644	10"

SS8
8" SUBMERSIBLE PUMPS

TECHNICAL DATA - SS8B

MODEL	HYDRAULIC PART CODE	DIRECT STARTING	STAR / DELTA STARTING	ELECTRICAL DATA			DNM GAS	TOTAL WEIGHT KG	H mm	OPERATING BY INVERTER	HORIZ. INSTAL.
		MOTOR CODE	MOTOR CODE	P2 NOMINAL kW	P2 NOMINAL HP	In 400 V (A)					
SS8B 01.B1 + 6GF - 9,2 KW	60168135	0612500	0614000	9,3	12,5	22	6"	80,6	1061	●	●
SS8B 01 + 6GF - 11 KW	60168136	0615000	0617500	11	15	25,5	6"	85	1081	●	●
SS8B 02.B2 + 6GF - 18,5 KW	60168137	0625000	0627500	18,5	25	41	6"	106	1400	●	●
SS8B 02 + 6GF - 22 KW	60168138	0630000	0632400	22	30	47	6"	109,6	1470	●	●
SS8B 03.B3 + 6GF - 30 KW	60168139	0640000	0642500	30	40	61,5	6"	131,8	1695	●	●
SS8B 03 + 6GF - 37 KW	60168140	0650000	0650005	37	50	79,3	6"	143,8	1775	●	●
SS8B 04 + TR860 45KW	60168142	60144582	60144592	45	60	92	6"	229	2423	o	●
SS8B 05.B3 + TR875 55KW	60168143	60144583	60144593	55	75	109	6"	250	2659	o	●
SS8B 05 + TR875 55KW	60168144	60144583	60144593	55	75	109	6"	250	2659	o	●
SS8B 06 + TR8100 75KW	60168149	60144585	60144595	75	100	145	6"	302	3055	o	●
SS8B 07 + TR8100 75KW	60168151	60144585	60144595	75	100	145	6"	308	3210	o	●
SS8B 08 + TR8125 92KW	60168153	60144586	60144596	92	125	177	6"	361	3606	o	●
SS8B 09 + TR8150 110KW	60168154	60144587	60144597	110	150	213	6"	417	3992	o	●
SS8B 10 + TR8150 110KW	60168155	60144587	60144597	110	150	213	6"	424	4147	o	●
SS8B 11 + TR10180 132KW	60168156	60146795	60146816	132	180	257	6"	532	4113	o	●
SS8B 12 + TR10180 132KW	60168157	60146795	60146816	132	180	257	6"	539	4269	o	●
SS8B 13 + TR10200 147KW	60168159	60146796	60146817	147	200	300	6"	610	4624	o	●

When ordering, please specify the codes: pump, motor. The pump and the motor are supplied disassembled.

● allowed
o on demand

TECHNICAL DATA - SS8B Hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA										DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	0,0	40,0	70,0	90,0	120,0	130,0	140,0	150,0	160,0	170,0				
		kW	HP	Q=l/sec	0,0	11,1	19,4	25,0	33,3	36,1	38,9	41,7	44,4	47,2				
SS8B 01.B1	60168135	9,3	12,5		27	25	23	22	19	18	17	16	14	12	6"	32	686	6"
SS8B 01	60168136	11	15		33	31	28	27	24	23	21	19	17	14	6"	32	686	6"
SS8B 02.B2	60168137	18,5	25		54	50	46	44	39	37	34	32	28	24	6"	39	842	6"
SS8B 02	60168138	22	30		65	61	57	53	48	45	42	38	34	29	6"	39	842	6"
SS8B 03.B3	60168139	30	40		80	75	70	66	58	55	52	47	42	35	6"	45	997	6"
SS8B 03	60168140	37	50		98	92	85	80	71	68	63	58	51	43	6"	45	997	6"
SS8B 04	60168142	45	60		131	122	113	107	95	90	84	77	68	58	6"	52	1153	8"
SS8B 05.B3	60168143	55	75		146	136	126	119	106	100	94	86	76	64	6"	58	1309	8"
SS8B 05	60168144	55	75	H (mt)	163	153	142	134	119	113	105	96	85	72	6"	58	1309	8"
SS8B 06	60168149	75	100		196	183	170	160	143	135	126	115	102	87	6"	65	1465	8"
SS8B 07	60168151	75	100		228	214	198	187	166	158	147	135	119	101	6"	71	1620	8"
SS8B 08	60168153	92	125		261	245	227	214	190	180	168	154	136	115	6"	78	1776	8"
SS8B 09	60168154	110	150		294	275	255	240	214	203	189	173	153	130	6"	84	1932	8"
SS8B 10	60168155	110	150		326	306	283	267	238	225	210	192	171	144	6"	91	2087	8"
SS8B 11	60168156	132	180		359	336	312	294	261	248	231	211	188	159	6"	97	2243	10"
SS8B 12	60168157	132	180		392	367	340	320	285	270	252	231	205	173	6"	104	2399	10"
SS8B 13	60168159	147	200		424	397	368	347	309	293	273	250	222	187	6"	110	2554	10"

SS8
8" SUBMERSIBLE PUMPS

TECHNICAL DATA - SS8C

MODEL	HYDRAULIC PART CODE	DIRECT STARTING	STAR / DELTA STARTING	ELECTRICAL DATA			DNM GAS	TOTAL WEIGHT KG	H mm	OPERATING BY INVERTER	HORIZ. INSTAL.
		MOTOR CODE	MOTOR CODE	P2 NOMINAL kW	P2 NOMINAL HP	In 400 V (A)					
SS8C 01.B1 + 6GF - 9,2 KW	60169247	0612500	0614000	9,2	12,5	22	6"	82,6	1061	●	●
SS8C 01 + 6GF - 11 KW	60168162	0615000	0617500	11	15	25,5	6"	87	1081	●	●
SS8C 02.B2 + 6GF - 18,5 KW	60169248	0625000	0627500	18,5	25	41	6"	107	1400	●	●
SS8C 02 + 6GF - 22 KW	60168163	0630000	0632400	22	30	47	6"	110,6	1470	●	●
SS8C 03.B2 + 6GF - 30 KW	60169249	0640000	0642500	30	40	61,5	6"	133,8	1695	●	●
SS8C 03 + 6GF - 37 KW	60168165	0650000	0650005	37	50	79,3	6"	145,8	1775	●	●
SS8C 04 + TR860 45KW	60168166	60144582	60144592	45	60	92	6"	230	2423	o	●
SS8C 05 + TR875 55KW	60168167	60144583	60144593	55	75	109	6"	252	2659	o	●
SS8C 06.B3 + TR885 63KW	60169462	60144584	60144594	63	85	126	6"	284	2955	o	●
SS8C 06 + TR8100 75KW	60168168	60144585	60144595	75	100	145	6"	303	3055	o	●
SS8C 07.B3 + TR8100 75KW	60169463	60144585	60144595	75	100	145	6"	310	3210	o	●
SS8C 07 + TR8125 92KW	60168169	60144586	60144596	92	125	177	6"	356	3450	o	●
SS8C 08 + TR8125 92KW	60168170	60144586	60144596	92	125	177	6"	362	3606	o	●
SS8C 09 + TR8150 110KW	60168171	60144587	60144597	110	150	213	6"	419	3992	o	●
SS8C 10 + TR8150 110KW	60168172	60144587	60144597	110	150	213	6"	425	4147	o	●
SS8C 11 + TR10180 132KW	60168173	60146795	60146816	132	180	257	6"	534	4113	o	●
SS8C 12 + TR10200 147KW	60168174	60146796	60146817	147	200	300	6"	605	4469	o	●
SS8C 13 + TR10200 147KW	60168176	60146796	60146817	147	200	300	6"	612	4624	o	●
SS8C 14 + TR10230 170KW	60169464	60146843	60146850	170	230	348	6"	658	4930	o	●
SS8C 15 + TR10260 190KW	60169465	60146844	60146851	190	260	405	6"	704	5266	o	●
SS8C 16 + TR10260 190KW	60169466	60146844	60146851	190	260	405	6"	711	5422	o	●

When ordering, please specify the codes: pump, motor. The pump and the motor are supplied disassembled.

● allowed
o on demand

TECHNICAL DATA - SS8C Hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA											DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	0,0	50,0	70,0	90,0	110,0	130,0	150,0	170,0	190,0	210,0				
		kW	HP	Q=l/sec	0,0	13,9	19,4	25,0	30,6	36,1	41,7	47,2	52,8	58,3				
SS8C 01.B1	60169247	9,2	12,5		24	22	21	20	18	17	16	14	12	9	6"	34	686	6"
SS8C 01	60168162	11	15		30	28	26	24	23	22	20	18	15	11	6"	34	686	6"
SS8C 02.B2	60169248	18,5	25		48	44	42	39	37	34	32	28	23	17	6"	40	842	6"
SS8C 02	60168163	22	30		60	55	52	49	46	43	40	35	29	22	6"	40	842	6"
SS8C 03.B2	60169249	30	40		78	72	68	64	60	56	52	46	38	28	6"	47	997	6"
SS8C 03	60168165	37	50		90	83	78	73	69	65	60	53	44	32	6"	47	997	6"
SS8C 04	60168166	45	60		120	111	104	98	92	86	80	71	58	43	6"	53	1153	8"
SS8C 05	60168167	55	75		150	139	130	122	115	108	99	88	73	54	6"	60	1309	8"
SS8C 06.B3	60169462	63	85		162	150	141	132	124	116	107	95	79	58	6"	66	1465	8"
SS8C 06	60168168	75	100		180	166	156	147	138	129	119	106	88	65	6"	66	1465	8"
SS8C 07.B3	60169463	75	100	H (mt)	192	177	167	156	147	138	127	113	94	69	6"	73	1620	8"
SS8C 07	60168169	92	125		210	194	182	171	161	151	139	124	102	76	6"	73	1620	8"
SS8C 08	60168170	92	125		240	222	208	195	184	172	159	141	117	87	6"	79	1776	8"
SS8C 09	60168171	110	150		270	249	234	220	207	194	179	159	132	97	6"	86	1932	8"
SS8C 10	60168172	110	150		300	277	260	244	230	215	199	176	146	108	6"	92	2087	8"
SS8C 11	60168173	132	180		330	305	286	269	253	237	219	194	161	119	6"	99	2243	8"
SS8C 12	60168174	147	200		360	333	312	293	276	259	239	212	175	130	6"	105	2399	8"
SS8C 13	60168176	147	200		390	360	338	318	299	280	258	229	190	141	6"	112	2554	8"
SS8C 14	60169464	170	230		420	388	364	342	322	302	278	247	205	152	6"	118	2710	10"
SS8C 15	60169465	190	260		450	416	390	366	345	323	298	265	219	162	6"	124	2866	10"
SS8C 16	60169466	190	260		480	443	416	391	368	345	318	282	234	173	6"	131	3022	10"

SS10

10” SUBMERSIBLE PUMPS

SS10A 6GF TR8 TR10

Multistage mixed-flow borehole electric pumps, completely made in stainless steel (AISI 304L or AISI 316 on request), usable for wells from a minimum diameter equal to pump size or greater and capable of developing a wide range of Flows and Heads.
These pumps can be used in a wide range of lifting, distributing, and pressuring application: domestic and general water supply; sprinkler and drip irrigations systems; fire-fighting installations; lowering of groundwater level; industrial supplies as mining, hot springs, autoclaves and tanks.
These pumps are suitable both for standard water and for aggressive water applications by choosing the proper manufacturing material (AISI 304L or AISI 316) both for hydraulic part and motor.
CONSTRUCTION FEATURES: Mixed flow pumps with diffusers, impellers, brackets, suction case and discharge case completely made of stainless steel AISI 304 in order to provide maximum strength, durability, wear and tear resistance.

Coupling with 4”, 6”, 8” or 10” motor depending on the power requested by hydraulic part:
- 4GG: 4” canned submersible motor
- 6GF: 6” canned submersible motor
- TR6: 6” rewindable submersible motor
- TR8: 8” rewindable submersible motor
- TR10: 10” rewindable submersible motor

For inverter application refer to the detailed motor specification

Performance range: flow up to 290 m^3/h and max head of 385 m
Max. quantity of sand/silt: 50g/m^3
Max. ambient temperature: 30°C (50°C available on request)
Outlet connection diameter (inside threaded): 6”
Nr of starts: refer to the motor specification
Motor Cooling flow: refer to the motor specification
Installation: horizontal or vertical, refer to the motor specification

ON REQUEST:
- Pump body stainless steel AISI 316 for aggressive water application
- Impellers stainless steel AISI 316
- Motors in full stainless steel AISI 316 for aggressive water application
- Star/Delta starting version
- Special version of the motor for high temperature application
- Non-standard power coupling

ACCESSORIES PAG. 321

TECHNICAL DATA - SS10A

MODEL	HYDRAULIC PART CODE	DIRECT STARTING	STAR / DELTA STARTING
		MOTOR CODE	MOTOR CODE
SS10A 01.B1 + 6GF - 15 KW	60168180	0620000	0622500
SS10A 01 + 6GF - 18,5 KW	60169211	0625000	0627500
SS10A 02.B2 + 6GF - 30 KW	60169212	0640000	0642500
SS10A 02 + 6GF - 37 KW	60168182	0650000	0650005
SS10A 03.B3 + TR860 45KW	60169467	60144582	60144592
SS10A 03.B1 + TR875 55KW	60169468	60144583	60144593
SS10A 03 + TR885 63KW	60169469	60144584	60144594
SS10A 04.B2 + TR8100 75KW	60169470	60144585	60144595
SS10A 04 + TR8100 75KW	60168185	60144585	60144595
SS10A 05 + TR8125 92KW	60168186	60144586	60144596
SS10A 06 + TR8150 110KW	60168187	60144587	60144597
SS10A 07 + TR10180 132KW	60168188	60146795	60146816
SS10A 08 + TR10200 147KW	60168189	60146796	60146817
SS10A 09 + TR10230 170KW	60168190	60146843	60146850
SS10A 10 + TR10260 190KW	60168191	60146844	60146851

ELECTRICAL DATA			DNM GAS	TOTAL WEIGHT KG	H mm	OPERATING BY INVERTER	HORIZ. INSTAL.
P2 NOMINAL		In 400 V (A)					
kW	HP						
15	20	33,4	6”	103	1292	●	●
18,5	25	41	6”	111	1352	●	●
30	40	61,5	6”	141,8	1668	●	●
37	50	79,3	6”	153,8	1748	●	●
45	60	92	6”	243	2417	o	●
55	75	109	6”	258	2497	o	●
63	85	126	6”	284	2637	o	●
75	100	145	6”	313	2913	o	●
75	100	145	6”	313	2913	o	●
92	125	177	6”	370	3329	o	●
110	150	213	6”	431	3735	o	●
132	180	257	6”	544	3721	o	●
147	200	300	6”	619	4098	o	●
170	230	348	6”	670	4424	o	●
190	260	405	6”	721	4780	o	●

When ordering, please specify the codes: pump, motor. The pump and the motor are supplied disassembled.

● allowed
o on demand

TECHNICAL DATA - SS10A Hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA											DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	0,0	50,0	100,0	140,0	180,0	200,0	220,0	240,0	260,0	290,0				
		kW	HP	Q=l/min	0,0	13,9	27,8	38,9	50,0	55,6	61,1	66,7	72,2	80,6				
SS10A 01.B1	60168180	15	20		29	27	25	22	20	19	18	16	15	11	6"	44	794	6"
SS10A 01	60169211	18,5	25		39	36	33	30	27	25	24	22	19	15	6"	44	794	6"
SS10A 02.B2	60169212	30	40		58	54	49	44	40	37	35	32	29	22	6"	55	970	6"
SS10A 02	60168182	37	50		77	72	66	59	53	50	47	44	39	30	6"	55	970	6"
SS10A 03.B3	60169467	45	60		87	81	74	66	59	56	53	49	44	34	6"	66	1147	8"
SS10A 03.B1	60169468	55	75		106	99	91	81	73	69	65	60	53	41	6"	66	1147	8"
SS10A 03	60169469	63	85		116	108	99	89	80	75	71	65	58	45	6"	66	1147	8"
SS10A 04.B2	60169470	75	100	H (mt)	135	126	115	103	93	88	82	76	68	53	6"	76	1323	8"
SS10A 04	60168185	75	100		155	145	132	119	106	100	94	87	78	60	6"	76	1323	8"
SS10A 05	60168186	92	125		194	181	165	148	133	125	118	109	97	75	6"	87	1499	8"
SS10A 06	60168187	110	150		232	217	198	178	159	151	141	131	117	91	6"	98	1675	8"
SS10A 07	60168188	132	180		271	253	231	207	186	176	165	152	136	106	6"	109	1851	8"
SS10A 08	60168189	147	200		310	289	264	237	212	201	189	174	156	121	6"	119	2028	10"
SS10A 09	60168190	170	230		349	325	298	267	239	226	212	196	175	136	6"	130	2204	10"
SS10A 10	60168191	190	260		387	362	331	296	265	251	236	218	195	151	6"	141	2380	10"

SMC6
6” SUBMERSIBLE PUMPS

NEWS

SMC6 6GF TR8

Multistage semiaxial submersible electric pumps for wells measuring 6” or above, able to generate a broad range of flow rates and heads.
They are used extensively for the lifting, distribution and pressurisation of industrial water systems, the supply of pressure vessels and tanks, firefighting systems and irrigation systems.
Application with clean, non-aggressive water free from solids or abrasive substances.

Construction features of the pump
Cast iron pump body treated with cataphoresis paint coating and dynamically balanced impellers in microcast AISI 304 stainless steel coupled on the shaft with pull tab. Shaft guided with coaxial bush bearings and fully protected with bushes.

Pump with check valve of low pressure loss.
Threaded delivery port.

Coupling with motors of 4”, 6” or 8” depending on the required hydraulic power:

4GG: encapsulated 4” submersible motor
4OL: 4” submersible motor in oil bath
6GF: encapsulated 6” submersible motor
TR6: rewindable 6” submersible motor
TR8: rewindable 8” submersible motor
Refer to the technical data sheets of the specific model for the electrical characteristics of the coupled motors and the specifications for operation with inverter.

Operating range: up to 84 m^3/h with head up to 452 m.
Pumped liquid: clean, free of solids and abrasives, chemically neutral, with properties similar to water.
Starts/hour: see the coupled motor
Cooling flow: see the coupled motor
Maximum permitted amount of sand: 40 g/m^3
Ambient temperature: 30 °C
Minimum recommended level on suction line: 1 m
Installation: horizontal or vertical

ACCESSORIES PAG. 321

TECHNICAL DATA - SMC6 30

MODEL	HYDRAULIC PART CODE	DIRECT STARTING	STAR / DELTA STARTING	ELECTRICAL DATA			DNM GAS	TOTAL WEIGHT KG	H mm	OPERATING BY INVERTER	HORIZ. INSTAL.
		MOTOR CODE	MOTOR CODE	P2 NOMINAL kW	P2 NOMINAL HP	In 400 V (A)					
SMC6 30/4E + 4GG - 5,5KW	60177213	60122762	-	5,5	7,5	14	2½“	55	1318	●	●
SMC6 30/5E + 6GF - 7,5KW	60177214	0610000	0611750	7,5	10	18	2½“	80	1370	●	●
SMC6 30/7G + 6GF - 9,2KW	60177215	0612500	0614000	9,2	12,5	22	2½“	92	1560	●	●
SMC6 30/8E + 6GF - 11KW	60177216	0615000	0617500	11	15	25,5	2½“	101	1688	●	●
SMC6 30/10F + 6GF - 13KW	60177217	60179200	60180703	15	20	33,4	2½“	115	1908	●	●
SMC6 30/11E + 6GF - 15KW	60177218	0620000	0622500	15	20	33,4	2½“	120	1990	●	●
SMC6 30/12E + 6GF - 18,5KW	60177219	0625000	0627500	18,5	25	41	2½“	133	2148	●	●
SMC6 30/14E + 6GF - 18,5KW	60177220	0625000	0627500	18,5	25	41	2½“	142	2313	●	●
SMC6 30/15E + 6GF - 22KW	60177221	0630000	0632400	22	30	47	2½“	152	2455	●	●
SMC6 30/17F + 6GF - 22KW	60177222	0630000	0632400	22	30	47	2½“	162	2620	●	●
SMC6 30/20F + 6GF - 30KW	60177223	0640000	0642500	30	40	61,5	2½“	190	2998	●	●
SMC6 30/22E + 6GF - 30KW	60177224	0640000	0642500	30	40	61,5	2½“	199	3163	●	●
SMC6 30/25F + 6GF - 37KW	60177225	0650000	0650005	37	50	79,3	2½“	224	3540	●	●
SMC6 30/28F + 6GF - 37KW	60177226	0650000	0650005	37	50	79,3	2½“	238	3788	●	●

When ordering, please specify the codes: pump, motor. The pump and the motor are supplied disassembled.

• allowed
o only version PE2 + PA
Δ contact our sales network

TECHNICAL DATA - SMC6 30 Hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA P2 NOMINAL REQUESTED		HYDRAULIC DATA												DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		kW	HP	Q=m³h	0	9	12	15	18	21	24	27	30	33	36	42				
				Q=l/min	0	150	200	250	300	350	400	450	500	550	600	700				
SMC6 30/4E	60177213	5,5	7,5	H (mt)	66,5	63	62	60,5	59	57	54,5	51,5	47,5	42,5	36,5	23	2½"	28	634	4"
SMC6 30/5E	60177214	7,5	10		83	79	77	75,5	73,5	71	68	64	59	53	45	28,5	2½"	33	710	6"
SMC6 30/7G	60177215	9,2	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	6"
SMC6 30/8E	60177216	11	15		133	126	123,5	120,5	117,5	113,5	108,5	102	94	84	71,5	45	2½"	46	958	6"
SMC6 30/10F	60177217	15	20		161,5	150,5	148	144,5	140,5	136	129	120	109	96	79,5	49	2½"	55	1123	6"
SMC6 30/11E	60177218	15	20		182,5	171	167,5	164	159,5	154,5	147	137,5	125,5	111	93	58	2½"	60	1205	6"
SMC6 30/12E	60177219	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	6"
SMC6 30/14E	60177220	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	6"
SMC6 30/15E	60177221	22	30		249	233	228,5	223,5	217,5	210,5	200	187	170,5	151	126,5	79	2½"	78	1535	6"
SMC6 30/17F	60177222	22	30		274,5	256	251,5	245,5	239	230,5	219	204	185	162,5	135	82	2½"	88	1700	6"
SMC6 30/20F	60177223	30	40		322,5	304	297,5	290	282	272,5	259	240,5	217,5	189	155	92,5	2½"	101	1948	6"
SMC6 30/22E	60177224	30	40		361	339	332	325	318	306	291	271,5	246	215	177	106,5	2½"	110	2113	6"
SMC6 30/25F	60177225	37	50		403	380	372	362,5	352,5	340,5	323,5	301	271,5	236	193,5	115,5	2½"	124	2360	6"
SMC6 30/28F	60177226	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	6"

SMC6
6" SUBMERSIBLE PUMPS

TECHNICAL DATA - SMC6 45

MODEL	HYDRAULIC PART CODE	DIRECT STARTING	STAR / DELTA STARTING	ELECTRICAL DATA			DNM GAS	TOTAL WEIGHT KG	H mm	OPERATING BY INVERTER	HORIZ. INSTAL.
		MOTOR CODE	MOTOR CODE	P2 NOMINAL kW	P2 NOMINAL HP	In 400 V (A)					
SMC6 45/3H + 4GG - 4KW	60177227	60122760	-	4	5,5	10	3"	49	1278	●	●
SMC6 45/4H + 4GG - 5,5KW	60177228	60122762	-	5,5	7,5	14	3"	58	1318	●	●
SMC6 45/5G + 6GF - 7,5KW	60177229	0610000	0611750	7,5	10	18	3"	84	1548	●	●
SMC6 45/6F + 6GF - 9,2KW	60177230	0612500	0614000	9,2	12,5	22	3"	92	1688	●	●
SMC6 45/7E + 6GF - 11KW	60177231	0615000	0617500	11	15	25,5	3"	102	1848	●	●
SMC6 45/8E + 6GF - 13KW	60177232	60179200	60180703	15	20	33,4	3"	113	2018	●	●
SMC6 45/10F + 6GF - 15KW	60177233	0620000	0622500	15	20	33,5	3"	124	2248	●	●
SMC6 45/11F + 6GF - 18,5KW	60177234	0625000	0627500	18,5	25	41	3"	137	2438	●	●
SMC6 45/12F + 6GF - 18,5KW	60177236	0625000	0627500	18,5	25	41	3"	142	2553	●	●
SMC6 45/13F + 6GF - 22KW	60177237	0630000	0632400	22	30	47	3"	154	2728	●	●
SMC6 45/14E + 6GF - 22KW	60177238	0630000	0632400	22	30	47	3"	159	2843	●	●
SMC6 45/17F + 6GF - 30KW	60177239	0640000	0642500	30	40	61,5	3"	190	3318	●	●
SMC6 45/20F + 6GF - 30KW	60177240	0640000	0642500	30	40	61,5	3"	206	3663	●	●
SMC6 45/22G + 6GF - 37KW	60177241	0650000	0650005	37	50	79,3	3"	228	4023	●	●
SMC6 45/24F + 6GF - 37KW	60177242	0650000	0650005	37	50	79,3	3"	239	4253	●	●

When ordering, please specify the codes: pump, motor. The pump and the motor are supplied disassembled.

• allowed
o only version PE2 + PA
Δ contact our sales network

TECHNICAL DATA - SMC6 45 Hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA													DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	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	4	5,5		39	35,5	33,5	32	30,5	28,5	26	24,5	23	18,5	14	9	3"	26	664	4"
SMC6 45/4H	60177228	5,5	7,5		52	47,5	45	43	41	38,5	35	33	30,5	25,5	19	13	3"	31	773	4"
SMC6 45/5G	60177229	7,5	10		70	64	61,5	59,5	57	54	49,5	47	44	37,5	29,5	20	3"	37	888	6"
SMC6 45/6F	60177230	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	6"
SMC6 45/7E	60177231	11	15		101	95,5	92	89	85	80	72,5	68,5	64	53,5	41,5	28,5	3"	47	1118	6"
SMC6 45/8E	60177232	15	20		116	110	106,5	103	99	93	85	80,5	75	63	48	31,5	3"	53	1233	6"
SMC6 45/10F	60177233	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	6"
SMC6 45/11F	60177234	18,5	25	H (mt)	154,5	143	137	131,5	125,5	118,5	108,5	102,5	96	80,5	62,5	43,5	3"	69	1578	6"
SMC6 45/12F	60177236	18,5	25		168,5	156	149	143,5	137	129,5	118,5	112	104,5	87,5	68	47	3"	74	1693	6"
SMC6 45/13F	60177237	22	30		182,5	168,5	161,5	155,5	148,5	140	128	121	113	95	73,5	51	3"	80	1808	6"
SMC6 45/14E	60177238	22	30		201,5	190,5	183,5	177	169	159	144,5	136	126,5	105,5	81,5	57	3"	85	1923	6"
SMC6 45/17F	60177239	30	40		238,5	220,5	211	203	194	183	167,5	158	147,5	123,5	95,5	66	3"	101	2268	6"
SMC6 45/20F	60177240	30	40		280,5	259,5	248,5	238,5	228	215	196,5	186	173,5	145,5	112	75	3"	117	2613	6"
SMC6 45/22G	60177241	37	50		308	284,5	274	263	250	234	212,5	200,5	187	157	121	78,5	3"	128	2843	6"
SMC6 45/24F	60177242	37	50		336,5	311	298	286	273,5	258	236	222,5	208	174	134,5	93	3"	139	3073	6"

TECHNICAL DATA - SMC6 60

MODEL	HYDRAULIC PART CODE	DIRECT STARTING	STAR / DELTA STARTING	ELECTRICAL DATA			DNM GAS	TOTAL WEIGHT KG	H mm	OPERATING BY INVERTER	HORIZ. INSTAL.
		MOTOR CODE	MOTOR CODE	P2 NOMINAL kW	P2 NOMINAL HP	In 400 V (A)					
SMC6 60/2G + 4GG - 4KW	60177243	60122760	-	4	5,5	10	3"	44	1278	●	●
SMC6 60/3G + 4GG - 5,5KW	60177244	60122762	-	5,5	7,5	14	3"	53	1318	●	●
SMC6 60/4G + 6GF - 7,5KW	60177245	0610000	0611750	7,5	10	18	3"	78	1433	●	●
SMC6 60/5G + 6GF - 9,2KW	60177246	0612500	0614000	9,2	12,5	22	3"	87	1573	●	●
SMC6 60/6G + 6GF - 11KW	60177247	0615000	0617500	11	15	25,5	3"	97	1733	●	●
SMC6 60/7E + 6GF - 13KW	60177248	60179200	60180703	15	20	33,4	3"	107	1903	●	●
SMC6 60/8E + 6GF - 15KW	60177249	0620000	0622500	15	20	33,4	3"	113	2018	●	●
SMC6 60/9E + 6GF - 18,5KW	60177250	0625000	0627500	18,5	25	41	3"	126	2208	●	●
SMC6 60/10E + 6GF - 18,5KW	60177251	0625000	0627500	18,5	25	41	3"	132	2323	●	●
SMC6 60/11E + 6GF - 22KW	60177252	0630000	0632400	22	30	47	3"	143	2498	●	●
SMC6 60/12E + 6GF - 22KW	60177253	0630000	0632400	22	30	47	3"	148	2613	●	●
SMC6 60/14E + 6GF - 30KW	60177254	0640000	0642500	30	40	61,5	3"	174	2973	●	●
SMC6 60/16E + 6GF - 30KW	60177255	0640000	0642500	30	40	61,5	3"	185	3203	●	●
SMC6 60/18F + 6GF - 37KW	60177256	0650000	0650005	37	50	79,3	3"	206	3563	●	●
SMC6 60/20E + 6GF - 37KW	60177257	0650000	0650005	37	50	79,3	3"	217	3793	●	●
SMC6 60/24E + 6GF + 45KW	60177258	0660000	60174646	45	60	95	3"	253	4433	●	●

When ordering, please specify the codes: pump, motor. The pump and the motor are supplied disassembled.

• allowed
o only version PE2 + PA
Δ contact our sales network

TECHNICAL DATA - SMC6 60 Hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA												DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	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	4	5,5		26,5	24,5	23,5	22,5	21,5	20	18,5	16	14	11	8	5	3"	21	549	4"
SMC6 60/3G	60177244	5,5	7,5		39,5	37	35,5	34	32,5	30,5	28	24,5	21	17	13	8	3"	26	664	4"
SMC6 60/4G	60177245	7,5	10		52	50,5	48,5	47	45	42	39	34,5	30	25	19,5	13	3"	31	773	6"
SMC6 60/5G	60177246	9,2	12,5		65	63	60,5	58,5	56	52,5	48,5	43	37	31	24	16	3"	37	888	6"
SMC6 60/6G	60177247	11	15		78	75,5	72,5	70	67,5	63	58	51,5	44,5	36,5	28	18,5	3"	42	1003	6"
SMC6 60/7E	60177248	15	20		94,5	89	83,5	81	77,5	72,5	67	59,5	51	42	32	22,5	3"	47	1118	6"
SMC6 60/8E	60177249	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	6"
SMC6 60/9E	60177250	18,5	25		121,5	114	107,5	104	99,5	93	86	76	65,5	53,5	41	28	3"	58	1348	6"
SMC6 60/10E	60177251	18,5	25	H (mt)	135	126,5	119,5	115,5	110,5	103,5	95,5	84,5	72,5	59	45	31	3"	64	1463	6"
SMC6 60/11E	60177252	22	30		148	139,5	131,5	127	121,5	113,5	104,5	93	79,5	65	49,5	34	3"	69	1578	6"
SMC6 60/12E	60177253	22	30		161,5	152	143	138,5	132,5	124	114	101	87	70,5	54	36,5	3"	74	1693	6"
SMC6 60/14E	60177254	30	40		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	6"
SMC6 60/16E	60177255	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	6"
SMC6 60/18F	60177256	37	50		238	225	213,5	206	196,5	183	167	148,5	128	105	80	52,5	3"	106	2383	6"
SMC6 60/20E	60177257	37	50		269,5	255	242	233,5	223	208	191,5	170	147	121,5	94	62,5	3"	117	2613	6"
SMC6 60/24E	60177258	45	60		323,5	306	290	280	267,5	249,5	229,5	204	176,5	145,5	112	74,5	3"	139	3073	6"

SMC8
8" SUBMERSIBLE PUMPS

NEWS


SMC8 6GF TR8 TR10

Multistage semiaxial submersible electric pumps for wells measuring 8" or above, able to generate a broad range of flow rates and heads.
They are used extensively for the lifting, distribution and pressurisation of industrial water systems, the supply of pressure vessels and tanks, firefighting systems and irrigation systems.
Application with clean, non-aggressive water free from solids or abrasive substances.

Construction features of the pump
Cast iron pump body treated with cataphoresis paint coating and dynamically balanced impellers in microcast AISI 304 stainless steel coupled on the shaft with pull tab. Shaft guided with coaxial bush bearings and fully protected with bushes.
Pump with check valve of low pressure loss.
Threaded delivery port.

Coupling with motors of 6" or 8" depending on the required hydraulic power and available in a standard version with cast iron supports treated with cataphoresis paint coating, and in a version entirely in AISI 316 stainless steel:
6GF/6GX: encapsulated 6" submersible motor
TR6: rewindable 6" submersible motor
TR8: rewindable 8" submersible motor
Refer to the technical data sheets of the specific model for the electrical characteristics of the submersible motors and the specifications for operation with inverter.

Operating range: up to 192 m^3/h with head up to 488 m.
Pumped liquid: clean, free of solids and abrasives, chemically neutral, with properties similar to water.
Start-ups/hour: see the coupled motor
Cooling flow: see the coupled motor
Maximum permitted amount of sand: 40 g/m^3
Ambient temperature: 30 °C
Minimum recommended level on suction line: 1,5 m.
Installation: horizontal or vertical

ACCESSORIES PAG. 321

TECHNICAL DATA - SMC8 60

MODEL	HYDRAULIC PART CODE	DIRECT STARTING	STAR / DELTA STARTING	ELECTRICAL DATA			DNM GAS	TOTAL WEIGHT KG	H mm	OPERATING BY INVERTER	HORIZ. INSTAL.
		MOTOR CODE	MOTOR CODE	P2 NOMINAL		In 400 V (A)					
				kW	HP						
SMC8 60/1D + 6GF - 4KW	60177259	0605500	0605620	4	5,5	10,6	5"	72	1151	●	●
SMC8 60/2I + 6GF - 5,5KW	60177260	0607500	0607510	5,5	7,5	14	5"	86	1318	●	●
SMC8 60/2F + 6GF - 7,5KW	60177261	0610000	0611750	7,5	10	18	5"	89	1347	●	●
SMC8 60/3G + 6GF - 9,2KW	60177262	0612500	0614000	9,2	12,5	22	5"	102	1508	●	●
SMC8 60/3F + 6GF - 11KW	60177263	0615000	0617500	11	15	25,5	5"	108	1553	●	●
SMC8 60/4H + 6GF - 11KW	60177264	0615000	0617500	11	15	25,5	5"	118	1689	●	●
SMC8 60/4G + 6GF - 13KW	60177265	60179200	60180703	15	20	33,4	5"	123	1744	●	●
SMC8 60/4F + 6GF - 15KW	60177266	0620000	0622500	15	20	33,4	5"	123	1744	●	●
SMC8 60/5G + 6GF - 18,5KW	60177267	0625000	0627500	18,5	25	41	5"	142	1955	●	●
SMC8 60/5F + 6GF - 18,5KW	60177268	0625000	0627500	18,5	25	41	5"	142	1955	●	●
SMC8 60/6G + 6GF - 22KW	60177269	0630000	0632400	22	30	47	5"	158	2151	●	●
SMC8 60/6F + 6GF - 22KW	60177270	0630000	0632400	22	30	47	5"	159	2151	●	●
SMC8 60/7G + 6GF - 22KW	60177271	0630000	0632400	22	30	47	5"	169	2287	●	●
SMC8 60/8G + 6GF - 30KW	60177272	0640000	0642500	30	40	61,5	5"	194	2553	●	●
SMC8 60/8F + 6GF - 30KW	60177273	0640000	0642500	30	40	61,5	5"	195	2553	●	●
SMC8 60/9E + 6GF - 37KW	60177274	0650000	0650005	37	50	79,3	5"	217	2819	●	●
SMC8 60/10E + 6GF - 37KW	60177277	0650000	0650005	37	50	79,3	5"	228	2955	●	●
SMC8 60/11F + TR8 + 45KW	60177278	60144582	60144592	45	60	92	5"	317	3181	o	●
SMC8 60/11D + TR8 + 45KW	60177281	60144582	60144592	45	60	92	5"	317	3181	o	●
SMC8 60/12D + TR8 - 55KW	60177282	60144583	60144593	55	75	109	5"	342	3397	o	●
SMC8 60/13D + TR8 - 55KW	60177283	60144583	60144593	55	75	109	5"	353	3533	o	●
SMC8 60/14E + TR8 + 63KW	60177284	60144584	60144594	63	85	126	5"	390	3809	o	●
SMC8 60/15F + TR8 + 63KW	60177285	60144584	60144594	63	85	126	5"	400	3945	o	●
SMC8 60/15C + TR8 - 75KW	60177286	60144585	60144595	75	100	145	5"	420	4045	o	●
SMC8 60/15B + TR8 - 75KW	60177287	60144585	60144595	75	100	145	5"	421	4045	o	●
SMC8 60/16B + TR8 - 75KW	60177288	60144585	60144595	75	100	145	5"	432	4181	o	●
SMC8 60/18B + TR8 - 92KW	60177289	60144586	60144596	92	125	177	5"	499	4693	o	●
SMC8 60/19B + TR8 - 92KW	60177290	60144586	60144596	92	125	177	5"	510	4829	o	●

When ordering, please specify the codes: pump, motor. The pump and the motor are supplied disassembled.

• allowed
o only version PE2 + PA
Δ contact our sales network

SMC8
8" SUBMERSIBLE PUMPS

TECHNICAL DATA - SMC8 60 Hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA														DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		Q=m³h	0	24	30	36	42	48	54	60	66	72	78	84	90				
		kW	HP	Q=l/min	0	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500				
SMC8 60/1D	60177259	4	5,5	H (mt)	23,5	20	19,5	19	18,5	18	17	16,5	15	14	12,5	11	9,5	5"	32	551	6"
SMC8 60/2I	60177260	5,5	7,5		38	32,5	31,5	30	28,5	27,5	25,5	23,5	21	17,5	14	10,5	7	5"	42	687	6"
SMC8 60/2F	60177261	7,5	10		47	41	39,5	38,5	37	36	34	32	29,5	27	24	21	18,5	5"	42	687	6"
SMC8 60/3G	60177262	9,2	12,5		62,5	54,5	53,5	52	50	48	45,5	42,5	38,5	33,5	29	24	19	5"	52	823	6"
SMC8 60/3F	60177263	11	15		70	62	60,5	58,5	56	54	51,5	48,5	44,5	40,5	35,5	31,5	26	5"	53	823	6"
SMC8 60/4H	60177264	11	15		79,5	69,5	68	65,5	62	58,5	54,5	50,5	45,5	40	35	28	21,5	5"	63	959	6"
SMC8 60/4G	60177265	15	20		83	73	71	69	66,5	64	60,5	56,5	51	45	38,5	32	25,5	5"	63	959	6"
SMC8 60/4F	60177266	15	20		93	82	80	78	75	72	68	64,5	59	53,5	47	41	35	5"	63	959	6"
SMC8 60/5G	60177267	18,5	25		104	91	89	86,5	83	80	76	70,5	64	56	48	40	32	5"	74	1095	6"
SMC8 60/5F	60177268	18,5	25		115	103	100	96,5	93	89	84	79	72,5	65	57	49,5	41,5	5"	74	1095	6"
SMC8 60/6G	60177269	22	30		125	109	107	104	99,5	95,5	91	84,5	76,5	67,5	57,5	48	38,5	5"	84	1231	6"
SMC8 60/6F	60177270	22	30		138	123	120	116	112	107	101	95	86,5	78	68,5	59,5	50	5"	85	1231	6"
SMC8 60/7G	60177271	22	30		146	128	125	121	116	112	106	99	89,5	78,5	67	56	45	5"	95	1367	6"
SMC8 60/8G	60177272	30	40		167	146	144	138	133	128	122	113	102	89,5	77	64	51	5"	105	1503	6"
SMC8 60/8F	60177273	30	40		184	164	160	155	149	142	136	127	116	104	91,5	79,5	66,5	5"	106	1503	6"
SMC8 60/9E	60177274	37	50		207	185	180	174	167	160	152	142	130	117	103	89,5	75	5"	117	1639	6"
SMC8 60/10E	60177277	37	50		230	205	200	194	186	178	169	158	145	130	114	99	83,5	5"	128	1775	6"
SMC8 60/11F	60177278	45	60		253	226	220	213	204	196	185	174	159	143	126	109	92	5"	140	1911	6"
SMC8 60/11D	60177281	45	60		272	241	237	230	221	212	202	189	173	156	136	117	98	5"	140	1911	6"
SMC8 60/12D	60177282	55	75		295	265	259	251	242	234	222	208	191	173	152	132	110	5"	150	2047	8"
SMC8 60/13D	60177283	55	75		321	285	280	272	261	251	238	223	204	184	161	139	117	5"	161	2183	8"
SMC8 60/14E	60177284	63	85		334	297	290	280	269	259	246	231	212	190	165	141	116	5"	172	2319	8"
SMC8 60/15F	60177285	63	85		349	313	308	298	286	275	260	243	222	198	172	147	122	5"	182	2455	8"
SMC8 60/15C	60177286	75	100		375	340	334	324	313	300	287	270	247	222	194	164	135	5"	183	2455	8"
SMC8 60/15B	60177287	75	100		385	358	350	340	327	315	302	286	265	243	217	188	159	5"	184	2455	8"
SMC8 60/16B	60177288	75	100		411	382	374	363	349	333	316	298	278	255	228	200	170	5"	195	2591	8"
SMC8 60/18B	60177289	92	125		460	423	412	400	386	369	350	328	304	277	248	218	187	5"	216	2863	8"
SMC8 60/19B	60177290	92	125		488	453	444	431	415	396	376	354	330	303	271	238	202	5"	227	2999	8"

TECHNICAL DATA - SMC8 85

MODEL	HYDRAULIC PART CODE	DIRECT STARTING	STAR / DELTA STARTING	ELECTRICAL DATA			DNM GAS	TOTAL WEIGHT KG	H mm	OPERATING BY INVERTER	HORIZ. INSTAL.
		MOTOR CODE	MOTOR CODE	P2 NOMINAL kW	P2 NOMINAL HP	In 400 V (A)					
SMC8 85/1A + 6GF - 5,5KW	60177291	0607500	0607510	5,5	7,5	14	5"	76	1182	●	●
SMC8 85/2F + 6GF - 7,5KW	60177292	0610000	0611750	7,5	10	18	5"	88	1347	●	●
SMC8 85/2D + 6GF - 9,2KW	60177293	0612500	0614000	9,2	12,5	22	5"	92	1372	●	●
SMC8 85/3F + 6GF - 11KW	60177294	0615000	0617500	11	15	25,5	5"	107	1553	●	●
SMC8 85/3E + 6GF - 13KW	60177295	60179200	60180703	15	20	33,4	5"	112	1608	●	●
SMC8 85/3B + 6GF - 15KW	60177298	0620000	0622500	15	20	33,4	5"	112	1608	●	●
SMC8 85/4E + 6GF - 18,5KW	60177299	0625000	0627500	18,5	25	41	5"	131	1819	●	●
SMC8 85/4D + 6GF - 18,5KW	60177303	0625000	0627500	18,5	25	41	5"	131	1819	●	●
SMC8 85/4B + 6GF - 22KW	60177304	0630000	0632400	22	30	47	5"	137	1879	●	●
SMC8 85/5E + 6GF - 22KW	60177306	0630000	0632400	22	30	47	5"	147	2015	●	●
SMC8 85/5A + 6GF - 30KW	60177307	0640000	0642500	30	40	61,5	5"	163	2145	●	●
SMC8 85/6E + 6GF - 30KW	60177308	0640000	0642500	30	40	61,5	5"	173	2281	●	●
SMC8 85/6B + 6GF - 30KW	60177309	0640000	0642500	30	40	61,5	5"	173	2281	●	●
SMC8 85/7E + 6GF - 30KW	60177310	0640000	0642500	30	40	61,5	5"	183	2417	●	●
SMC8 85/7D + 6GF - 37KW	60177311	0650000	0650005	37	50	79,3	5"	195	2547	●	●
SMC8 85/8D + 6GF - 37KW	60177312	0650000	0650005	37	50	79,3	5"	205	2683	●	●
SMC8 85/8C + TR8 + 45KW	60177313	60144582	60144592	45	60	92	5"	284	2773	o	●
SMC8 85/9C + TR8 + 45KW	60177314	60144582	60144592	45	60	92	5"	294	2909	o	●
SMC8 85/10C + TR8 - 55KW	60177315	60144583	60144593	55	75	109	5"	320	3125	o	●
SMC8 85/11C + TR8 - 55KW	60177316	60144583	60144593	55	75	109	5"	330	3261	o	●
SMC8 85/12D + TR8 + 63KW	60177317	60144584	60144594	63	85	126	5"	367	3537	o	●
SMC8 85/13E + TR8 + 63KW	60177318	60144584	60144594	63	85	126	5"	377	3673	o	●
SMC8 85/13C + TR8 - 75KW	60177319	60144585	60144595	75	100	145	5"	397	3773	o	●
SMC8 85/14C + TR8 - 75KW	60177320	60144585	60144595	75	100	145	5"	407	3909	o	●
SMC8 85/15C + TR8 - 75KW	60177321	60144585	60144595	75	100	145	5"	418	4045	o	●
SMC8 85/17C + TR8 - 92KW	60177322	60144586	60144596	92	125	177	5"	485	4557	o	●
SMC8 85/18C + TR8 - 92KW	60177323	60144586	60144596	92	125	177	5"	496	4693	o	●

When ordering, please specify the codes: pump, motor. The pump and the motor are supplied disassembled.

• allowed
o only version PE2 + PA
Δ contact our sales network

SMC8
8" SUBMERSIBLE PUMPS

TECHNICAL DATA - SMC8 85 Hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA P2 NOMINAL REQUESTED kW	HP	HYDRAULIC DATA Q=m³h	0	36	54	60	66	72	78	84	90	96	102	108	114	DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
				Q=l/min	0	600	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900				
SMC8 85/1A	60177291	5,5	7,5		27	21,5	20	19,5	18,5	18	17,5	16,5	15,5	14,5	13	12	10,5	5"	32	551	6"
SMC8 85/2F	60177292	7,5	10		44	34,5	30,5	29,5	28	27	25	23	21	18,5	16,5	14	12,5	5"	41	687	6"
SMC8 85/2D	60177293	9,2	12,5		51	41	36,5	35	33,5	32,5	31,5	29,5	27	24,5	21,5	19	16	5"	42	687	6"
SMC8 85/3F	60177294	11	15		66	52	46	44	42	40	37,5	35	31,5	27,5	24,5	21,5	18	5"	52	823	6"
SMC8 85/3E	60177295	15	20		75	60,5	54,5	52,5	50	48,5	46	43,5	40	35,5	31,5	27,5	23	5"	52	823	6"
SMC8 85/3B	60177298	15	20		78,5	63	57	55	53	51	49	46,5	42,5	38,5	34	30	25	5"	52	823	6"
SMC8 85/4E	60177299	18,5	25		91	72	65	62,5	60	57	54	50	45,5	41	35,5	30	24,5	5"	63	959	6"
SMC8 85/4D	60177303	18,5	25		103	81,5	73	70	67	65	62,5	59	54	49	43,5	38	32,5	5"	63	959	6"
SMC8 85/4B	60177304	22	30		105	85,5	77	74	71	68,5	65,5	62,5	57,5	52	46,5	40,5	34,5	5"	63	959	6"
SMC8 85/5E	60177306	22	30		124	99	89	85	81,5	78,5	74,5	69,5	63	57	50	43,5	36,5	5"	73	1095	6"
SMC8 85/5A	60177307	30	40		136	113	102	98	94	91	87,5	83,5	77,5	70,5	63	56	48,5	5"	74	1095	6"
SMC8 85/6E	60177308	30	40		148	119	107	102	98	94	89,5	83	76	68	60	52	43,5	5"	84	1231	6"
SMC8 85/6B	60177309	30	40		157	128	116	111	107	103	98,5	93	85	77	68	59,5	50,5	5"	84	1231	6"
SMC8 85/7E	60177310	30	40	H (mt)	173	139	125	120	116	110	104	97,5	88,5	79,5	70	61	51	5"	94	1367	6"
SMC8 85/7D	60177311	37	50		178	145	131	126	121	116	111	105	95	85	75	65	54,5	5"	95	1367	6"
SMC8 85/8D	60177312	37	50		202	161	145	140	134	128	122	116	105	93,5	81,5	70	57	5"	105	1503	6"
SMC8 85/8C	60177313	45	60		212	173	157	151	146	141	135	128	118	106	94,5	83	70	5"	107	1503	8"
SMC8 85/9C	60177314	45	60		237	194	175	169	162	157	150	142	131	117	104	91	76,5	5"	117	1639	8"
SMC8 85/10C	60177315	55	75		267	218	196	189	182	176	170	162	150	137	122	106	90	5"	128	1775	8"
SMC8 85/11C	60177316	55	75		291	239	215	207	199	192	184	174	160	146	130	114	97	5"	138	1911	8"
SMC8 85/12D	60177317	63	85		304	251	227	218	209	201	193	182	167	150	132	114	95	5"	149	2047	8"
SMC8 85/13E	60177318	63	85		329	262	236	227	217	208	198	188	170	152	133	114	93	5"	159	2183	8"
SMC8 85/13C	60177319	75	100		336	281	257	247	237	229	219	206	190	172	153	134	114	5"	160	2183	8"
SMC8 85/14C	60177320	75	100		359	301	276	265	255	245	234	221	203	183	163	142	120	5"	170	2319	8"
SMC8 85/15C	60177321	75	100		385	322	294	284	273	263	251	237	218	196	174	152	129	5"	181	2455	8"
SMC8 85/17C	60177322	92	125		436	365	333	322	310	298	285	269	246	222	197	173	146	5"	202	2727	8"
SMC8 85/18C	60177323	92	125		462	387	353	340	328	315	301	285	261	235	209	183	154	5"	213	2863	8"

TECHNICAL DATA - SMC8 110

MODEL	HYDRAULIC PART CODE	DIRECT STARTING	STAR / DELTA STARTING	ELECTRICAL DATA			DNM GAS	TOTAL WEIGHT KG	H mm	OPERATING BY INVERTER	HORIZ. INSTAL.
		MOTOR CODE	MOTOR CODE	P2 NOMINAL		In 400 V (A)					
				kW	HP						
SMC8 110/2H + 6GF - 13KW	60177324	60179200	60180703	15	20	33,4	5"	103	785	●	●
SMC8 110/3G + 6GF - 18,5KW	60177325	0625000	0627500	18,5	25	41	5"	123	860	●	●
SMC8 110/3B + 6GF - 22KW	60177326	0630000	0632400	22	30	47	5"	129	920	●	●
SMC8 110/4F + 6GF - 30KW	60177327	0640000	0642500	30	40	61,5	5"	156	1050	●	●
SMC8 110/5I + 6GF - 30KW	60177443	0640000	0642500	30	40	61,5	5"	168	1050	●	●
SMC8 110/5F + 6GF - 37KW	60177444	0650000	0650005	37	50	79,3	5"	179	1180	●	●
SMC8 110/6H + 6GF - 37KW	60177445	0650000	0650005	37	50	79,3	5"	191	1180	●	●
SMC8 110/6F + TR8 + 45KW	60177446	60144582	60144592	45	60	92	5"	270	1270	O	●
SMC8 110/6B + TR8 + 45KW	60177447	60144582	60144592	45	60	92	5"	270	1270	O	●
SMC8 110/7C + TR8 - 55KW	60177448	60144583	60144593	55	75	109	5"	297	1350	O	●
SMC8 110/9L + TR8 - 55KW	60177449	60144583	60144593	55	75	109	5"	321	1350	O	●
SMC8 110/9G + TR8 + 63KW	60177450	60144584	60144594	63	85	126	5"	347	1490	O	●
SMC8 110/9B + TR8 - 75KW	60177451	60144585	60144595	75	100	145	5"	366	1590	O	●
SMC8 110/10B + TR8 - 75KW	60177452	60144585	60144595	75	100	145	5"	379	1590	O	●
SMC8 110/11B + TR8 - 92KW	60177453	60144586	60144596	92	125	177	5"	437	1830	O	●
SMC8 110/13E + TR8 - 92KW	60177454	60144586	60144596	92	125	177	5"	461	1830	O	●
SMC8 110/14C + TR8 - 110KW	60177455	60144587	60144597	110	150	213	5"	523	2060	O	●
SMC8 110/15C + TR8 - 110KW	60177456	60144587	60144597	110	150	213	5"	536	2060	O	●

When ordering, please specify the codes: pump, motor. The pump and the motor are supplied disassembled.

• allowed
O only version PE2 + PA
Δ contact our sales network

TECHNICAL DATA - SMC8 110 Hydraulic part

MODEL	HYDRAULIC PART CODE
SMC8 110/2H	60177324
SMC8 110/3G	60177325
SMC8 110/3B	60177326
SMC8 110/4F	60177327
SMC8 110/5I	60177443
SMC8 110/5F	60177444
SMC8 110/6H	60177445
SMC8 110/6F	60177446
SMC8 110/6B	60177447
SMC8 110/7C	60177448
SMC8 110/9L	60177449
SMC8 110/9G	60177450
SMC8 110/9B	60177451
SMC8 110/10B	60177452
SMC8 110/11B	60177453
SMC8 110/13E	60177454
SMC8 110/14C	60177455
SMC8 110/15C	60177456

ELECTRICAL DATA		HYDRAULIC DATA														DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
P2 NOMINAL REQUESTED		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					
15	20		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"
18,5	25		69,5	63	57,5	53	50,5	49	47	45	42	39,5	33	22	5"	46	886	6"
22	30		76	69	64	60,5	57,5	56	54	51,5	49	46	39	27,5	5"	46	886	6"
30	40		95	87,5	80,5	75,5	72	69,5	67	63,5	60	56	47,5	32,5	5"	56	1043	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	6"
37	50		118	109,5	101,5	95,5	91	88	85	80,5	76	71	60,5	41,5	5"	66	1200	6"
37	50		137,5	126	117	109,5	103,5	100	96	90,5	85	79	66	45	5"	76	1357	6"
45	60		144,5	134	124,5	117,5	112	109	105,5	100,5	95	89	76	53,5	5"	76	1357	8"
45	60	H (mt)	155,5	144	134,5	127	121	117,5	113,5	108,5	102,5	96,5	83	59,5	5"	76	1357	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	8"
55	75		200,5	186	171,5	161,5	154	149	143	136	127,5	118,5	98,5	66	5"	106	1828	8"
63	85		209	194,5	180	170	162	157	152	146	137,5	128,5	108,5	74,5	5"	106	1828	8"
75	100		225,5	212	196,5	185,5	176,5	171,5	165,5	159,0	150,5	141,0	121,0	88,0	5"	106	1828	8"
75	100		251,0	235,5	218	206	196	190,5	184	177	167,5	157	134,5	97,5	5"	116	1985	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	8"
92	125		313	294	272	257	244,5	238	230	221	209	196,5	167,5	117,5	5"	146	2456	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	8"
110	150		376	353	327,5	309	294	285,5	276	265,5	251	235,5	201,5	146,5	5"	166	2770	8"

TECHNICAL DATA - SMC8 135

MODEL	HYDRAULIC PART CODE	DIRECT STARTING	STAR / DELTA STARTING	ELECTRICAL DATA			DNM GAS	TOTAL WEIGHT KG	H mm	OPERATING BY INVERTER	HORIZ. INSTAL.
		MOTOR CODE	MOTOR CODE	P2 NOMINAL kW	P2 NOMINAL HP	In 400 V (A)					
SMC8 135/2M + 6GF - 13KW	60177457	60179200	60180703	15	20	33,4	5"	103	1514	●	●
SMC8 135/2F + 6GF - 15KW	60177458	0620000	0622500	15	20	33,4	5"	103	1514	●	●
SMC8 135/2C + 6GF - 18,5KW	60177459	0625000	0627500	18,5	25	41	5"	111	1589	●	●
SMC8 135/3N + 6GF - 18,5KW	60177460	0625000	0627500	18,5	25	41	5"	123	1746	●	●
SMC8 135/3L + 6GF - 22KW	60177461	0630000	0632400	22	30	47	5"	129	1806	●	●
SMC8 135/3B + 6GF - 30KW	60177462	0640000	0642500	30	40	61,5	5"	144	1936	●	●
SMC8 135/4E + 6GF - 30KW	60177463	0640000	0642500	30	40	61,5	5"	156	2093	●	●
SMC8 135/4C + 6GF - 37KW	60177464	0650000	0650005	37	50	79,3	5"	167	2223	●	●
SMC8 135/5F + 6GF - 37KW	60177465	0650000	0650005	37	50	79,3	5"	179	2380	●	●
SMC8 135/5E + TR8 + 45KW	60177466	60144582	60144592	45	60	92	5"	258	2470	o	●
SMC8 135/6F + TR8 + 45KW	60177467	60144582	60144592	45	60	92	5"	270	2627	o	●
SMC8 135/7G + TR8 - 55KW	60177468	60144583	60144593	55	75	109	5"	297	2864	o	●
SMC8 135/7E + TR8 - 55KW	60177469	60144583	60144593	55	75	109	5"	297	2864	o	●
SMC8 135/8G + TR8 + 63KW	60177470	60144584	60144594	63	85	126	5"	335	3161	o	●
SMC8 135/9G + TR8 - 75KW	60177471	60144585	60144595	75	100	145	5"	366	3418	o	●
SMC8 135/9C + TR8 - 75KW	60177472	60144585	60144595	75	100	145	5"	366	3418	o	●
SMC8 135/11C + TR8 - 92KW	60177473	60144586	60144596	92	125	177	5"	437	3972	o	●
SMC8 135/13C + TR8 - 110KW	60177474	60144587	60144597	110	150	213	5"	511	4516	o	●

When ordering, please specify the codes: pump, motor. The pump and the motor are supplied disassembled.

• allowed
o only version PE2 + PA
Δ contact our sales network

TECHNICAL DATA - SMC8 135 Hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA P2 NOMINAL REQUESTED kW	HP	Q=m³h	HYDRAULIC DATA 0	36	72	96	108	120	132	144	156	168	180	192	DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
				Q=l/min	0	600	1200	1600	1800	2000	2200	2400	2600	2800	3000	3200				
SMC8 135/2M	60177457	15	20		47,5	42	37,5	34,5	33	30,5	28	24,5	20,5	16	12	8,5	5"	43	729	6"
SMC8 135/2F	60177458	15	20		52	46	41	38,5	36,5	34,5	32	29	25	21	16,5	12	5"	43	729	6"
SMC8 135/2C	60177459	18,5	25		55	48,5	43,5	41	39	37	34,5	31	27	23	19	15,5	5"	43	729	6"
SMC8 135/3N	60177460	18,5	25		63,5	58,5	53,5	49	45,5	42	37	32	26	20	14		5"	55	886	6"
SMC8 135/3L	60177461	22	30		70	64	57,5	53	50,5	47	42,5	37,5	31,5	25	19	13,5	5"	55	886	6"
SMC8 135/3B	60177462	30	40		82,5	75	68,5	64	61	58	54,5	49,5	43	36	29,5	22	5"	55	886	6"
SMC8 135/4E	60177463	30	40		101	90	82	76,5	72,5	68,5	63	56,5	49,5	41,5	33	24	5"	67	1043	6"
SMC8 135/4C	60177464	37	50		106	95	88	82	78	73,5	68	61,5	54	45,5	36,5	26,5	5"	67	1043	6"
SMC8 135/5F	60177465	37	50		121,5	111	101,5	94	89	84	77,5	69	60	50	39,5	28	5"	79	1200	6"
SMC8 135/5E	60177466	45	60	H (mt)	128,5	118	108	100	95,5	90,5	84,5	77	68	58,5	47,5	35,5	5"	81	1200	8"
SMC8 135/6F	60177467	45	60		151	135,5	125	116	110,5	104	96,5	86,5	76	64	51,5	38	5"	93	1357	8"
SMC8 135/7G	60177468	55	75		176	159,5	147	137	130,5	123	114	102	89	75	60	44,5	5"	105	1514	8"
SMC8 135/7E	60177469	55	75		181	164	151,5	141,5	135,5	128	119	107	94	80	65	49,5	5"	105	1514	8"
SMC8 135/8G	60177470	63	85		201,5	182	168	156,5	149,5	140,5	130	117	102	85,5	68,5	51	5"	117	1671	8"
SMC8 135/9G	60177471	75	100		220	200,5	185	171,5	163	153,5	141,5	127	110,5	93	74	54	5"	129	1828	8"
SMC8 135/9C	60177472	75	100		238	219,5	201,5	187	178,5	169	158	143,5	128	110,5	91	69,5	5"	129	1828	8"
SMC8 135/11C	60177473	92	125		291	268,5	246,5	228,5	218	206,5	193	175,5	156,5	135	111	85	5"	154	2142	8"
SMC8 135/13C	60177474	110	150		343,5	317	291	270	258	244	228	207,5	185	159,5	131,5	100,5	5"	178	2456	8"

SMC10
10” SUBMERSIBLE PUMPS

NEWS


SMC10 6GF TR8 TR10

Multistage semiaxial submersible electric pumps for wells measuring 10” or above, able to generate a broad range of flow rates and heads.
They are used extensively for the lifting, distribution and pressurisation of industrial water systems, the supply of pressure vessels and tanks, firefighting systems and irrigation systems.
Application with clean, non-aggressive water free from solids or abrasive substances.

Construction features of the pump
Cast iron pump body treated with cataphoresis paint coating and dynamically balanced impellers in microcast AISI 304 stainless steel coupled on the shaft with pull tab. Shaft guided with coaxial bush bearings and fully protected with bushes.
Pump with check valve of low pressure loss.
Flanged delivery port and kit containing counter flange, bolts and gaskets.

Coupling with motors of 6” or 8” depending on the required hydraulic power and available in a standard version with cast iron supports treated with cataphoresis paint coating, and in a version entirely in AISI 316 stainless steel:
6GF/6GX: encapsulated 6” submersible motor
TR6: rewindable 6” submersible motor
TR8: rewindable 8” submersible motor
TR10: rewindable 10” submersible motor
Refer to the technical data sheets of the specific model for the electrical characteristics of the submersible motors and the specifications for operation with inverter.

Operating range: up to 400 m³/h with head up to 453 m.
Pumped liquid: clean, free of solids and abrasives, chemically neutral, with properties similar to water.
Start-ups/hour: see the coupled motor
Cooling flow: see the coupled motor
Maximum permitted amount of sand: 40 g/m³
Ambient temperature: 30 °C
Minimum recommended level on suction line: 2 m
Installation: horizontal or vertical

ACCESSORIES PAG. 321

TECHNICAL DATA - SMC10 200

MODEL	HYDRAULIC PART CODE	DIRECT STARTING	STAR / DELTA STARTING	ELECTRICAL DATA			DNM GAS	TOTAL WEIGHT KG	H mm	OPERATING BY INVERTER	HORIZ. INSTAL.
		MOTOR CODE	MOTOR CODE	P2 NOMINAL kW	P2 NOMINAL HP	In 400 V (A)					
SMC10 200/1M + 6GF - 11KW	60177475	0615000	0617500	11	15	25,5	6”	121	1417	●	●
SMC10 200/1L + 6GF - 13KW	60177476	60179200	60180703	15	20	33,4	6”	126	1472	●	●
SMC10 200/1H + 6GF - 15KW	60177477	0620000	0622500	15	20	33,4	6”	126	1472	●	●
SMC10 200/1G + 6GF - 18,5K	60177478	0625000	0627500	18,5	25	41	6”	134	1547	●	●
SMC10 200/1C + 6GF - 18,5K	60177479	0625000	0627500	18,5	25	41	6”	134	1547	●	●
SMC10 200/1A + 6GF - 22KW	60177480	0630000	0632400	22	30	47	6”	140	1607	●	●
SMC10 200/2M + 6GF - 22KW	60177481	0630000	0632400	22	30	47	6”	166	1767	●	●
SMC10 200/2L + 6GF - 30KW	60177482	0640000	0642500	30	40	61,5	6”	181	1897	●	●
SMC10 200/2H + 6GF - 30KW	60177483	0640000	0642500	30	40	61,5	6”	181	1897	●	●
SMC10 200/2G + 6GF - 37KW	60177484	0650000	0650005	37	50	79,3	6”	192	2047	●	●
SMC10 200/2E + 6GF - 37KW	60177485	0650000	0650005	37	50	79,3	6”	192	2047	●	●
SMC10 200/2B + TR8 + 45KW	60177486	60144582	60144592	45	60	92	6”	269	2137	O	●
SMC10 200/3H + TR8 + 45KW	60177487	60144582	60144592	45	60	92	6”	295	2317	O	●
SMC10 200/3G + TR8 - 55KW	60177488	60144583	60144593	55	75	109	6”	310	2397	O	●
SMC10 200/3E + TR8 - 55KW	60177489	60144583	60144593	55	75	109	6”	310	2397	O	●
SMC10 200/3B + TR8 + 63KW	60177490	60144584	60144594	63	85	126	6”	336	2537	O	●
SMC10 200/4G + TR8 - 75KW	60177491	60144585	60144595	75	100	145	6”	399	2817	O	●
SMC10 200/4D + TR8 - 75KW	60177492	60144585	60144595	75	100	145	6”	399	2817	O	●
SMC10 200/5I + TR8 - 75KW	60177493	60144585	60144595	75	100	145	6”	424	2997	O	●
SMC10 200/5F + TR8 - 75KW	60177494	60144585	60144595	92	125	177	6”	470	3413	O	●
SMC10 200/6I + TR8 - 92KW	60177495	60144586	60144596	92	125	177	6”	496	3585	O	●
SMC10 200/6F + TR8 - 110KW	60177496	60144587	60144597	110	150	213	6”	546	3731	O	●
SMC10 200/7H + TR8 - 110KW	60177497	60144587	60144597	110	150	213	6”	572	3911	O	●
SMC10 200/7E + TR10 - 132KW	60177498	60146795	60146816	132	180	257	6”	674	3721	O	●
SMC10 200/8D + TR10 - 147KW	60177499	60146796	60146817	147	200	300	6”	764	4101	O	●
SMC10 200/9D + TR10 - 170KW	60177500	60146843	60146850	170	230	348	6”	830	4431	O	●
SMC10 200/10E + TR10 - 190KW	60177501	60146844	60146851	190	260	405	6”	896	4791	O	●

When ordering, please specify the codes: pump, motor. The pump and the motor are supplied disassembled.

• allowed
O only version PE2 + PA
Δ contact our sales network

SMC10
10" SUBMERSIBLE PUMPS

TECHNICAL DATA - SMC10 200 Hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA P2 NOMINAL REQUESTED kW	HP	HYDRAULIC DATA Q=m³h	0	60	84	108	132	150	168	180	192	210	234	258	DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
				Q=l/min	0	1000	1400	1800	2200	2500	2800	3000	3200	3500	3900	4300				
SMC10 200/1M	60177475	11	15		32	25,5	24	22	20,5	19	17,5	16,5	15	12,5	9		6"	66	687	6"
SMC10 200/1L	60177476	15	20		35,5	29	27	25,5	24	22,5	21	19,5	18	15,5	11,5	6,5	6"	66	687	6"
SMC10 200/1H	60177477	15	20		40	33	30,5	29	27	25,5	24	23	21,5	19	16	12	6"	66	687	6"
SMC10 200/1G	60177478	18,5	25		41	34	32	30	28	26,5	25	24	22,5	20	17	13	6"	66	687	6"
SMC10 200/1C	60177479	18,5	25		45	37	34,5	32,5	30,5	29	27,5	26	24,5	22	18,5	14	6"	66	687	6"
SMC10 200/1A	60177480	22	30		48	39	36,5	34,5	32,5	31,5	29,5	28,5	27	24	19,5	14	6"	66	687	6"
SMC10 200/2M	60177481	22	30		64	51,5	48	44,5	41	38,5	35,5	33	30	25,5	17,5		6"	92	847	6"
SMC10 200/2L	60177482	30	40		70,5	58,5	55	52	48,5	46	43	40,5	37,5	32,5	24	14,5	6"	92	847	6"
SMC10 200/2H	60177483	30	40		79,5	66	62	58,5	55	52	48,5	46	43	38	30	20,5	6"	92	847	6"
SMC10 200/2G	60177484	37	50		84	70,5	66,5	62,5	59	56	52,5	50	47	41,5	34	25	6"	92	867	6"
SMC10 200/2E	60177485	37	50		90	77	72	68	64	61	58	56	53	48	40,5	31	6"	92	867	6"
SMC10 200/2B	60177486	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	8"
SMC10 200/3H	60177487	45	60		117	99	93,5	89	84	80	75,5	72	67,5	59,5	47,5	33	6"	118	1047	8"
SMC10 200/3G	60177488	55	75	H (mt)	130	110	104	98,5	93	88,5	84	80	75,5	67,5	56	42	6"	118	1047	8"
SMC10 200/3E	60177489	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	8"
SMC10 200/3B	60177490	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	8"
SMC10 200/4G	60177491	75	100		168,5	142,5	134,5	128	121	115	108,5	104	97,5	86,5	70,5	51	6"	162	1227	8"
SMC10 200/4D	60177492	75	100		183,5	156	148	141	133,5	128	121,5	117	110,5	100	84	65,5	6"	162	1227	8"
SMC10 200/5I	60177493	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	8"
SMC10 200/5F	60177494	92	125		224	192	180,5	171,5	163	157	150	144,5	137	124	104	80	6"	187	1583	8"
SMC10 200/6I	60177495	92	125		241	204,5	193,5	184,5	174,5	166,5	156,5	149,5	140	124	99	69	6"	213	1755	8"
SMC10 200/6F	60177496	110	150		269	230	216,5	205,5	195,5	188,5	180	173	164	149	124,5	96	6"	213	1671	8"
SMC10 200/7H	60177497	110	150		283	241,5	227,5	216,5	205,5	197	186,5	178,5	167	147,5	118	83	6"	239	1851	8"
SMC10 200/7E	60177498	132	180		319	271	256,5	244	231,5	222	211	203	192,5	174	148	116,5	6"	239	1851	10"
SMC10 200/8D	60177499	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	10"
SMC10 200/9D	60177500	170	230		412	353,5	332,5	316	300,5	288,5	275,5	266	252,5	229	194	152,5	6"	290	2211	10"
SMC10 200/10E	60177501	190	260		453	388	365	347	330	317	302	291,5	276,5	250	211	165	6"	316	2391	10"

SMC10
10" SUBMERSIBLE PUMPS

TECHNICAL DATA - SMC10 320

MODEL	HYDRAULIC PART CODE	DIRECT STARTING	STAR / DELTA STARTING	ELECTRICAL DATA			DNM GAS	TOTAL WEIGHT KG	H mm	OPERATING BY INVERTER	HORIZ. INSTAL.
		MOTOR CODE	MOTOR CODE	P2 NOMINAL		In 400 V (A)					
				kW	HP						
SMC10 320/1O + 6GF - 22KW	60177502	0630000	0632400	22	30	47	6"	139	1623	●	●
SMC10 320/1M + 6GF - 30KW	60177503	0640000	0642500	30	40	61,5	6"	154	1753	●	●
SMC10 320/1F + 6GF - 30KW	60177504	0640000	0642500	30	40	61,5	6"	154	1753	●	●
SMC10 320/1D + 6GF - 37KW	60177505	0650000	0650005	37	50	79,3	6"	165	1883	●	●
SMC10 320/1B + 6GF - 37KW	60177506	0650000	0650005	37	50	79,3	6"	166	1883	●	●
SMC10 320/2P + TR8 - 45KW	60177507	60144582	60144592	45	60	92	6"	268	2168	O	●
SMC10 320/2N + TR8 - 45KW	60177508	60144582	60144592	45	60	92	6"	268	2168	O	●
SMC10 320/2M + TR8 - 55KW	60177509	60144583	60144593	55	75	109	6"	283	2248	O	●
SMC10 320/2H + TR8 - 55KW	60177510	60144583	60144593	55	75	109	6"	283	2248	O	●
SMC10 320/2D + TR8 - 63KW	60177511	60144584	60144594	63	85	126	6"	309	2388	O	●
SMC10 320/3I + TR8 - 75KW	60177512	60144585	60144595	75	100	145	6"	353	2767	O	●
SMC10 320/3C + TR8 - 92KW	60177513	60144586	60144596	92	125	177	6"	399	3007	O	●
SMC10 320/4G + TR8 - 110KW	60177514	60144587	60144597	110	150	213	6"	493	3432	O	●
SMC10 320/4B + TR10 - 132KW	60177515	60146795	60146816	132	180	257	6"	595	3242	O	●
SMC10 320/5L + TR10 - 132KW	60177516	60146795	60146816	132	180	257	6"	621	3438	O	●
SMC10 320/5E + TR10 - 147KW	60177517	60146796	60146817	150	200	300	6"	686	3638	O	●
SMC10 320/6G + TR10 - 170KW	60177518	60146843	60146850	170	230	348	6"	751	3983	O	●
SMC10 320/7L + TR10 - 190KW	60177519	60146844	60146851	190	260	405	6"	817	4359	O	●

When ordering, please specify the codes: pump, motor. The pump and the motor are supplied disassembled.

• allowed
O only version PE2 + PA
Δ contact our sales network

TECHNICAL DATA - SMC10 320 Hydraulic part

MODEL	HYDRAULIC PART CODE	ELECTRICAL DATA		HYDRAULIC DATA													DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		P2 NOMINAL REQUESTED		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				
SMC10 320/1O	60177502	22	30		34	27,5	26,5	25,5	24,5	23,5	22	20	16,5	12,5			6"	64,5	703	6"
SMC10 320/1M	60177503	30	40		36	29,5	28,5	27,5	27	26	25	22,5	19,5	16	12,5		6"	64,5	703	6"
SMC10 320/1F	60177504	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"
SMC10 320/1D	60177505	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"
SMC10 320/1B	60177506	37	50		46	37	35	34,5	33,5	33	32,5	31	28,5	25	21	16,5	6"	65,5	703	6"
SMC10 320/2P	60177507	45	60		62	52	50,5	49	47	44	40,5	35,5	29	22			6"	91	898	8"
SMC10 320/2N	60177508	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"
SMC10 320/2M	60177509	55	75		71	61	59	57,5	55,5	53,5	50,5	46,5	41	34	27	19,5	6"	91	898	8"
SMC10 320/2H	60177510	55	75		72	64	61,5	60	58,5	56,5	54	50,5	45,5	38,5	31	21	6"	91	898	8"
SMC10 320/2D	60177511	63	85	H (mt)	77	67	65	63,5	62	60,5	58	54,5	49,5	43	35,5	27	6"	91	898	8"
SMC10 320/3I	60177512	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"
SMC10 320/3C	60177513	92	125		117,5	104,5	102	99	96	94	91	86	79,5	70	57	41	6"	116	1177	8"
SMC10 320/4G	60177514	110	150		150	134,5	130	126,5	123	119	113,5	106,5	96,5	84,5	71	56	6"	160	1372	8"
SMC10 320/4B	60177515	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"
SMC10 320/5L	60177516	132	180		181	162	157	152,5	148	142,5	136	127	114,5	99	81,5	63	6"	185,5	1568	10"
SMC10 320/5E	60177517	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"
SMC10 320/6G	60177518	170	230		225	201,5	195,5	190	184,5	178	170	160	145	127	106	83,5	6"	211	1763	10"
SMC10 320/7L	60177519	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"

SMC12
12" SUBMERSIBLE PUMPS

NEWS


SMC12 TR8 TR10 TR12

Multistage semiaxial submersible electric pumps for wells measuring 12" or above, able to generate a broad range of flow rates and heads.
They are used extensively for the lifting, distribution and pressurisation of industrial water systems, the supply of pressure vessels and tanks, firefighting systems and irrigation systems.
Application with clean, non-aggressive water free from solids or abrasive substances.

Construction features of the pump
Cast iron pump body treated with cataphoresis paint coating and dynamically balanced impellers in microcast AISI 304 stainless steel coupled on the shaft with pull tab. Shaft guided with coaxial bush bearings and fully protected with bushes.
Pump with check valve of low pressure loss.
Flanged delivery port and kit containing counter flange, bolts and gaskets.

Coupling with motors of 6" or 8" depending on the required hydraulic power and available in a standard version with cast iron supports treated with cataphoresis paint coating, and in a version entirely in AISI 316 stainless steel:
6GF/6GX: encapsulated 6" submersible motor
TR6: rewindable 6" submersible motor
TR8: rewindable 8" submersible motor
TR10: rewindable 10" submersible motor
TR12: rewindable 12" submersible motor
Refer to the technical data sheets of the specific model for the electrical characteristics of the submersible motors and the specifications for operation with inverter.

Operating range: up to 540 m³/h with head up to 320 m.
Pumped liquid: clean, free of solids and abrasives, chemically neutral, with properties similar to water.
Start-ups/hour: see the coupled motor
Cooling flow: see the coupled motor
Maximum permitted amount of sand: 40 g/m³
Ambient temperature: 30 °C
Minimum recommended level on suction line: 2.5 m
Installation: horizontal or vertical

ACCESSORIES PAG. 321

TECHNICAL DATA - SMC12 360

MODEL	HYDRAULIC PART CODE	DIRECT STARTING	STAR / DELTA STARTING
		MOTOR CODE	MOTOR CODE
SMC12 360/1A + TR8 - 45KW	60177520	60144582	60144592
SMC12 360/1B + TR8 - 55KW	60177521	60144583	60144593
SMC12 360/1C + TR8 - 75KW	60177522	60144585	60144595
SMC12 360/2A + TR8 - 75KW	60177523	60144585	60144595
SMC12 360/2B + TR8 - 92KW	60177524	60144586	60144596
SMC12 360/2C + TR8 - 110KW	60177525	60144587	60144597
SMC12 360/3A + TR10 - 132KW	60177526	60146795	60146816
SMC12 360/3B + TR10 - 147KW	60177527	60146796	60146817
SMC12 360/4A + TR10 - 190KW	60177528	60146844	60146851
SMC12 360/5A + TR12 - 220KW	60177529	60146900	60146907
SMC12 360/5B + TR12 - 250KW	60177530	60146901	60146908

ELECTRICAL DATA			DNM GAS	TOTAL WEIGHT KG	H mm	OPERATING BY INVERTER	HORIZ. INSTAL.
P2 NOMINAL		In 400 V (A)					
kW	HP						
45	60	92	7"	313	2169	o	●
55	75	109	7"	328	2249	o	●
75	100	145	7"	373	2489	o	●
75	100	145	7"	411	2689	o	●
92	125	177	7"	457	2929	o	●
110	150	213	7"	511	3184	o	●
132	180	257	7"	652	3194	o	●
150	200	300	7"	717	3394	o	●
190	260	405	7"	835	3924	o	●
220	300	424	7"	994	3834	o	Δ
250	340	481	7"	1069	4004	o	Δ

When ordering, please specify the codes: pump, motor. The pump and the motor are supplied disassembled.

• allowed
o only version PE2 + PA
Δ contact our sales network

TECHNICAL DATA - SMC12 360 Hydraulic part

MODEL	HYDRAULIC PART CODE
SMC12 360/1A	60177520
SMC12 360/1B	60177521
SMC12 360/1C	60177522
SMC12 360/2A	60177523
SMC12 360/2B	60177524
SMC12 360/2C	60177525
SMC12 360/3A	60177526
SMC12 360/3B	60177527
SMC12 360/4A	60177528
SMC12 360/5A	60177529
SMC12 360/5B	60177530

ELECTRICAL DATA		HYDRAULIC DATA															DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
P2 NOMINAL REQUESTED		Q=m³h	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					
45	60	H (mt)	55,5	46	44,5	43	41,5	40,5	39,5	38	36,5	33,5	29,5	25	20	7"	136	899	8"
55	75		63	51	49,5	48	46,5	46	45	44	42,5	39	35,5	31	26	7"	136	899	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	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	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	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	8"
132	180		168,5	139	134	129,5	125	122	119,5	116,5	112	101,5	86,5	65		7"	217	1324	10"
150	200		185	153,5	149	144	139,5	137	134	131	127	117,5	104,5	87	61,5	7"	217	1324	10"
190	260		224,5	193	188	182,5	176	171,5	167	162	155,5	140	122,5	102		7"	255	1524	10"
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	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	12"

SMC12
12" SUBMERSIBLE PUMPS

TECHNICAL DATA - SMC12 420

MODEL	HYDRAULIC PART CODE	DIRECT STARTING MOTOR CODE	STAR / DELTA STARTING MOTOR CODE
SMC12 420/1A + TR8 - 45KW	60177531	60144582	60144592
SMC12 420/1B + TR8 - 55KW	60177532	60144583	60144593
SMC12 420/2A + TR8 - 92KW	60177533	60144586	60144596
SMC12 420/2B + TR8 - 110KW	60177534	60144587	60144597
SMC12 420/3A + TR10 - 132KW	60177535	60146795	60146816
SMC12 420/3B + TR10 - 147KW	60177536	60146796	60146817
SMC12 420/4A + TR10 - 190KW	60177537	60146844	60146851
SMC12 420/4B + TR12 - 220KW	60177538	60146900	60146907
SMC12 420/5A + TR12 - 250KW	60177539	60146901	60146908

ELECTRICAL DATA P2 NOMINAL kW	P2 NOMINAL HP	In 400 V (A)	DNM GAS	TOTAL WEIGHT KG	H mm	OPERATING BY INVERTER	HORIZ. INSTAL.
45	60	92	7"	311	2169	O	●
55	75	109	7"	326	2249	O	●
92	125	177	7"	453	2929	O	●
110	150	213	7"	507	3184	O	●
132	180	257	7"	646	3194	O	●
150	200	300	7"	711	3394	O	●
190	260	405	7"	827	3924	O	●
220	300	424	7"	947	3634	O	Δ
250	340	481	7"	1059	4004	O	Δ

When ordering, please specify the codes: pump, motor. The pump and the motor are supplied disassembled.

• allowed
O only version PE2 + PA
Δ contact our sales network

TECHNICAL DATA - SMC12 420 Hydraulic part

MODEL	HYDRAULIC PART CODE
SMC12 420/1A	60177531
SMC12 420/1B	60177532
SMC12 420/2A	60177533
SMC12 420/2B	60177534
SMC12 420/3A	60177535
SMC12 420/3B	60177536
SMC12 420/4A	60177537
SMC12 420/4B	60177538
SMC12 420/5A	60177539

ELECTRICAL DATA P2 NOMINAL REQUESTED kW	HP	HYDRAULIC DATA Q=m³h	0	210	240	270	300	330	360	390	420	450	480	510	540	DNM GAS	WEIGHT KG	H mm	MOTOR COUPLING
		Q=l/min	0	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000				
45	60	H (mt)	52	39,5	38	36,5	35	34	32,5	30,5	28,5	26	22,5	19	14	7"	134	899	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	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	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	8"
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	10"
150	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	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	10"
220	300		221	173,5	169	165	161	156,5	152	147	139,5	131	121,5	110,5	96	7"	247	1524	12"
250	340		260,5	204	198	192,5	187	182	176,5	170,5	162	152	139	121,5	100	7"	284	1724	12"

6GF / 6GX
6" SUBMERSIBLE MOTORS

Submersible asynchronous 6" two-pole motor made of AISI 304 stainless steel and cast iron with electrophoresic surface treatment for parts in contact with water.
Cooling and lubrication of the thrust bearing assembly and the bushings is provided by a mixture of water and glycol.
Rotor mounted on Kingsbury self-centring thrust block to withstand significant axial loads.
Stainless steel canned stator, filled with thermosetting resin with high insulation property and better thermal dissipation capability.
The cable connector can be removed to guarantee rapid and easy maintenance operations. ACS, WRAS and KTW certified cable.
Motor suitable for use with variable frequency drive (30Hz-50Hz). Available in three-phase version with DOL or STAR-DELTA starting; motor protection must be assured by the user.
Version 6GX is available on request, in AISI 316 throughout and with mechanical seal in silicon carbide. The motor can be supplied with a PT100 temperature sensor.

TECHNICAL DATA - 6GF / 6GX Direct Starting

MODEL	STANDARD CODE	MODEL	AISI 316 CODE
6GF - 4 KW	0605500	6GX - 4 KW	60141626
6GF - 5,5 KW	0607500	6GX - 5,5 KW	60141627
6GF - 7,5 KW	0610000	6GX - 7,5 KW	60121376
6GF - 9,2 KW	0612500	6GX - 9,2 KW	60141628
6GF - 11 KW	0615000	6GX - 11 KW	60131136
6GF - 13 KW	60179200	6GF - 13 KW	60180702
6GF - 15 KW	0620000	6GX - 15 KW	60141629
6GF - 18,5 KW	0625000	6GX - 18,5 KW	60141630
6GF - 22 KW	0630000	6GX - 22 KW	60141631
6GF - 30 KW	0640000	6GX - 30 KW	60141632
6GF - 37 KW	0650000	6GX - 37 KW	60141633
6GF - 45 KW	0660000	6GX - 45 KW	60174647

P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	P1 (W)	N (min^{-1})	Cos φ	η %	CABLE Ø mm^2	CABLE LC (m)
5,5	4	3 x 400 V~	10,6	4,1	5290	2845	0,75	76	4x4	4
7,5	5,5	3 x 400 V~	14	4,6	7270	2845	0,75	76	4x4	4
10	7,5	3 x 400 V~	18	4,1	9550	2840	0,78	78	4x4	4
12,5	9,2	3 x 400 V~	22	3,9	11460	2840	0,8	80	4x4	4
15	11	3 x 400 V~	25,5	4,4	13860	2840	0,82	79	4x4	4
17,5	13	3 x 400 V~	29	4,6	16100	2840	0,8	81	4x4	4
20	15	3 x 400 V~	33,4	4,8	17960	2840	0,8	83	4x4	4
25	18,5	3 x 400 V~	41	5,2	22300	2845	0,8	83	4x4	4
30	22	3 x 400 V~	47	5,1	26500	2825	0,84	83	4x4	4
40	30	3 x 400 V~	61,5	4,6	35130	2830	0,85	85	4x8	4
50	37	3 x 400 V~	79,3	3,7	44200	2830	0,84	82	4x8	4
60	45	3 x 400 V~	95	5,5	55000	2840	0,83	82	4x8	4

Cable included

Available on request Voltage 3 x 230 V version up to 22 kW.

TECHNICAL DATA - 6GF / 6GX Star/Delta Starting

MODEL	STANDARD CODE	MODEL	AISI 316 CODE
6GF - 4 KW	0605620	6GX - 4 KW	60141634
6GF - 5,5 KW	0607510	6GX - 5,5 KW	60141635
6GF - 7,5 KW	0611750	6GX - 7,5 KW	60141636
6GF - 9,2 KW	0614000	6GX - 9,2 KW	60141637
6GF - 11 KW	0617500	6GX - 11 KW	60141638
6GX - 13 KW	60180703	6GX - 13 KW	60180704
6GF - 15 KW	0622500	6GX - 15 KW	60141639
6GF - 18,5 KW	0627500	6GX - 18,5 KW	60141640
6GF - 22 KW	0632400	6GX - 22 KW	60133153
6GF - 30 KW	0642500	6GX - 30 KW	60141641
6GF - 37 KW	0650005	6GX - 37 KW	60141642
6GF - 45 KW	60174646	6GX - 45 KW	60174648

P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	P1 (W)	N (min^{-1})	Cos φ	η %	CABLE Ø mm^2	CABLE LC (m)
5,5	4	3 x 400 V~	10,6	4,1	5290	2845	0,75	76	4x4	4
7,5	5,5	3 x 400 V~	14	4,6	7270	2845	0,75	76	4x4	4
10	7,5	3 x 400 V~	18	4,1	9550	2840	0,78	78	4x4	4
12,5	9,2	3 x 400 V~	22	3,9	11460	2840	0,8	80	4x4	4
15	11	3 x 400 V~	25,5	4,4	13860	2840	0,82	79	4x4	4
17,5	13	3 x 400 V~	29	4,6	16100	2840	0,8	81	4x4	4
20	15	3 x 400 V~	33,4	4,8	17960	2840	0,8	83	4x4	4
25	18,5	3 x 400 V~	41	5,2	22300	2845	0,8	83	4x4	4
30	22	3 x 400 V~	47	5,1	26500	2825	0,84	83	4x4	4
40	30	3 x 400 V~	61,5	4,6	35130	2830	0,85	85	4x8	4
50	37	3 x 400 V~	79,3	3,7	44200	2830	0,84	82	4x8	4
60	45	3 x 400 V~	95	5,5	55000	2840	0,83	82	4x8	4

2 cables included

Available on request Voltage 3 x 230 V version up to 22 kW.

TR6

6" SUBMERSIBLE MOTORS

6"Asynchronous two-poles submersible motor, **rewindable type**, made in AISI 304 stainless steel and cast iron with paint coating (standard version). Cooling and lubrication of the thrust bearing assembly and carbon bushes is provided by a mixture of water and glycol.
Squirrel-cage rotor mounted on Mitchell self-centring thrust bearing. The motor is available also in full stainless steel AISI 316 version and on demand AISI 904 version. Mechanical seal in ceramic/ carbon for the standard version, in silicon/carbide for the AISI 316 stainless steel version.
On request it's available also a version suitable for use with variable frequency drive (30 Hz –60 Hz).
The motor is equipped with 5 meters three-core flat cable directly connected with the windings and a ground cable, and it's available with DOL or STAR-DELTA starting type.
The cable is certified ACS and WRAS. Overload protection must be provided by user. On request PT100 and PTC temperature sensors are available.

Standard version with PVC windings.
AVAILABLE ON REQUEST A PE2 + PA WINDING VERSION FOR INVERTER APPLICATION.

TECHNICAL DATA - Direct Starting

MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	N (min⁻¹)	CABLE	
	PVC	PE2 + PA	PVC	PE2 + PA							Ø mm²	LC (m)
	CODE	CODE	CODE	CODE								
TR607	60144263	60146662	60146624	60146684	7,5	5,5	3x400 V~	13,7	3,5	2870	4x6	5
TR610	60144264	60146663	60146625	60146685	10	7,5	3x400 V~	18,2	3,6	2860	4x6	5
TR612	60144265	60146664	60146626	60146686	12,5	9,2	3x400 V~	21,7	3,5	2850	4x6	5
TR615	60144266	60146665	60146627	60146687	15	11	3x400 V~	26,2	3,7	2860	4x6	5
TR617	60144267	60146667	60146628	60146688	17,5	13	3x400 V~	30,5	3,8	2850	4x6	5
TR620	60144268	60146668	60146629	60146689	20	15	3x400 V~	34,8	4,2	2860	4x6	5
TR625	60144269	60146669	60146630	60146690	25	18,5	3x400 V~	41,4	4,5	2860	4x6	5
TR630	60144270	60146670	60146631	60146691	30	22	3x400 V~	49,0	5,5	2880	4x6	5
TR635	60144271	60146671	60146632	60146692	35	26	3x400 V~	58,1	5,7	2880	4x6	5
TR640	60144272	60146672	60146633	60146693	40	30	3x400 V~	64,9	5,0	2870	4x10	5
TR650	60144273	60146673	60146634	60146694	50	37	3x400 V~	80,5	5,1	2860	4x10	5
TR660	-	60161601	-	60164305	60	45	3x400 V~	93,1	5,1	2825	4x10	5

Cable included

TECHNICAL DATA - Star/Delta Starting

MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	N (min⁻¹)	CABLE	
	PVC	PE2 + PA	PVC	PE2 + PA							Ø mm²	LC (m)
	CODE	CODE	CODE	CODE								
TR615	60144277	-	60146635	-	15	11	3x400 V~	26,2	3,7	2860	4x6	5
TR617	60144278	60146676	60146636	60146696	17,5	13	3x400 V~	30,5	3,8	2850	4x6	5
TR620	60144279	60146677	60146637	60146697	20	15	3x400 V~	34,8	4,2	2860	4x6	5
TR625	60144280	60146678	60146638	60146698	25	18,5	3x400 V~	41,4	4,5	2860	4x6	5
TR630	60144281	60146679	60146639	60146699	30	22	3x400 V~	49,0	5,5	2880	4x6	5
TR635	60144282	60146681	60146640	60146700	35	26	3x400 V~	58,1	5,7	2880	4x6	5
TR640	60144283	60146682	60146641	60146701	40	30	3x400 V~	64,9	5,0	2870	4x6	5
TR650	60144284	60146683	60146642	60146702	50	37	3x400 V~	80,5	5,1	2860	4x6	5
TR660	-	60164307	-	60164306	60	45	3x400 V~	93,1	5,1	2825	4x6	5

2 cables included

TR8
8" SUBMERSIBLE MOTORS

8" Asynchronous two-poles or four-poles submersible motor, **rewindable type**, with external shell made in AISI 316 stainless steel and supports in cast iron with paint coating (standard version). Cooling and lubrication of the thrust bearing assembly and carbon bushes is provided by a mixture of water and glycol. Squirrel-cage rotor mounted on Mitchell self-centring thrust bearing. The motor is available also in full stainless steel AISI 316 version and on demand AISI 904 version. Mechanical seal in silicon/carbide.
On request it's available also a version suitable for use with variable frequency drive.
The motor is equipped with 5 meters three-core flat cable directly connected with the windings and it's available with DOL or STAR-DELTA starting type. The cable is certifi ed ACS and WRAS. Overload protection must be provided by user.
On request PT100 and PTC temperature sensors.

Standard version with PVC windings.
AVAILABLE ON REQUEST A PE2 + PA WINDING VERSION FOR INVERTER APPLICATION.

TECHNICAL DATA - Direct Starting

MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	N (min⁻¹)	CABLE	
	PVC	PE2 + PA	PVC	PE2 + PA							Ø mm²	LC (m)
	CODE	CODE	CODE	CODE								
TR840 30KW	60144580	60144600	60146726	60146759	40	30	3 x 400 V ~	61	5,7	2890	4x16	5
TR850 37KW	60144581	60144601	60146727	60146760	50	37	3 x 400 V ~	75	5,7	2890	4x16	5
TR860 45KW	60144582	60144602	60146728	60146761	60	45	3 x 400 V ~	92	6,0	2910	4x16	5
TR875 55KW	60144583	60144603	60146729	60146762	75	55	3 x 400 V ~	109	5,9	2900	4x16	5
TR885 63KW	60144584	60144604	60146730	60146763	85	63	3 x 400 V ~	126	5,7	2910	4x16	5
TR8100 75KW	60144585	60144605	60146731	60146764	100	75	3 x 400 V ~	145	5,8	2910	4x16	5
TR8125 92KW	60144586	60144606	60146732	60146765	125	92	3 x 400 V ~	177	5,9	2890	4x25	5
TR8150 110KW	60144587	60144607	60146733	60146767	150	110	3 x 400 V ~	213	5,8	2890	4x25	5

Cable included

TECHNICAL DATA - Star/Delta Starting

MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	N (min⁻¹)	CABLE	
	PVC	PE2 + PA	PVC	PE2 + PA							Ø mm²	LC (m)
	CODE	CODE	CODE	CODE								
TR840 30KW	60144590	60144610	60146734	60146768	40	30	3 x 400 V ~	61	5,7	2890	4x10	5
TR850 37KW	60144591	60144611	60146735	60146769	50	37	3 x 400 V ~	75	5,7	2890	4x10	5
TR860 45KW	60144592	60144612	60146736	60146770	60	45	3 x 400 V ~	92	6,0	2910	4x10	5
TR875 55KW	60144593	60144613	60146737	60146771	75	55	3 x 400 V ~	109	5,9	2900	4x16	5
TR885 63KW	60144594	60144614	60146738	60146772	85	63	3 x 400 V ~	126	5,7	2910	4x16	5
TR8100 75KW	60144595	60144615	60146739	60146773	100	75	3 x 400 V ~	145	5,8	2910	4x16	5
TR8125 92KW	60144596	60144616	60146740	60146774	125	92	3 x 400 V ~	177	5,9	2890	4x16	5
TR8150 110KW	60144597	60144617	60146741	60146775	150	110	3 x 400 V ~	213	5,8	2890	4x16	5

2 cables included

TR10
10” SUBMERSIBLE MOTORS

10” Asynchronous two-poles or four-poles submersible motor, **rewindable type,** with external shell made in AISI 316 stainless steel and supports in cast iron with paint coating (standard version). Cooling and lubrication of the thrust bearing assembly and carbon bushes is provided by a mixture of water and glycol. Squirrel-cage rotor mounted on Mitchell self-centring thrust bearing. The motor is available also in full stainless steel AISI 316 version and on demand AISI 904 version. Mechanical seal in silicon/carbide.
On request it’s available also a version suitable for use with variable frequency drive.

The motor is equipped with 8 meters single-core flat cables directly connected with the windings and it’s available with DOL or STAR-DELTA starting type. The cables are certifi ed ACS and WRAS. Overload protection must be provided by user. On request PT100 and PTC temperature sensors are available.

Standard version with PVC windings (except TR10 230 and TR10 260 standard, version PE2 +PA)
AVAILABLE ON REQUEST A PE2 + PA WINDING VERSION FOR INVERTER APPLICATION.

TECHNICAL DATA - Direct Starting

MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	N (min^{-1})	CABLE	
	PVC	PE2 + PA	PVC	PE2 + PA							Ø mm^2	LC (m)
	CODE	CODE	CODE	CODE								
TR10100 75KW	60146792	60146838	60146818	60146852	100	75	3 x 400 V ~	148	5,4	2910	4x50	8
TR10125 92KW	60146793	60146839	60146819	60146853	125	92	3 x 400 V ~	185	5,6	2910	4x50	8
TR10150 110KW	60146794	60146840	60146820	60146854	150	110	3 x 400 V ~	217	5,7	2910	4x50	8
TR10180 132KW	60146795	60146841	60146821	60146855	180	132	3 x 400 V ~	257	5,7	2910	4x50	8
TR10200 147KW	60146796	60146842	60146822	60146856	200	147	3 x 400 V ~	300	6,2	2920	4x50	8
TR10230 170KW	-	60146843	-	60146857	230	170	3 x 400 V ~	348	6,0	2920	4x50	8
TR10260 190KW	-	60146844	-	60146858	260	190	3 x 400 V ~	405	5,9	2930	4x50	8

Cable included

TECHNICAL DATA - Star/Delta Starting

MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	N (min^{-1})	CABLE	
	PVC	PE2 + PA	PVC	PE2 + PA							Ø mm^2	LC (m)
	CODE	CODE	CODE	CODE								
TR10100 75KW	60146797	60146845	60146823	60146859	100	75	3 x 400 V ~	148	5,4	2910	4x35	8
TR10125 92KW	60146798	60146846	60146824	60146860	125	92	3 x 400 V ~	185	5,6	2910	4x35	8
TR10150 110KW	60146815	60146847	60146825	60146861	150	110	3 x 400 V ~	217	5,7	2910	4x35	8
TR10180 132KW	60146816	60146848	60146826	60146862	180	132	3 x 400 V ~	257	5,7	2910	4x35	8
TR10200 147KW	60146817	60146849	60146827	60146863	200	147	3 x 400 V ~	300	6,2	2920	4x35	8
TR10230 170KW	-	60146850	-	60146864	230	170	3 x 400 V ~	348	6,0	2920	4x35	8
TR10260 190KW	-	60146851	-	60146865	260	190	3 x 400 V ~	405	5,9	2930	4x35	8

2 cables included

TR12
12” SUBMERSIBLE MOTORS

tesla submersible motors

12” Asynchronous two-poles or four-poles submersible motor, **rewindable type**, with external shell made in AISI 316 stainless steel and supports in cast iron with paint coating (standard version). Cooling and lubrication of the thrust bearing assembly and carbon bushes is provided by a mixture of water and glycol. Squirrel-cage rotor mounted on Mitchell self-centring thrust bearing. The motor is available also in full stainless steel AISI 316 version. Mechanical seal in silicon/carbide.
On request it’s available also a version suitable for use with variable frequency drive.
The motor is equipped with 8 meters single-core flat cables directly connected with the windings and it’s available with DOL or STAR-DELTA starting type.
The cables are certifi ed ACS and WRAS. Overload protection must be provided by user.
On request PT100 and PTC temperature sensors are available.

Standard version with PVC windings (except TR12300 and TR12340 standard, version PE2 +PA).
AVAILABLE ON REQUEST A PE2 + PA WINDING VERSION FOR INVERTER APPLICATION.

TECHNICAL DATA - Direct Starting

MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	N (min^{-1})	CABLE	
	PVC	PE2 + PA	PVC	PE2 + PA							Ø mm^2	LC (m)
	CODE	CODE	CODE	CODE								
TR12180 132KW	60146880	60146896	60146888	60146910	180	132	3x400 V~	266	5.0	2930	4x70	8
TR12200 147KW	60146881	60146897	60146889	60146911	200	147	3x400 V~	290	6,2	2930	4x70	8
TR12230 170KW	60146882	60146898	60146890	60146912	230	170	3x400 V~	329	6,1	2920	4x70	8
TR12260 190KW	60146883	60146899	60146891	60146913	260	190	3x400 V~	371	6,2	2930	4x70	8
TR12300 220KW	-	60146900	-	60146914	300	220	3x400 V~	424	6,1	2920	4x70	8
TR12340 250KW	-	60146901	-	60146915	340	250	3x400 V~	481	5,9	2920	4x70	8

Cable included

TECHNICAL DATA - Star/Delta Starting

MODEL	STANDARD		AISI 316		P2 (HP)	P2 kW	VOLTAGE 50 Hz	IN (A)	Is/In	N (min^{-1})	CABLE	
	PVC	PE2 + PA	PVC	PE2 + PA							Ø mm^2	LC (m)
	CODE	CODE	CODE	CODE								
TR12180 132KW	60146884	60146903	60146892	60146917	180	132	3x400 V~	266	5.0	2930	4x70	8
TR12200 147KW	60146885	60146904	60146893	60146918	200	147	3x400 V~	290	6,2	2930	4x70	8
TR12230 170KW	60146886	60146905	60146894	60146919	230	170	3x400 V~	329	6,1	2920	4x70	8
TR12260 190KW	60146887	60146906	60146895	60146920	260	190	3x400 V~	371	6,2	2930	4x70	8
TR12300 220KW	-	60146907	-	60146921	300	220	3x400 V~	424	6,1	2920	4x70	8
TR12340 250KW	-	60146908	-	60146922	340	250	3x400 V~	481	5,9	2920	4x70	8

2 cables included

ACCESSORIES SUBMERSIBLE PUMPS

SUBMERSIBLE MOTORS

For a correct junction, use a cable with a section greater or equal to the motor cable section.
Size properly the section of the cable that has to be spliced, accordingly to the required length of the cable.

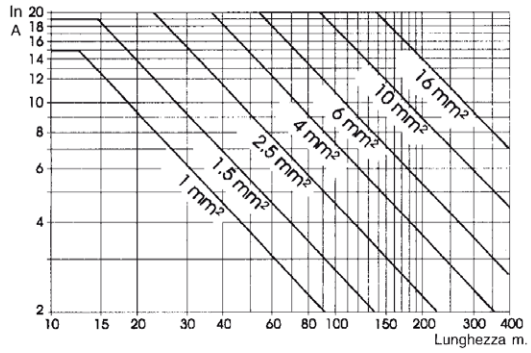
SHIELDED CABLE	DESCRIPTION	CODE	MICRA	MICRA HS	S4	SS + 6GF	SMC + 6GF
	SHIELDED CABLE, FOUR-CORE, PER METER 4 X 1,5 mm²	60149594	•	•	•		
	SHIELDED CABLE, FOUR-CORE, PER METER 4 X 2,5 mm²	60149595	•	•	•		
	SHIELDED CABLE, FOUR-CORE, PER METER 4 X 4 mm²	60149596	•	•	•	•	•
We recommended the use of shielded cables with INVERTER application.							

FOUR-CORE CABLE	DESCRIPTION	CODE	MICRA	MICRA HS	S4	SS + 6GF	SMC + 6GF
	FOUR-CORE CABLE H07 RN-F , PER METER 4x1.5 mm2	002730041	•	•	•	•	
	FOUR-CORE CABLE H07 RN-F , PER METER 4x2.5 mm2	002730051	•	•	•	•	
	FOUR-CORE CABLE H07 RN-F , PER METER 4x4 mm2	002730061	•	•	•	•	•
	FOUR-CORE CABLE H07 RN-F , PER METER 4x6 mm2	002730080	•	•	•	•	•
	FOUR-CORE CABLE H07 RN-F , PER METER 4x10 mm2	002730085	•	•	•	•	•
	FOUR-CORE CABLE H07 RN-F , PER METER 4x16 mm2	002730090	•	•	•	•	•
	FOUR-CORE CABLE H07 RN-F , PER METER 4x25 mm2	002730096	•	•	•	•	•

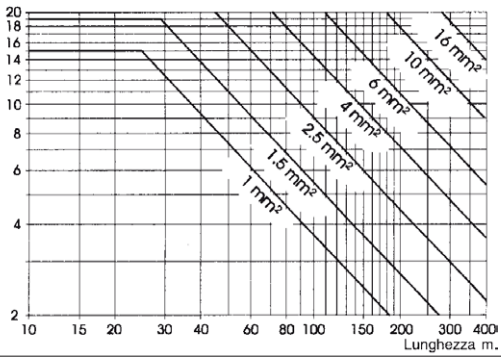
PROBE	DESCRIPTION	CODE	MICRA	MICRA HS	S4	SS + 6GF	SMC + 6GF
	**COMPLETE - ELECTRODE PROBE** Used in the protection and CONTROL SYSTEM ES. Ideal for conductible liquids with maximum temperatures of +40°C. To be connected with a 1.5 mm² cable - 550V insulation. Sensitivity: ≤ 53 kOhm.	002775000			•	•	•
	CABLE FOR ELECTRIC PROBE, PER METER 1x1.5 mm2	002730038			•	•	•
ACCESSORIES connectable only to ES panels							

JUNCTION KIT	DESCRIPTION	CODE	MICRA	MICRA HS	S4	SS + 6GF	SMC + 6GF
	CABLE JUNCTION KIT (for cable 1,0 mm2)	60141658	•	•			
	CABLE JUNCTION KIT (for cable 1,5-2,5-4-6 mm2)	547120020			•	•	•
	CABLE JNCTION KIT (for cable 10-16-25 mm2)	547120030			•	•	•
	CABLE CONNECTION TO THE MOTOR-DRIVEN PUMP	AAGCA		•	•	•	•

TABLES TO ESTABLISH POWER CABLE CROSS SECTION IN RELATION TO LENGHT



SINGLE-PHASE



THREE-PHASE

KIT EXTENDED LEAD CABLE	DESCRIPTION	CODE
	KIT EXTENDED LEAD CABLE 4G1.5 FOR MICRA HS - 30M	60180969
	KIT EXTENDED LEAD CABLE 4G1.5 FOR MICRA HS - 60M	60180970
	KIT EXTENDED LEAD CABLE 4G1.5 FOR MICRA HS - 90M	60180971

KIT CABLE FOR MOTORS	DESCRIPTION	CODE	4GG	4TW	40L
	KIT CABLE 4x1,5 mm² -LENGHT. 20 m. WITH CONNECT. FOR 4"GG/4"OL MOTORS	60153539	•		•
	KIT CABLE 4x1,5 mm² -LENGHT. 40 m. WITH CONNECT. FOR 4"GG/4"OL MOTORS	60153541	•		•
	KIT CABLE 4x2,5 mm² -LENGHT. 20 m. WITH CONNECT. FOR 4"GG/4"OL MOTORS	60153547	•		•
	KIT CABLE 4x2,5 mm² -LENGHT. 40 m. WITH CONNECT. FOR 4"GG/4"OL MOTORS	60153614	•		•
	KIT CABLE 3G1.5 MT30 CON CONNETTORE PER MOTORE 4" 4TW	60153537		•	

CABLE SUBSTITUTION KIT - FE 4" ENCAPSULATED MOTOR	DESCRIPTION	CODE
	KIT CABLE SUBSTITUTION TF - 4G1.5 MT1.7 FOR 4"GG	5002315

CORROSION PROTECTION KIT FOR 4" MOTORS	DESCRIPTION	CODE
	CORROSION PROTECTION KIT - 4"GG 200/300 KG	60123038
	CORROSION PROTECTION KIT - 4"GG 600 KG	60123039
	CORROSION PROTECTION KIT - 4"OL	60151299

DIVERTRON ACCESSORIES	DESCRIPTION	CODE
	ASPIRATION KIT FOR DIVERTRON X	60112006
	AUXILIARY TANK FOR DIVERTRON	60117315

CB - CONTROL PANEL FOR DIVER SINGLE-PHASE PUMP

- Housing in shockproof thermoplastic with two cable clamps
- Luminous 2-pole main switch (power ON)
- Protection level: IP 43
- Starter capacitor
- Thermal cut-out protection with external manual reset

	MODEL	CODE	VOLTAGE 50 Hz	P2 NOMINAL		PROTECTION	CAPACITOR µF	DIMENSIONS mm	GROSS WEIGHT Kg	DIVER		MICRA	
				kW	HP								
	**CB 16/5**	**60149564**	1x230 V ~	0,55	0,75	5 A	16	85 x 170 x 65	0,65	•	DIVER 75 M		
	CB 20/6	**60149565**	1x230 V ~	0,75	1	6 A	20	85 x 170 x 65	0,65	•	DIVER 100 M DIVER 100 HF M		
	CB 30/9	**60149566**	1x230 V ~	1,1	1,5	9 A	30	85 x 170 x 65	0,65	•	DIVER 150 M DIVER 150 HF M		
	CB 35/12	**60148895**	1x230 V ~	1,5	2	12 A	35	85 x 170 x 65	0,65	•	DIVER 200 M DIVER 200 HF M		
	CB 05/12	**60140961**	1 x 230 V~	0,37	0,5	5 A	12	85 x 170 x 65	0,65			•	MICRA 50 M
	CB 06/16	**60140962**	1 x 230 V~	0,55	0,75	6 A	16	85 x 170 x 65	0,65			•	MICRA 75 M
	CB 07/20	**60140963**	1 x 230 V~	0,75	1	7 A	20	85 x 170 x 65	0,65			•	MICRA 100 M

ESC PLUS

Panel for protection and control of motor/single-phase/three-phase pump with direct start up.
Double set-up mode: automatic/manual
The motor/pump protection against dry running is assured by the major of the motor cos φ, (level probes not required)
Casing made of shock-proof and self-extinguishing thermoplastic material with two antipull plugs.
Main switch.
Power supply: Single-phase 230 V +/- 5%, Three-phase 400 V +/-5%.
Digital display with status indications.
Four models available for powers from 0.5 HP to 15 HP.
Protection degree IP54. Starting
Capacitor for single phase version (to be order separately).
Optoisolated auxiliary contact for control by probes, pressure switch and float switch.
ON-OFF switch.
Functional features:
Overload protection.
Phase failure protection (threephase version).
Overvoltage protection.
Short circuit protection.
Protection against dry running.

	MODEL	CODE	VOLTAGE 50-60 Hz	RANGE HP	MAX CURRENT A	PANEL DIMENSIONS			WEIGHT Kg
						A	B	H	
	**ESC PLUS 3M 220-240/50-60**	**60149590**	1 x 230 V<	0, 5 - 3	< 18	175	175	80	0,9
	ESC PLUS 4T 400/50-60	**60149591**	3 x 400 V<	0, 5 - 4	< 9	245	195	95	1
	ESC PLUS 10T 400/50-60	**60149592**	3 x 400 V<	5,5 - 10	< 20	215	170	75	1,4
	ESC PLUS 15T 400/50-60	**60149593**	3 x 400 V<	12,5 - 15	< 30	215	170	75	1,6

CONTROL BOX 4”

Electric control panel for single phase bore-hole pumps featuring manually resettable overload cut-out, capacitor and terminal board for the electrical connections and posisble connection of pressure switch/float. Complete with 1.5 metres of power cable with SCHUKO EEC 7 – VII – UNEL 47166-168 electric plug. Cabinet for wall mounting in a flame-proof, thermoplastic material.

	MODEL SINGLE-PHASE	CODE	MOTOR POWER kW	PROTECTION AMPER. AMP	CAPACITOR µF	WEIGHT Kg
	**CONTROL BOX 4” 0,5**	**108003210**	0,37	4	16	1,7
	CONTROL BOX 4” 0,75	**108003220**	0,55	5	20	1,7
	CONTROL BOX 4” 1	**108003270**	0,75	7	25	1,7
	CONTROL BOX 4” 1,5	**108003280**	1,1	10	35	1,7
	CONTROL BOX 4” 2	**108003290**	1,5	13	40	1,7
	CONTROL BOX 4” 3	**108003300**	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: IP 54
Ambient operating temperature: -10 ° C + 40 ° C
Wall mounting box in self-extinguishing thermoplastic material.

	MODEL	CODE	VOLTAGE 50 Hz	POWER MAX kW	MAX CURRENT A	RUN CAPACITOR µF	STARTING CAPACITOR µF	WEIGHT Kg
	**CBB 05/16 (0,37 KW)**	4616050	1 x 230 V	0,37	5	16	53-64	0,85
	CBB 06/20 (0,55KW)	4620060	1 x 230 V	0,55	6	20	53-64	0,85
	CBB 09/25 (0,75 KW)	4625090	1 x 230 V	0,75	9	25	100-130	1,5
	CBB 12/35 (1,1 KW)	4635120	1 x 230 V	1,1	12	35	100-130	1,1
	CBB 15/40 (1,5KW)	4640150	1 x 230 V	1,5	15	40	189-250	1,1
	CBB 20/60 (2,2 KW)	49050200	1 x 230 V	2,2	20	60	189-250	1,5
	CBB 32/90 (3,7 KW)	49090320	1 x 230 V	3,7	32	90	315-400	1,5

ES 1 M - ES 3 M

Electric control unit for protecting single-phase electric borehole pumps from running without water (see table). The panel is protected and protects the electric pump from overloading and short circuits with a manually resettable device.
Can work with 1, 2 or 3 probes depending on the use to which it is put.

Protection level: IP55.
Temperature application range: from –10°C to +40°C.
Supplied standard with an electric probe and wall bracket.
Cabinet for wall mounting in flame-proof, thermoplastic material.

	MODEL	CODE	VOLTAGE 50/60 Hz	POWER kW p2 MOT.	MAX RATED OPERATING POWER (kW)	MAX CURRENT A	DIMENSIONS			WEIGHT Kg
							A	B	H	
	**ES 1 M**	**108000130**	1x220-240 V<	0,37-0,55-0,75	1,85	10	270	300	190	5,6
	ES 3 M	**108000140**	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

Electric control unit for protecting three-phase electric borehole pumps from running without water (see table). The panel is protected and protects the electric pump from overloading and short circuits with a manually resettable device.
Can work with 1, 2 or 3 probes depending on the use to which it is put.

Protection level: IP55. Temperature application range:
from –10°C to +40°C.
Supplied standard with an electric probe and wall bracket.
Cabinet for wall mounting in flame-proof, thermoplastic material.

	MODEL	CODE	VOLTAGE 50 Hz	POWER kW p2 MOT.	MAX RATED OPERATING POWER (kW)	MAX CURRENT A	DIMENSIONS			WEIGHT Kg
							A	B	H	
	**ES 0,75 T**	**108000240**	3 x 400 V	0,37-0,55	0,88	1,6	270	300	190	5,6
	ES 1 T	**108000250**	3 x 400 V	0,75	1,38	2,5	270	300	190	5,6
	ES 1,5 T	**108000260**	3 x 400 V	1,1	2,2	4	270	300	190	5,6
	ES 3 T	**108000270**	3 x 400 V	1,5 - 2,2	3,5	6,3	270	300	190	5,6
	ES 4 T	**108000280**	3 x 400 V	3	5,5	10	270	300	190	5,6
	ES 7,5 T	**108000290**	3 x 400 V	4-5,5	7,5	14	270	300	190	5,6

COMMAND AND CONTROL SYSTEM - ES

Electrical panels for protection and automatic control using float/s for bore-hole three phase electric pumps, installed singularly.
Available for direct and star-delta starting.
Cabinet for wall mounting in flame-proof, thermoplastic material.
The panel is self-protected and protects the electric pump from overloading and short circuits, power failure with a manually resettable device.
Supplied complete with:
- power line switch with pad lockable door handle;
- self-protected transformer for 24V powering of external commands;
- terminals for connecting electric pump/s and min. and max. control float/s;
- Probes module for the running without water control;
- terminals for connecting a remote acoustic or luminous alarm (without potential);
- switch on the front of the panel for man - 0 - out operation of the electric pump
- Operating temperature range: -10°C +40°C
- Level of protection: IP55
- The panels are built to EN 60204-1 and EN 60439-1
- Supplied with standard electric probe.

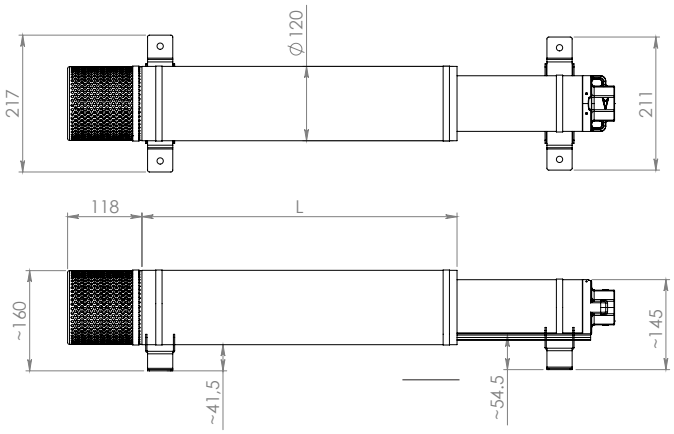
MODEL	CODE 3 x 380-415V~	VOLTAGE 50-60 Hz	P2 NOMINAL kW	MAX CURRENT	WEIGHT Kg
ES 7,5 T	108000290	3 x 400 V	4 - 5,5	14	5,6
ES 10 T	108000600	3 x 400 V	7,5	18	5,6
ES 12,5 T	108000610	3 x 400 V	9,2	25	5,9
ES 15 T	108000620	3 x 400 V	11	25	8
ES 20 T	108000630	3 x 400 V	15	32	8,1
ES 25 T	108000640	3 x 400 V	18,5	40	8,3
ES 30 T	108000650	3 x 400 V	22	63	8,5
ES 40 T	108000660	3 x 400 V	30	80	8,2
ES 50 T	108000670	3 x 400 V	37	90	9
ES 60 T	108000680	3 x 400 V	45	100	9
ES 75 T	60168893	3 x 400 V	55	109	-
ES 85 T	60168895	3 x 400 V	63	126	-
ES 100 T	60168897	3 x 400 V	75	148	-
ES 125 T	60168899	3 x 400 V	92	185	-
ES 150 T	60168901	3 x 400 V	110	217	-
ES 180 T	60168903	3 x 400 V	132	257	-
ES 200 T	60168905	3 x 400 V	147	300 A	-
ES 230 T	60168907	3 x 400 V	170	348 A	-
ES 260 T	60168909	3 x 400 V	190	405 A	-
ES 300 T	60168911	3 x 400 V	220	424 A	-
ES 340 T	60168913	3 x 400 V	250	481	-
ES 10 T S/D	108000700	3 x 400 V	7,5	18	5,6
ES 12,5 T S/D	108000710	3 x 400 V	9,2	25	5,9
ES 15 T S/D	108000720	3 x 400 V	11	25	8
ES 20 T S/D	108000730	3 x 400 V	15	32	8,1
ES 25 T S/D	108000740	3 x 400 V	18,5	40	8,3
ES 30 T S/D	108000750	3 x 400 V	22	63	8,5
ES 40 T S/D	108000760	3 x 400 V	30	80	8,2
ES 50 T S/D	108000770	3 x 400 V	37	90	9
ES 60 T S/D	108000780	3 x 400 V	45	100	9
ES 75 T S/D	60168894	3 x 400 V	55	109	-
ES 85 T S/D	60168896	3 x 400 V	63	126	-
ES 100 T S/D	60168898	3 x 400 V	75	148	-
ES 125 T S/D	60168900	3 x 400 V	92	185	-
ES 150 T S/D	60168902	3 x 400 V	110	217	-
ES 180 T S/D	60168904	3 x 400 V	132	257	-
ES 200 T S/D	60168906	3 x 400 V	147	300 A	-
ES 230 T S/D	60168908	3 x 400 V	170	348	-
ES 260 T S/D	60168910	3 x 400 V	190	405	-
ES 300 T S/D	60168912	3 x 400 V	220	424	-
ES 340 T S/D	60168914	3 x 400 V	250	481	-

COOLING SLEEVE FOR 4" MOTOR

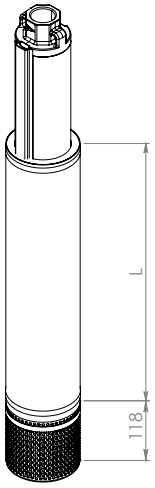
SELECTION TABLE

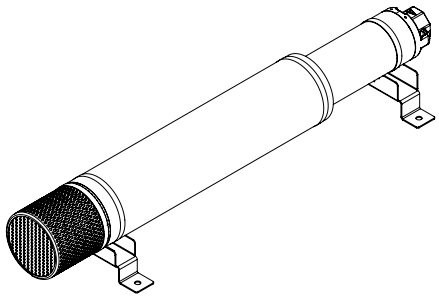
Cooling sleeves kit, different lenght, to be used to assure a perfect cooling of the 4" motors when installing the pump inside tank or where a minimum cooling flow is not granted.
The sleeve choice must be done according to power and type of teh motor as stated by the following table.

VOLTAGE 50 Hz	MOTOR POWER		MOTOR TYPE		
	HP	kW	4GG - 4GX	4OL	4TW
Single-phase	0,5	0,37	COOLING KIT L400 cod 60125178	COOLING KIT L400 cod 60125178	COOLING KIT L525 cod 60125179
	0,75	0,55			
	1	0,75			COOLING KIT L885 cod 60125180
	1,5	1,1	COOLING KIT L525 cod 60125179	COOLING KIT L525 cod 60125179	
	2	1,5			
	3	2,2		COOLING KIT L885 cod 60125180	
	5	3,7	COOLING KIT L885 cod 60125180		



Three-phase	0,5	0,37	COOLING KIT L400 cod 60125178	COOLING KIT L400 cod 60125178
	0,75	0,55		
	1	0,75		
	1,5	1,1		
	2	1,5	COOLING KIT L525 cod 60125179	COOLING KIT L525 cod 60125179
	3	2,2		COOLING KIT L885 cod 60125180
	4	3	COOLING KIT L885 cod 60125180	
	5,5	4		
	7,5	5,5		
	10	7,5		





	DESCRIPTION	CODE
	COOLING SLEEVE KIT L400	60125178
	COOLING SLEEVE KIT L525	60125179
	COOLING SLEEVE KIT L885	60125180
	HORIZONTAL POSITIONING KIT (2 PIECES)	60125181
	FILTER KIT	60125182

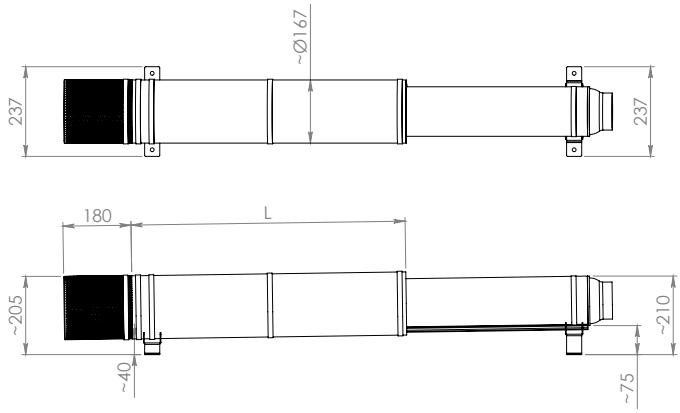
Showed in the photo: cooling sleeve kit + horizontal positioning kit + filter kit

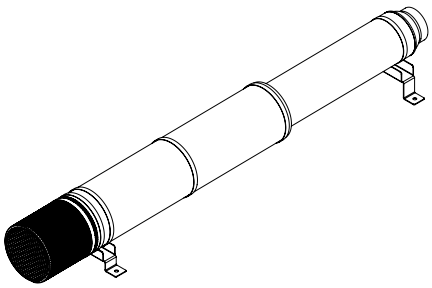
COOLING SLEEVE FOR 6” MOTOR

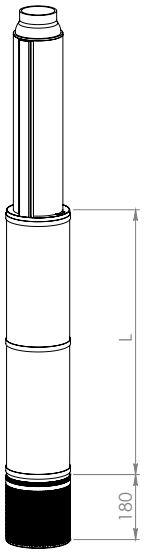
SELECTION TABLE

Cooling sleeves kit, different lenght, to be used to assure a perfect cooling of the 6” motors when installing the pump inside tank or where a minimum cooling flow is not granted.
The sleeve choice must be done according to power and type of teh motor as stated by the following table.

VOLTAGE 50 Hz	MOTOR POWER		MOTOR TYPE	
	HP	kW	6GF-6GX	TR6
Three-phase	5,5	4	COOLING KIT 725 **60144213**	
	7,5	5,5		COOLING KIT 960 **60144217**
	10	7,5		
	12,5	9,3		
	15	11	COOLING KIT 960 **60144217**	
	17,5	13		COOLING KIT 1220 **60144218**
	20	15		
	25	18,5		
	30	22		
	35	26	COOLING KIT 1220 **60144218**	
	40	30		COOLING KIT 1490 **60146397**
	50	37		







	DESCRIPTION	CODE
	**COOLING SLEEVE KIT L. 725**	60144213
	COOLING SLEEVE KIT L. 960	60144217
	COOLING SLEEVE KIT L. 1.220	60144218
	COOLING SLEEVE KIT L. 1.490	60146397
	HORIZONTAL POSITIONING KIT (2 PIECES)	60146398
	FILTER KIT	60146399

Showed in the photo: cooling sleeve kit + horizontal positioning kit + filter kit

NOTES

INDEX - PRESSURE UNITS

2 E.SYBOX WITH E.SYTWIN
ELECTRONIC PRESSURIZATION SET
E7 PAG. 332

DOMESTIC PUMPS SETS WITH ACTIVE DRIVER PLUS NEW MODELS
CONSTANT PRESSURE SETS
BY PAG. 333

1/2/3 KV AD 3/6/10
CONSTANT PRESSURE SETS WITH ACTIVE DRIVER
BY PAG. 335

2 KVE ADAC NEWS
CONSTANT PRESSURE SETS WHIT ADAC
EJ PAG. 336

2/3 NKV AD 10/15
CONSTANT PRESSURE SETS WITH ACTIVE DRIVER
BY PAG. 337

2/3/4 NKVE 10/15/20/32/45 MCE/P
CONSTANT PRESSURE SETS WITH MCE/P
EJ PAG. 339

2 JET
SETS WITH 2 SELF-PRIMING PUMPS
C1 PAG. 342

2 EURO / 2 EUROINOX
SETS WITH 2 HORIZONTAL MULTISTAGE EURO
C1 PAG. 343

2 K
SETS WITH CENTRIFUGAL PUMPS TWIN IMPELLER
C1 PAG. 344

AQUATWIN TOP
PRESSURIZATION GROUP FOR RAINWATER RECOVERY SYSTEM
C1 PAG. 344

1/2/3 KVC
SETS WITH 1/2/3 VERTICAL MULTISTAGE CENTRIFUGAL PUMPS
C3 PAG. 345

1/2/3 KV 3 - 6 -10
SETS WITH 1/2/3 VERTICAL MULTISTAGE PUMPS
C3 PAG. 348

1/2/3/4 NKV 10/15/20/32/45
SETS WITH VERTICAL AXIS MULTISTAGE CENTRIFUGAL PUMPS
C2 PAG. 350

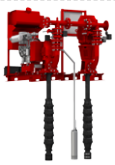
2 NKV 10/15/20 E.BOX
PRESSURIZATION GROUPS WITH 2 MULTISTAGE CENTRIFUGAL PUMPS WITH A VERTICAL AXIS
C2 PAG. 351

1/2/3 NKP-G / K
SETS WITH CENTRIFUGAL PUMPS K - NKP
C4 PAG. 352

1 KDN COMPACT NEWS
FIRE -FIGHTING BOOSTER SETS WITH ELECTRIC PUMP AND DIESEL PUMP
EQ ER PAG. 355

1/2 NKV
FIRE -FIGHTING BOOSTER SETS WITH VERTICAL NKV PUMPS
C5 PAG. 358

S4 - SS6 - SS7 - SS8 NEWS
FIRE FIGHTING UNITS UNI STANDARDS EN 12845 WITH 4"-6"-8" SUBMERSIBLE ELECTRIC PUMPS
C5 PAG. 360



1 KVT NEWS
FIRE FIGHTING UNITS UNI STANDARDS EN 12845 DIESEL AND ELECTRIC WITH VERTICAL TURBINE PUMPS
ES ET PAG. 362

ACCESSORIES
PAG. 365

e.sybox

2 E.SYBOX WITH E.SYTWIN

ELECTRONIC PRESSURIZATION SET

CE

WATER SUPPLY IN DOMESTIC ENVIRONMENTS

E.SYBOX+E.SYTWIN is the electronic water pressurization set for domestic and residential environments.
The installation of 2 E.SYBOX + E.SYTWIN does not require any additional components. It consists of two multistage self-priming pumps with inverter electronics, pressure and flow sensors, adjustable high resolution LCD display, and 2 litre built-in expansion vessel for each pump.
The water cooled motor, the sound-proofing ABS protection guards, the anti-vibration feet and the electronics, make this a completely silent (45 dB) and compact product.
The wireless device facilitates the creation of pressurisation sets and the connection to other DAB devices.
The kit consists of two E.SYBOX and one E.SYTWIN.
The components are supplied disassembled.
Protection class: IP X4
Insulation class: F

Pumped Liquid: clean, free of solids and abrasives, non-viscous, non-aggressive, non-crystallised and chemically neutral.
Maximum temperature of liquid: 40 °C
Maximum ambient temperature: 50 °C
Maximum suction capacity: self-priming to 8 metres.
Maximum operating pressure: 8 bar (800 kPa).

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA													DNA GAS	DNM GAS	WEIGHT KG
		VOLTAGE 50 - 60 Hz	P1 MAX		I MAX 2 x A	Q=m³h	0	1,2	2,4	3,6	4,8	6,0	7,2	8,4	9,6	10,8	12	13,2	14,4			
			2 x kW	2 x HP		Q=l/min	0	20	40	60	80	100	120	140	160	180	200	220	240			
KIT 2 E.SYBOX + E.SYTWIN	60170272	1x220-240 V ~	1,55	2,1	10	H (m)	65	63,5	61,5	59,5	57	53	48	41,5	35	27,5	19	10	2	1 "	1 "	66

DAB WATER•TECHNOLOGY

DOMESTIC PUMPS SETS WITH ACTIVE DRIVER PLUS

NEW MODELS

2 JET AD - 2 EURO AD

2 KVC AD

CE

Pump sets equipped with Active Driver are designed and built to meet the constant pressure requirements imposed by modern water distribution system technology. Constant pressure control is used in an increasing number of applications in the most diverse range of sectors: Water pipelines - Irrigation - Industry - Hotels - Residential building - Spa centres. The basic principles that guided our engineers in developing these pump sets were simplicity,
flexibility andreliability.

SHORT INTRODUCTION TO ACTIVE DRIVER

The Active Driver module is a comprehensive device that includes water pipeline connections, a pressure sensor, a flow sensor, and an electronic inverter. When applied to the
discharge line of each electric pump, Active Driver controls the speed of the pump to which it is connected in such a way as to ensure constant pressure irrespective of variations in the water flow rate demand. The water that flows though Active Driver's connections also helps to dissipate the heat produced by the internal electronic components.

OPERATION

As soon as the system pressure drops due to a water demand, just one pump will run in order to meet the flow rate demanded. Starting of the second and third pump occurs in a cascade sequence once the first pump has reached its maximum rotation speed. Pump pressure can be user adjusted by means of the Active Driver + and – keys (usually all pumps are set to the same pressure value).
The pumps are stopped automatically in the following situations:
- pump current surge
- dry running
- low power supply voltage
- surpassing of an adjustable pressure set-point value
- overheating of Active Driver electronics.

Sets with two pumps and with three pumpsequipped with Active Driver are supplied complete
with a protection control unit containing thermal magnetic cut-outs and the power
line input terminals.

FUNCTIONS DISPLAYED ON ACTIVE DRIVER

- Pump operating frequency (Hz)
- Instantaneous pressure (bar)
- Pump current draw (ampere)
- Operating alarms

Active Driver EXTERNAL CONNECTIONS (models M/T 2.2 - T/T 3.0 - T/T 5.5 only)
Inputs: pump disable, pressure switch / float switch to protect against dry running, second pressure Set point.
Outputs: two voltage-free contacts for alarm / stop signalling, pump running.

All the domestic booster sets with active driver plus included 1 expansion vessel of 8 L and manifolds in stainless steel AISI 304

AD PLUS PAG. 5
ACCESSORIES PAG. 365

TECHNICAL DATA - 2 JET AD

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA		Ø		WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		Q m^3/h	H m	A	M	
			kW X 2	HP X 2					
2JET AD 132 M	500140040	1 X 230 V ~	1	1,36	0,6-9,6	45,6-27,2	2"	1" ½	56
2JET AD 151 M	500140070	1 X 230 V ~	1,1	1,5	0,6-9	58-38	2"	1" ½	96
2JET AD 251 M	500140090	1 X 230 V ~	1,85	2,5	0,6-14,4	60-34,2	2"	1" ½	105

TECHNICAL DATA - 2 EURO/EUROINOX AD

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA		Ø		WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		Q m^3/h	H m	A	M	
			kW x 2	HP x 2					
2EURO AD 50/50 M	500140260	1 X 230 V ~	1	1,36	0,6-9,6	68-26,5	2"	1" ½	57
2EUROINOX AD 50/50 M	500140360	1 X 230 V ~	1	1,36	0,6-9,6	68-26	2"	1" ½	57

1/2/3 KVC AD

PUMPS SETS WITH ACTIVE DRIVER PLUS

TECHNICAL DATA - 1 KVC AD

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA		Ø		WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		Q m^3/h	H m	A	M	
			kW	HP					
1 KVC A.D. 75/50 M	60122640	1 X 230 V ~	1,5	2	0,5-4,8	94-40	1" ¼	1" ¼	39
1 KVC A.D. 65/80 M	60122644	1 X 230 V ~	2,2	3	0,7-7,2	95-32	1" ¼	1" ¼	40
1 KVC A.D. 35/120 M	60122645	1 X 230 V ~	1,1	1,5	1,2-12	46-12	1" ¼	1" ¼	34
1 KVC A.D. 45/120 M	60122646	1 X 230 V ~	1,85	2,5	1,2-12	61-16	1" ¼	1" ¼	35
1 KVC A.D. 60/120 T	60122647	3 X 400 V ~	2,2	3	1,2-12	76,5-20	1" ¼	1" ¼	39
1 KVC A.D. 85/120 T	60122649	3 X 400 V ~	3	4	1,2-12	107-28	1" ¼	1" ¼	42

TECHNICAL DATA - 2 KVC AD

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA		Ø		WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		Q m^3/h	H m	A	M	
			kW x 2	HP x 2					
2 KVC A.D. 30/50 M	60122650	1 X 230 V ~	0,55	0,75	0,5-9,6	40-17	2"	2"	76
2 KVC A.D. 55/50 M	60122651	1 X 230 V ~	1	1,36	0,5-9,6	67-28	2"	2"	83
2 KVC A.D. 75/50 T	60122655	3 X 400 V ~	1,5	2	0,5-9,6	94-40	2"	2"	91
2 KVC A.D. 30/80 M	60122656	1 X 230 V ~	0,8	1,1	0,7-14,4	46-11	2"	2"	80
2 KVC A.D. 30/80 T	60122657	3 X 400 V ~	0,8	1,1	0,7-14,4	46-11	2"	2"	80
2 KVC A.D. 45/80 M	60122659	1 X 230 V ~	1,1	1,5	0,7-14,4	70-20	2"	2"	89
2 KVC A.D. 45/80 T	60122660	3 X 400 V ~	1,1	1,5	0,7-14,4	70-20	2"	2"	89
2 KVC A.D. 65/80 T / N	60122661	3 X 400 V ~ + N	2,2	3	0,7-14,4	95-32	2"	2"	93
2 KVC A.D. 65/80 T	60122662	3 X 400 V ~	2,2	3	0,7-14,4	95-32	2"	2"	93
2 KVC A.D. 35/120 M	60122663	1 X 230 V ~	1,1	1,5	1,2-24	46-12	2"	2"	81
2 KVC A.D. 45/120 M	60122665	1 X 230 V ~	1,85	2,5	1,2-24	61-16	2"	2"	83
2 KVC A.D. 45/120 T	60122666	3 X 400 V ~	1,85	2,5	1,2-24	61-16	2"	2"	83
2 KVC A.D. 60/120 T	60122667	3 X 400 V ~	2,2	3	1,2-24	76,5-20	2"	2"	89
2 KVC A.D. 70/120 T	60122668	3 X 400 V ~	3	4	1,2-24	92-24	2"	2"	95
2 KVC A.D. 85/120 T	60122669	3 X 400 V ~	3	4	1,2-24	107,5-28	2"	2"	97

TECHNICAL DATA - 3 KVC AD

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA		Ø		WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		Q m^3/h	H m	A	M	
			kW x 3	HP x 3					
3 KVC A.D. 30/50 M	60122670	1 X 230 V ~	0,55	0,75	0,5-14,4	40-17	2" ½	2" ½	97
3 KVC A.D. 75/50 T / N	60122672	3 X 400 V ~ + N	1,5	2	0,5-14,4	94-40	2" ½	2" ½	97
3 KVC A.D. 30/80 T / N	60122673	3 X 400 V ~ + N	0,8	1,1	0,7-21,6	46-11	2" ½	2" ½	97
3 KVC A.D. 40/80 T / N	60140189	3 X 400 V ~ + N	1	1,36	0,7-21,6	59-15	2" ½	2" ½	97
3 KVC A.D. 45/80 T / N	60122674	3 X 400 V ~ + N	1,1	1,5	0,7-21,6	70-20	2" ½	2" ½	97
3 KVC A.D. 65/80 T / N	60122675	3 X 400 V ~ + N	2,2	3	0,7-21,6	95-32	2" ½	2" ½	97
3 KVC A.D. 35/120 T	60122677	3 X 400 V ~	1,1	1,5	1,2-36	46-12	2" ½	2" ½	156
3 KVC A.D. 45/120 T / N	60122678	3 X 400 V ~ + N	1,85	2,5	1,2-36	61-16	2" ½	2" ½	156
3 KVC A.D. 45/120 T	60122679	3 X 400 V ~	1,85	2,5	1,2-36	61-16	2" ½	2" ½	153
3 KVC A.D. 60/120 T	60122680	3 X 400 V ~	2,2	3	1,2-36	76,5-20	2" ½	2" ½	153
3 KVC A.D. 70/120 T	60122682	3 X 400 V ~	3	4	1,2-36	92-24	2" ½	2" ½	153
3 KVC A.D. 85/120 T	60122683	3 X 400 V ~	3	4	1,2-36	107,5-28	2" ½	2" ½	153

(1) Available on request 3x400 V Three-phase version without neutral wire

1 / 2 / 3 KV AD 3 -6-10

SETS WITH ACTIVE DRIVER 3-6-10 AT CONSTANT PRESSURE

Pressure units, particularly suitable for domestic applications and small systems for civil or industrial uses, irrigation systems and washing installations.

CONSTRUCTION FEATURES - COMPONENTS
- 2-3 KV centrifugal multistage electric pump on a vertical axis
- Galvanized steel skid complete with four rubber antivibration feet for 2 or 3-pump units.
- Suction and delivery manifold in galvanized steel for 2 or 3-pump units
- Ball valves on the suction and delivery pipe union of each single pump
- Check valves on suction port of each pump
- 2 Galvanized steel plugs for manifolds for 2 or 3-pump units
- Radial pressure gauge with shut-off valve for 2 or 3-pump units.
- 1 Active Driver module on the discharge line of each pump

AD PLUS PAG. 5
ACCESSORIES PAG. 365

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA		Ø		WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		Q m^3/h	H m	A	M	
			kW	HP					
1 KV A.D. 3/12 M	500390010	1 X 230 V ~	1,5	2	0,5-7	100-20	1"¼	1"¼	39
1 KV A.D. 6/11 M	500390020	1 X 230 V ~	1,85	2,5	0,5-8	90-25	1"¼	1"¼	38
1 KV A.D. 10/6 M	500390030	1 X 230 V ~	1,85	2,5	0,5-13	55-20	1"¼	1"¼	38
2 KV A.D. 3/12 T / N	500390110	3 X 400 V ~ + N	2 x 1,5	2 x 2	0,5-14	100-20	2"	2"	125
2 KV A.D. 6/11 T / N	500390120	3 X 400 V ~ + N	2 x 1,85	2 x 2,5	0,5-16	90-25	2"	2"	128
3 KV A.D. 3/12 T / N	500390210	3 X 400 V ~ + N	3 x 1,5	3 x 2	0,5-21	100-20	2" ½	2" ½	150
3 KV A.D. 6/11 T / N	500390220	3 X 400 V ~ + N	3 x 1,85	3 x 2,5	0,5-24	90-25	2" ½	2" ½	160
3 KV A.D. 10/6 T / N	500390230	3 X 400 V ~ + N	3 x 1,85	3 x 2,5	0,5-39	55-20	DN 80	DN 80	200
3KV A.D. 10/8 T	60118791	3 X 400 V ~	3 x 2,2	3 x 3	0,5-39	70-30	DN 80	DN 80	220

(1) Available on request 3x400 V Three-phase version without neutral wire

2 KVE ADAC

CONSTANT PRESSURE SETS WITH “ADAC”

NEWS

Water lifting sets, particularly suited for domestic use and small civil, agricultural, or industrial systems.
The use of vertical axis multistage centrifugal electric pumps ensures high performance results.
Their main features are limited space requirements, sturdiness, absolute reliability, and extremely quiet operation.

HYDRAULIC SECTION
- 2 KV3 - 6 - 10 vertical multistage electric pumps
- Tropicalized galvanized sheet steel base, complete with 4 anti-vibration rubber feet
- Threaded suction and delivery manifolds made of tropicalized galvanized steel
- Manifold sealing plugs or blind flanges
- Ball valves with unions on the suction and delivery ports of each pump
- Check valves on the suction ports of each pump
- 1 x 8 litre membrane tank
- Radial manometer with shut-off valve
- 2 ADAC inverters on the pump

The sets are supplied in a sturdy cardboard packaging on wooden pallet and with installation / maintenance manual with electric diagram.

ADAC PAG. 4
ACCESSORIES PAG. 365

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA		Ø		WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		Q m^3/h	H bar	A	M	
			kW X 2	HP X 2					
2KVE 6/7 T ADAC	60170226	3x400+N	2x1,1	2x1,5	2 - 17	6 - 2	2"	2"	100
2KVE 10/5 T ADAC	60170229	3x400+N	2x1,5	2x2	3 - 29	5 - 2,5	2"	2"	101
2KVE 10/6 T ADAC	60170230	3x400+N	2x1,85	2x2,5	3 - 29	5,5 - 2	2"	2"	104
2KVE 10/8 T ADAC	60170231	3x400 V	2x2,2	2x3	3 - 29	7 - 3	2"	2"	122

2 NKV AD 10-15

PUMPS SETS WITH ACTIVE DRIVER AT CONSTANT PRESSURE

Applications
Booster sets specifically suitable for civil or industrial use, irrigation systems and washing installations.
These units are acclaimed for their supreme reliability, simplicity of operation and minimal maintenance requirements.

Construction features - components
- 2 NKV 10-15 type multistage vertical centrifugal electric pumps
- Skid in galvanized sheet steel
- Suction and discharge manifolds in galvanized steel (stainless steel on request)
- Ball valves with union on suction and discharge ports of each pump
- Check valves on discharge ports of each pump
- 2 plugs or blank flanges in galvanized steel for closing manifolds
- Radial pressure gauge with isolator valve
- 1 8 litre membrane pressure tank

Electrical section
- 1 Modulo Active Driver on discharge line of each pump (see Active Driver information at the beginning of this heading)
- 1 protection control unit

AD PLUS PAG. 5
ACCESSORIES PAG. 365

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA		Ø		WEIGHT Kg
		VOLTAGE 50 Hz		P2 NOMINAL		Q m^3/h	H m	A	M	
		1 X 230	3 x 400	kW X 2	HP X 2					
2NKV A.D. 10/6 T	60120088	3 X 400 V ~		2,2	3	4-24	60 -30	2" ½	2" ½	578
2NKV A.D. 10/7 T	60120089	3 X 400 V ~		3	4	4-24	70-40	2" ½	2" ½	298
2NKV A.D. 10/8 T	60120090	3 X 400 V ~		3	4	4-24	80-50	2" ½	2" ½	300
2NKV A.D. 10/9 T	60120091	3 X 400 V ~		3	4	4-24	90-50	2" ½	2" ½	302
2NKV A.D. 10/10 T	60120092	3 X 400 V ~		4	5,5	4-24	100-60	2" ½	2" ½	322
2NKV A.D. 10/12 T	60120093	3 X 400 V ~		4	5,5	4-24	120-70	2" ½	2" ½	326
2NKV A.D. 15/3 T	60120095	3 X 400 V ~		3	4	8-30	40-30	DN 100	DN80	314
2NKV A.D. 15/4 T	60120096	3 X 400 V ~		4	5,5	8-30	50-40	DN 100	DN80	334
2NKV A.D. 15/5 T	60120097	3 X 400 V ~		4	5,5	8-30	65-50	DN 100	DN80	336
2NKV A.D. 15/6 T	60120098	3 X 400 V ~		5,5	7,5	8-30	80-60	DN 100	DN80	392
2NKV A.D. 15/7 T	60120099	3 X 400 V ~		5,5	7,5	8-30	90-70	DN 100	DN80	395

Available on request, units with stainless steel manifolds.

3 NKV AD 10-15

PUMPS SETS WITH ACTIVE DRIVER AT CONSTANT PRESSURE

Applications
Booster sets specifically suitable for civil or industrial use, irrigation systems and washing installations. These units are acclaimed for their supreme reliability, simplicity of operation and minimal maintenance requirements.

Construction features - components
- 3 NKV 10-15 type multistage vertical centrifugal electric pumps
- Skid in galvanized sheet steel
- Suction and discharge manifolds in galvanized steel (stainless steel on request)
- Ball valves with union on suction and discharge ports of each pump
- Check valves on discharge ports of each pump
- 2 plugs or blank flanges in galvanized steel for closing manifolds
- Radial pressure gauge with isolator valve
- 1 8 litre membrane pressure tank

Electrical section
- 1 Active Driver module on the discharge line of each pump (see Active Driver information at the beginning of this heading)
- 1 protection control unit"

AD PLUS PAG. 5
ACCESSORIES PAG. 365

TECHNICAL DATA - 3 NKV AD

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA		Ø		WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		Q m^3/h	H m	A	M	
			kW X 3	HP X 3					
3NKV A.D. 10/6 T	60120103	3 X 400 V ~	2,2	3	4-24	60 -30	DN 80	DN 80	415
3NKV A.D. 10/7 T	60120104	3 X 400 V ~	3	4	4-24	70-40	DN 80	DN 80	445
3NKV A.D. 10/8 T	60120105	3 X 400 V ~	3	4	4-24	80-50	DN 80	DN 80	448
3NKV A.D. 10/9 T	60120106	3 X 400 V ~	3	4	4-24	90-50	DN 80	DN 80	452
3NKV A.D. 10/10 T	60120107	3 X 400 V ~	4	5,5	4-24	100-60	DN 80	DN 80	481
3NKV A.D. 10/12 T	60120108	3 X 400 V ~	4	5,5	4-24	120-70	DN 80	DN 80	485
3NKV A.D. 15/3 T	60120110	3 X 400 V ~	3	4	8-30	40-30	DN 125	DN100	545
3NKV A.D. 15/4 T	60120111	3 X 400 V ~	4	5,5	8-30	50-40	DN 125	DN100	575
3NKV A.D. 15/5 T	60120112	3 X 400 V ~	4	5,5	8-30	65-50	DN 125	DN100	578
3NKV A.D. 15/6 T	60120113	3 X 400 V ~	5,5	7,5	8-30	80-60	DN 125	DN100	662
3NKV A.D. 15/7 T	60120114	3 X 400 V ~	5,5	7,5	8-30	90-70	DN 125	DN100	668

Available on request, units with stainless steel manifolds.

2/3/4 NKVE 10 - 15 - 20 - 32 - 45 MCE/P

SETS WITH MCE/P AT CONSTANT PRESSURE

Boosters composed by N. 2-3-4 multistage vertical electropumps NKVE MCE, each driven by an **MCE/P** inverter.
INOX AISI 304 impellers, All the parts in contact with liquid are stainless.
Threephase asyncronous motor, rigid coupling motor-pump.

MECHANICAL HYDRAULICAL PART
Galvanised baseplate for all pumps
Inox AISI 304 suction and delivery manifolds.
Stop valves on each pump's suction, stop valves and not return valves on each pump's delivery.
n. 2-3 -4 pressure vessels on delivery manifold.

ELECTRIC PART
n.1 MCE/P inverter on each pump
n.1 protection control unit on baseplate
n.1 pressure transmitter on delivery manifold

MCE/P PAG. 3
ACCESSORIES PAG. 365

TECHNICAL DATA - 2 NKVE 10-15-20- 32-45 MCE/P

MODEL	CODE	ELECTRICAL DATA				FLOW RATE m3/h	MAX PRESSURE OBTAINABLE BAR	STANDARD PRESSURE	DNA	DNM	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		In A						
			kW	HP							
2NKVE 10/5 T MCE 400-50	60148092	3 X 400V ~	2x2.2	2x3	2x4.9	26	5	4.0	2" ½	2" ½	186
2NKVE 10/6 T MCE 400-50	60151474	3 X 400V ~	2x2.2	2x3	2x5.4	26	6	5.0	2" ½	2" ½	187
2NKVE 10/7 T MCE 400-50	60148094	3 X 400 V ~	2x3	2x4	2x7.37	26	7	6	2" ½	2" ½	214
2NKVE 10/8 T MCE 400-50	60148095	3 X 400 V ~	2x3	2x4	2x7.37	26	8	6.5	2" ½	2" ½	216
2NKVE 10/9 T MCE 400-50	60148096	3 X 400 V ~	2x3	2x4	2x7.37	26	9	7.7	2" ½	2" ½	218
2NKVE 10/10 T MCE 400-50	60148097	3 X 400 V ~	2x4	2x5.5	2x10.1	26	10	8.5	2" ½	2" ½	237
2NKVE 10/12 T MCE 400-50	60148098	3 X 400 V ~	2x4	2x5.5	2x10.1	26	12	10	2" ½	2" ½	240
2NKVE 10/14 T MCE 400-50	60148099	3 X 400 V ~	2x5.5	2x7.5	2x13.1	26	14	10	2" ½	2" ½	298
2NKVE 15/3 T MCE 400-50	60148100	3 X 400 V ~	2x3	2x4	2x7.37	48	4	3.5	100	80	238
2NKVE 15/4 T MCE 400-50	60148101	3 X 400 V ~	2x4	2x5.5	2x10.1	48	5	4	100	80	258
2NKVE 15/5 T MCE 400-50	60148102	3 X 400 V ~	2x4	2x5.5	2x10.1	48	6.5	5	100	80	261
2NKVE 15/6 T MCE 400-50	60148103	3 X 400 V ~	2x5.5	2x7.5	13,1	48	7.5	6.5	100	80	317
2NKVE 15/7 T MCE 400-50	60148104	3 X 400 V ~	2x5.5	2x7.5	2x13.1	48	9	8	100	80	319
2NKVE 15/8 T MCE 400-50	60148115	3 X 400 V ~	2x7.5	2x10	2x17.6	48	11	10	100	80	344
2NKVE 15/9 T MCE 400-50	60148105	3 X 400 V ~	2x7.5	2x10	2x17.6	48	12	11	100	80	347
2NKVE 15/10 T MCE 400-50	60148106	3 X 400 V ~	2x11	2x15	2x25.5	48	13	12	100	80	459
2NKVE 20/3 T MCE 400-50	60148107	3 X 400 V ~	2x4	2x5.5	2x10.1	58	4	3.5	100	80	228
2NKVE 20/4 T MCE 400-50	60148108	3 X 400 V ~	2x5.5	2x7.5	2x13.1	58	6	5	100	80	256
2NKV 20/5 T MCE 400-50	60148109	3 X 400 V ~	2x5.5	2x7.5	2x13.1	58	7	6	100	80	260
2NKVE 20/6 T MCE 400-50	60148110	3 X 400 V ~	2x7.5	2x10	2x17.6	58	8.5	7.5	100	80	284
2NKVE 20/7 T MCE 400-50	60148111	3 X 400 V ~	2x7.5	2x10	2x17.6	58	10	9	100	80	286
2NKVE 20/8 T MCE 400-50	60148112	3 X 400 V ~	2x11	2x15	2x25.5	58	11.5	10	100	80	350
2NKVE 20/9 T MCE 400-50	60148113	3 X 400 V ~	2x11	2x15	2x25.5	58	13	12	100	80	352
2NKVE 20/10 T MCE 400-50	60148114	3 X 400 V ~	2x11	2x15	2x25.5	58	14	13	100	80	374
2NKVE 32/2 T MCE 400-50	60166808	3 x 400 V ~	2x5,5	2x7,5	2x13,1	90	4,8	4	125	100	476
2NKVE 32/3-2 T MCE 400-50	60166809	3 x 400 V ~	2x5,5	2x7,5	2x13,1	90	6,0	5	125	100	484
2NKVE 32/3 T MCE 400-50	60166810	3 x 400 V ~	2x7,5	2x10	2x17,6	90	7,3	6	125	100	506
2NKVE 32/4 T MCE 400-50	60166811	3 x 400 V ~	2x11	2x15	2x25,5	90	9,8	8	125	100	616
2NKVE 32/5-2 T MCE 400-50	60166812	3 x 400 V ~	2x11	2x15	2x25,5	90	10,9	9	125	100	624
2NKVE 32/5 T MCE 400-50	60166813	3 x 400 V ~	2x15	2x20	2x34	90	12,2	10	125	100	652
2NKVE 32/6 T MCE 400-50	60166814	3 x 400 V ~	2x15	2x20	2x34	90	14,6	12	125	100	660
2NKVE 45/2-2 T MCE 400-50	60166815	3 x 400 V ~	2x5,5	2x7,5	2x13,1	140	3,8	3	150	125	488
2NKVE 45/2 T MCE 400-50	60166816	3 x 400 V ~	2x7,5	2x10	2x17,6	140	4,8	4	150	125	510
2NKVE 45/3 T MCE 400-50	60166817	3 x 400 V ~	2x11	2x15	2x25,5	140	7,3	6,5	150	125	620
2NKVE 45/4 T MCE 400-50	60166818	3 x 400 V ~	2x15	2x20	2x34	140	9,7	8,5	150	125	656

2/3/4 NKVE 10 - 15 - 20 - 32 - 45 MCE/P

SETS WITH MCE/P AT CONSTANT PRESSURE

TECHNICAL DATA - 3 NKVE 10-15-20- 32-45 MCE/P

MODEL	CODE	ELECTRICAL DATA				FLOW RATE m3/h	MAX PRESSURE OBTAINABLE BAR	STANDARD PRESSURE	DNA	DNM	WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		In A						
			kW	HP							
3NKVE 10/5 T MCE 400-50	60148118	3 X 400 V ~	3x2.2	3x3	3x4.9	39	5	4.0	80	80	425
3NKVE 10/6 T MCE 400-50	60148119	3 X 400 V ~	3x2.2	3x3	3x5.4	39	6	5.0	80	80	428
3NKVE 10/7 T MCE 400-50	60148120	3 X 400 V ~	3x3	3x4	3x7.37	39	7	6	80	80	468
3NKVE 10/8 T MCE 400-50	60148121	3 X 400 V ~	3x3	3x4	3x7.37	39	8	6.5	80	80	471
3NKVE 10/9 T MCE 400-50	60148122	3 X 400 V ~	3x3	3x4	3x7.37	39	9	7.7	80	80	473
3NKVE 10/10 T MCE 400-50	60148123	3 X 400 V ~	3x4	3x5.5	3x10.1	39	10	8.5	80	80	503
3NKVE 10/12 T MCE 400-50	60148124	3 X 400 V ~	3x4	2x5.5	3x10.1	39	12	10	80	80	508
3NKVE 10/14 T MCE 400-50	60148125	3 X 400 V ~	3x5.5	3x7.5	3x13.1	39	14	10	80	80	593
3NKVE 15/3 T MCE 400-50	60148126	3 X 400 V ~	3x3	3x4	3x7.37	72	4	3.5	125	100	486
3NKVE 15/4 T MCE 400-50	60148127	3 X 400 V ~	3x4	3x5.5	3x10.1	72	5	4	125	100	516
3NKVE 15/5 T MCE 400-50	60148128	3 X 400 V ~	3x4	3x5.5	3x10.1	72	6.5	5	125	100	520
3NKVE 15/6 T MCE 400-50	60148129	3 X 400 V ~	3x5.5	3x7.5	3X13.1	72	7.5	6.5	125	100	605
3NKVE 15/7 T MCE 400-50	60148130	3 X 400 V ~	3x5.5	3x7.5	3x13.1	72	9	8	125	100	608
3NKVE 15/8 T MCE 400-50	60148131	3 X 400 V ~	3x7.5	3x10	3x17.6	72	11	10	125	100	645
3NKVE 15/9 T MCE 400-50	60148132	3 X 400 V ~	3x7.5	3x10	3x17.6	72	12	11	125	100	649
3NKVE 15/10 T MCE 400-50	60148133	3 X 400 V ~	3x11	3x15	3x25.5	72	13	12	125	100	818
3NKVE 20/3 T MCE 400-50	60148134	3 X 400 V ~	3x4	3x5.5	3x10.1	87	4	3.5	125	100	471
3NKVE 20/4 T MCE 400-50	60148135	3 X 400 V ~	3x5.5	3x7.5	3x13.1	87	6	5	125	100	513
3NKVE 20/5 T MCE 400-50	60148136	3 X 400 V ~	3x5.5	3x7.5	3x13.1	87	7	6	125	100	519
3NKVE 20/6 T MCE 400-50	60148137	3 X 400 V ~	3x7.5	3x10	3x17.6	87	8.5	7.5	125	100	556
3NKVE 20/7 T MCE 400-50	60148138	3 X 400 V ~	3x7.5	3x10	3x17.6	87	10	9	125	100	559
3NKVE 20/8 T MCE 400-50	60148139	3 X 400 V ~	3x11	3x15	3x25.5	87	11.5	10	125	100	655
3NKVE 20/9 T MCE 400-50	60148140	3 X 400 V ~	3x11	3x15	3x25.5	87	13	12	125	100	658
3NKVE 20/10 T MCE 400-5	60148141	3 X 400 V ~	3x11	3x15	3x25.5	87	14	13	125	100	691
3NKVE 32/2 T MCE 400-50	60166819	3 x 400 V ~	3x5,5	3x7,5	3x13,1	135	4,8	4	150	125	714
3NKVE 32/3-2 T MCE 400-50	60166820	3 x 400 V ~	3x5,5	3x7,5	3x13,1	135	6,0	5	150	125	726
3NKVE 32/3 T MCE 400-50	60166821	3 x 400 V ~	3x7,5	3x10	3x17,6	135	7,3	6	150	125	759
3NKVE 32/4 T MCE 400-50	60166822	3 x 400 V ~	3x11	3x15	3x25,5	135	9,8	8	150	125	924
3NKVE 32/5-2 T MCE 400-50	60166823	3 x 400 V ~	3x11	3x15	3x25,5	135	10,9	9	150	125	936
3NKVE 32/5 T MCE 400-50	60166824	3 x 400 V ~	3x15	3x20	2x34	135	12,2	10	150	125	978
3NKVE 32/6 T MCE 400-50	60166825	3 x 400 V ~	3x15	3x20	3x34	135	14,6	12	150	125	990
3NKVE 45/2-2 T MCE 400-50	60166826	3 x 400 V ~	3x5,5	3x7,5	3x13,1	210	3,8	3	200	150	732
3NKVE 45/2 T MCE 400-50	60166827	3 x 400 V ~	3x7,5	3x10	3x17,6	210	4,8	4	200	150	765
3NKVE 45/3 T MCE 400-50	60166828	3 x 400 V ~	3x11	3x15	3x25,5	210	7,3	6,5	200	150	930
3NKVE 45/4 T MCE 400-50	60166829	3 x 400 V ~	3x15	3x20	3x34	210	9,7	8,5	200	150	984

2/3/4 NKVE 10 - 15 - 20 - 32 - 45 MCE/P

SETS WITH MCE/P AT CONSTANT PRESSURE

TECHNICAL DATA - 4 NKVE 10-15-20- 32-45 MCE/P

MODEL	CODE	ELECTRICAL DATA				FLOW RATE m3/h	MAX PRESSURE OBTAINABLE BAR	STANDARD PRESSURE	DNA	DNM
		VOLTAGE 50 Hz	P2 NOMINAL		In A					
			kW	HP						
4NKVE 10/5 T MCE 400-50	60163261	3X 400V	4x 2,2	4x3	4x4,9	52	5	4	100	80
4NKVE 10/6 T MCE 400-50	60163262	3X 400V	4x 2,2	4x3	4x5,4	52	6	5	100	80
4NKVE 10/7 T MCE 400-50	60163263	3X 400V	4x3	4x4	4x7,37	52	7	6	100	80
4NKVE 10/8 T MCE 400-50	60163264	3X 400V	4x3	4x4	4x7,37	52	8	6,5	100	80
4NKVE 10/9 T MCE 400-50	60163265	3X 400V	4x3	4x4	4x7,37	52	9	7,7	100	80
4NKVE 10/10 T MCE 400-50	60163266	3X 400V	4x4	4x5,5	4x10,1	52	10	8,5	100	80
4NKVE 10/12 T MCE 400-50	60163267	3X 400V	4x4	4x5,5	4x10,1	52	12	10	100	80
4NKVE 15/3 T MCE 400-50	60163268	3X 400V	4x3	4x4	4x7,37	96	4	3,5	150	125
4NKVE 15/4 T MCE 400-50	60163269	3X 400V	4x4	4x5,5	4x10,1	96	5	4	150	125
4NKVE 15/5 T MCE 400-50	60163270	3X 400V	4x4	4x5,5	4x10,1	96	6,5	5	150	125
4NKVE 15/6 T MCE 400-50	60163271	3X 400V	4x5,5	4x7,5	4x13,1	96	7,5	6,5	150	125
4NKVE 15/7 T MCE 400-50	60163272	3X 400V	4x5,5	4x7,5	4x13,1	96	9	8	150	125
4NKVE 15/8 T MCE 400-50	60163273	3X 400V	4x7,5	4x10	4x17,6	96	11	10	150	125
4NKVE 15/9 T MCE 400-50	60163274	3X 400V	4x7,5	4x10	4x17,6	96	12	11	150	125
4NKVE 15/10 T MCE 400-50	60163275	3X 400V	4x11	4x15	4x25,5	96	13	12	150	125
4NKVE 20/3 T MCE 400-50	60163276	3X 400V	4x4	4x5,5	4x10,1	116	4	3,5	150	125
4NKVE 20/4 T MCE 400-50	60163277	3X 400V	4x5,5	4x7,5	4x13,1	116	6	5	150	125
4NKVE 20/5 T MCE 400-50	60163278	3X 400V	4x5,5	4x7,5	4x13,1	116	7	6	150	125
4NKVE 20/6 T MCE 400-50	60163279	3X 400V	4x7,5	4x10	4x17,6	116	8,5	7,5	150	125
4NKVE 20/7 T MCE 400-50	60163280	3X 400V	4x7,5	4x10	4x17,6	116	10	9	150	125
4NKVE 20/8 T MCE 400-50	60163281	3X 400V	4x11	4x15	4x25,5	116	11,5	10	150	125
4NKVE 20/9 T MCE 400-50	60163282	3X 400V	4x11	4x15	4x25,5	116	13	12	150	125
4NKVE 20/10 T MCE 400-50	60163283	3X 400V	4x11	4x15	4x25,5	116	14	13	150	125
4NKVE 32/2 T MCE 400-50	60166830	3 x 400 V ~	4x5,5	4x7,5	4x13,1	180	4,8	4	200	150
4NKVE 32/3-2 T MCE 400-50	60166831	3 x 400 V ~	4x5,5	4x7,5	4x13,1	180	6,0	5	200	150
4NKVE 32/3 T MCE 400-50	60166832	3 x 400 V ~	4x7,5	4x10	4x17,6	180	7,3	6	200	150
4NKVE 32/4 T MCE 400-50	60166833	3 x 400 V ~	4x11	4x15	4x25,5	180	9,8	8	200	150
4NKVE 32/5-2 T MCE 400-50	60166834	3 x 400 V ~	4x11	4x15	4x25,5	180	10,9	9	200	150
4NKVE 32/5 T MCE 400-50	60166835	3 x 400 V ~	4x15	4x20	4x34	180	12,2	10	200	150
4NKVE 32/6 T MCE 400-50	60166836	3 x 400 V ~	4x15	4x20	4x34	180	14,6	12	200	150
4NKVE 45/2-2 T MCE 400-50	60166837	3 x 400 V ~	4x5,5	4x7,5	4x13,1	280	3,8	3	250	200
4NKVE 45/2 T MCE 400-50	60166838	3 x 400 V ~	4x7,5	4x10	4x17,6	280	4,8	4	250	200
4NKVE 45/3 T MCE 400-50	60166839	3 x 400 V ~	4x11	4x15	4x25,5	280	7,3	6,5	250	200
4NKVE 45/4 T MCE 400-50	60166840	3 x 400 V ~	4x15	4x20	4x34	280	9,7	8,5	250	200

ENERGY EFFICIENCY IE3 from 0,75 kW

2 JET
SETS WITH 2 SELF-PRIMING PUMPS

Booster sets with 2 self-priming JET pumps complete with base, suction and delivery manifold and 2 membrane vessels.

ELECTRICAL PANEL
Automatic inverter for exchanging the order of pump starting at each start-up.
Main switch. Float or pressure switch can be inserted as protection against operation without water.
Low voltage auxiliary circuit complete with transformer and fuse.

The units are supplied with tanks and air feeder connection.

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA		Ø		WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		Q m^3/h	H m	A	M	
			kW X2	HP X 2					
2 JET 102 M	500121140	1 X 230 V ~	0,75	1	0,6-7,2	47-25,8	2"	1"½	71
2 JET 112 M	500121150	1 X 230 V ~	1	1,36	0,4-7	57-29	2"	1"½	101
2 JET 132 M	500121160	1 X 230 V ~	1	1,36	0,6-9,6	45,6-27,2	2"	1"½	109
2 JET 151 M	500121060	1 X 230 V ~	1,1	1,5	0,6-9	58-38	2"	1"½	101
2 JET 151 T	60179945	3 X 400 V ~	1,1	1,5	0,6-9	58-38	2"	1"½	105
2 JET 251 M	500121100	1 X 230 V ~	1,85	2,5	0,6-14,4	60-34,2	2"	1"½	75
2 JET 251 T	60179946	3 X 400 V ~	1,85	2,5	0,6-14,4	60-34,2	2"	1"½	108

The set is supplied assembled, tested, in a strong carton on a wooden pallet complete with instruction leaflet and wiring diagram.
Available on request the 3x230 V version.

ENERGY EFFICIENCY IE3 from 0,75 kW

2 EURO / 2 EUROINOX

SETS WITH 2 HORIZONTAL MULTISTAGE EURO

Booster set with 2 EURO centrifugal pumps complete with baseplate, suction and delivery manifold, 2 membrane vessels and control panel supplied complete with:
Automatic inverter for exchanging the order of pump starting at each start-up

MAIN SWITCH.
Float or pressure switch can be inserted as protection against operation without water.
Low voltage auxiliary circuit complete with transformer and fuse.

The units are supplied with tanks and with air connector

TECHNICAL DATA - 2 EURO

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA		Ø		WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		Q m^3/h	H m	A	M	
			kW X2	HP X 2					
2 EURO 40/50 M	500127150	1 X 230 V ~	0,75	1	0,6-9,6	55-19	2"	1"½	57
2 EURO 50/50 M	500127200	1 X 230 V ~	1	1,36	0,6-9,6	68-26,5	2"	1"½	56
2 EURO 50/50 T	60179947	3 X 400 V ~	1	1,36	0,6-9,6	68-26,5	2"	1"½	58
2 EURO 40/80 M	500127300	1 X 230 V ~	1	1,36	0,6-14,4	58-16	2"	1"½	56
2 EURO 40/80 T	60179949	3 X 400 V ~	1	1,36	0,6-14,4	58-16	2"	1"½	58

TECHNICAL DATA - 2 EUROINOX

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA		Ø		WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		Q m^3/h	H m	A	M	
			kW X2	HP X 2					
2 EUROINOX 40/50 M	500128150	1 X 230 V ~	0,75	1	0,6-9,6	55-19	2"	1"½	57
2 EUROINOX 50/50 M	500128200	1 X 230 V ~	1	1,36	0,6-9,6	68-26,5	2"	1"½	57
2 EUROINOX 50/50 T	60179953	3 X 400 V ~	1	1,36	0,6-9,6	68-26,5	2"	1"½	58
2 EUROINOX 40/80 M	500128300	1 X 230 V ~	1	1,36	0,6-14,4	58-16	2"	1"½	57
2 EUROINOX 40/80 T	60179954	3 X 400 V ~	1	1,36	0,6-14,4	58-16	2"	1"½	58

The set is supplied assembled, tested, in a strong carton on a wooden pallet complete with instruction leaflet and wiring diagram.
Available on request the 3x230 V version.

C1

ENERGY EFFICIENCY IE3 from 0,75 kW

2 K

SETS WITH CENTRIFUGAL PUMPS TWIN IMPELLER

Booster sets with 2 twin impeller centrifugal K pumps complete with base, suction and delivery manifold and 2 membrane vessels.

ELECTRICAL PANEL
Automatic inverter for exchanging the order of pump starting at each start-up. Main switch.

Float or pressure switch can be inserted as protection against operation without water. Low voltage auxiliary circuit complete with transformer and fuse.

The units are supplied with tanks and air feeder connection.

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA		Ø		WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		Q m^3/h	H m	A	M	
			kW X 2	HP X 2					
2 K35/40 M	500124020	1 X 230 V ~	0,75	1	1,2-11	41,5-16	2"	1"½	64
2 K45/50 M	500124040	1 X 230 V ~	1,1	1,5	1,2-13,2	49-25	2"	1"½	80
2 K45/50 T	60179955	3 X 400 V ~	1,1	1,5	1,2-13,2	49-25	2"	1"½	80
2 K55/50 M	500124060	1 X 230 V ~	1,85	2,5	2-12,0	58-34	2"	1"½	80
2 K55/50 T	60179956	3 X 400 V ~	1,85	2,5	2-12,0	58-34	2"	1"½	80
2 K55/100 T	60179957	3 X 400 V ~	2,2	3	1,8-19,2	60-36	2"	1"½	130
2 K66/100 T	60179958	3 X 400 V ~	3	4	1,8-19,2	71-47	2"	1"½	139
2 K90/100 T	60179959	3 X 400 V ~	4	5,5	1,8-19,2	83-58	2"	1"½	138

The set is supplied assembled, tested, in a strong carton on a wooden pallet complete with instruction leaflet and wiring diagram.

C1

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
Automatic inverter for exchanging the order of pump starting at each start. 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, cataforizzato 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.

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA		Ø		WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		Q m^3/h	H m	A	M	
			kW X 2	HP X 2					
AQUATWIN TOP 132	60162096	1 X 230 V ~	1	1,36	0,6-9,6	47,5-27,5	1"	1"½	113
AQUATWIN TOP 4050	60162095	1 X 230 V ~	0,75	1	0,6-9,6	57,6-19	1"	1"½	113
AQUATWIN TOP 4080	60151634	1 X 230 V ~	1	1,36	0,6-14,2	59-16,5	1"	1"½	115

ENERGY EFFICIENCY IE3 from 0,75 kW

1 KVC

SETS WITH 1 VERTICAL MULTISTAGE CENTRIFUGAL PUMPS

Water lifting sets specifically suitable for domestic applications and small systems for civil, agricultural or industrial uses.
The use of multistage vertical axis centrifugal pumps is a guarantee of high performance and efficiency levels.
These pumps are characterised by their compact dimensions, rugged construction, extreme reliability and very low noise operation.

Electrical section
1KVC PUMP SETS
Single-phase version.
1 bipolar pressure switch connected to the electric pump, including power supply plug.
Three-phase version.
Motor overload protection panel with reset button, 1 bipolar pressure switch connected
to the electric pump.

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA		Ø		WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		Q m^3/h	H m	DNA	DNM	
			kW	HP					
1KVC 30/50 M 230-50	60122101	1 X 230 V ~	0,55	0,75	1-4,5	40-20	1"¼	1"½	26
1KVC 75/50 M 230-50	60122105	1 X 230 V ~	1,5	2	1-4,5	92-48	1"¼	1"½	33
1KVC 75/50 T 400-50	60179963	3 X 400 V ~	1,5	2	1-4,5	92-48	1"¼	1"½	32
1KVC 30/80 M 230-50	60122106	1 X 230 V ~	0,8	1,1	2-7	43-12	1"¼	1"½	28
1KVC 55/80 M 230-50	60122109	1 X 230 V ~	1,5	2	2-7	78-29	1"¼	1"½	33
1KVC 55/80 T 400-50	60179964	3 X 400 V ~	1,5	2	2-7	78-29	1"¼	1"½	32
1KVC 65/80 T 400-50	60179965	3 X 400 V ~	2,2	3	2-7	91-36	1"¼	1"½	34
1KVC 45/120 M 230-50	60122111	1 X 230 V ~	1,85	2,5	2-11	61-24	1"¼	1"½	44
1KVC 70/120 T 400-50	60179966	3 X 400 V ~	3	4	2-11	92-40	1"¼	1"½	38
1KVC 85/120 T 400-50	60179967	3 X 400 V ~	3	4	2-11	108-46	1"¼	1"½	39

The units are supplied with tanks and air feeder connection.

ENERGY EFFICIENCY IE3 from 0,75 kW

2 KVC

SETS WITH 2 VERTICAL MULTISTAGE CENTRIFUGAL PUMPS

Water lifting sets specifically suitable for domestic applications and small systems for civil, agricultural or industrial uses.
The use of multistage vertical axis centrifugal pumps is a guarantee of high performance and efficiency levels.
These pumps are characterised by their compact dimensions, rugged construction, extreme reliability and very low noise operation.

Control panel made of impact-resistant self-extinguishing plastic with IP55 protection rating.The panel protects the electric pumps and operates them in sequence, maintaining the plant at a factoryset average pressure value. The average pressure value can be adjusted by the display located in front of the control panel.
At each operating cycle the pumps starting sequence is inverted. The pressure value is read by the pressure transmitter located on the outlet manifold.

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA		Ø		WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		Q m^3/h	H m	DNA	DNM	
			kW X2	HP X 2					
2KVC 30/50 M 230-50	60122127	1 X 230 V ~	0,55	0,75	1-9	40-20	2"	2"	70
2KVC 30/50 T 400-50	60122138	3 X 400 V ~	0,55	0,75	1-9	40-20	2"	2"	70
2KVC 65/50 M 230-50	60122130	1 X 230 V ~	1,1	1,5	1-9	80-41	2"	2"	82
2KVC 65/50 T 400-50	60179969	3 X 400 V ~	1,1	1,5	1-9	80-41	2"	2"	81
2KVC 30/80 M 230-50	60122132	1 X 230 V ~	0,8	1,1	2-14	43-12	2"	2"	73
2KVC 30/80 T 400-50	60179970	3 X 400 V ~	0,8	1,1	2-14	43-12	2"	2"	73
2KVC 40/80 M 230-50	60122133	1 X 230 V ~	1	1,36	2-14	54-18	2"	2"	76
2KVC 40/80 T 400-50	60179971	3 X 400 V ~	1	1,36	2-14	54-18	2"	2"	76
2KVC 45/80 M 230-50	60122134	1 X 230 V ~	1,1	1,5	2-14	66-23	2"	2"	82
2KVC 45/80 T 400-50	60179972	3 X 400 V ~	1,1	1,5	2-14	66-23	2"	2"	82
2KVC 55/80 M 230-50	60122135	1 X 230 V ~	1,5	2	2-14	78-29	2"	2"	84
2KVC 55/80 T 400-50	60179973	3 X 400 V ~	1,5	2	2-14	78-29	2"	2"	82
2KVC 65/80 T 400-50	60179974	3 X 400 V ~	2,2	3	2-14	91-36	2"	2"	85
2KVC 35/120 M 230-50	60122136	1 X 230 V ~	1,1	1,5	2-22	46-17	2"	2"	82
2KVC 35/120 T 400-50	60179975	3 X 400 V ~	1,1	1,5	2-22	46-17	2"	2"	82
2KVC 45/120 M 230-50	60122137	1 X 230 V ~	1,85	2,5	2-22	61-24	2"	2"	86
2KVC 45/120 T 400-50	60179976	3 X 400 V ~	1,85	2,5	2-22	61-24	2"	2"	86
2KVC 60/120 T 400-50	60179977	3 X 400 V ~	2,2	3	2-22	77-33	2"	2"	90
2KVC 70/120 T 400-50	60179978	3 X 400 V ~	3	4	2-22	92-40	2"	2"	94
2KVC 85/120 T 400-50	60179979	3 X 400 V ~	3	4	2-22	108-46	2"	2"	95

The units are supplied with tanks and air feeder connection.

ENERGY EFFICIENCY IE3 from 0,75 kW

3 KVC

SETS WITH 3 VERTICAL MULTISTAGE CENTRIFUGAL PUMPS

Water lifting sets specifically suitable for domestic applications and small systems for civil, agricultural or industrial uses.
The use of multistage vertical axis centrifugal pumps is a guarantee of high performance and efficiency levels.
These pumps are characterised by their compact dimensions, rugged construction, extreme reliability and very low noise operation.
Control panel in impact-resistant self-extinguishing plastic with IP 55 protection rating. The control panel enclosure houses the main power switch, thermal magnetic cut-outs to protect the electric pumps, electric pump starting sequence changeover system, low voltage 24V control circuit, MAN-0-AUT selectors, (start pushbuttons for single-phase version panel), indicator lights on front panel.
Installed on specifically designed column mounted on pumps skid.
3 preset pressure switches for pumps starting / stopping.
The control panel of 2KVC and 3KVC pump sets is prearrange for connection of:
Pressure switch or float switch kit to protect against dry running (*)
Overpressure cut-out pressure switch kit (*)
(*) Optional items available on request
The pump sets are supplied in a strong carton on a wooden pallet complete with installation/maintenance instructions and wiring diagram.

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA		Ø		WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		Q m^3/h	H m	DNA	DNM	
			kW X 3	HP X 3					
3KVC 45/80 T 400-50	60179981	3 X 400 V ~	1,1	1,5	2-21	66-23	2"½	2"½	128
3KVC 65/80 T 400-50	60179982	3 X 400 V ~	2,2	3	2-21	91-36	2"½	2"½	133
3KVC 45/120 M 230-50	60122163	1 X 230 V ~	1,85	2,5	2-33	61-24	2"½	2"½	134
3KVC 45/120 T 400-50	60179983	3 X 400 V ~	1,85	2,5	2-33	61-24	2"½	2"½	134
3KVC 60/120 T 400-50	60179984	3 X 400 V ~	2,2	3	2-33	77-33	2"½	2"½	140
3KVC 70/120 T 400-50	60179985	3 X 400 V ~	3	4	2-33	92-40	2"½	2"½	146
3KVC 85/120 T 400-50	60179986	3 X 400 V ~	3	4	2-33	108-46	2"½	2"½	148

The units are supplied with tanks and air feeder connection.

ENERGY EFFICIENCY IE3 from 0,75 kW

1 KV 3- 6 -10

SETS WITH 1 VERTICAL MULTISTAGE PUMPS

HYDRAULIC PART

Sets with one pump One multistage KV 3-6-10 type vertical electropump, a membrane vessel suitable for applications in the food sector, a radial pressure gauge, threaded manifolds in galvanised steel, check valve on the suction side and ball valves on the suction and delivery side, gauge holder cock for the control gauge and anti-vibration flexible pipe.

ELECTRICAL PART

Sets with one pump - single-phase version – one two-poles pressure switch connected to the motor, complete with power cable and electric plug.

Three-phase version: overload cutout panel with rearm push button, complete with terminal board for connection to the power line, 1 pressure switch connected to the overload cutout panel.

TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA		Ø		WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		Q m^3/h	H m	DNA	DNM	
			kW	HP					
1 KV3/10 M	500310100	1 X 230 V ~	1,1	1,5	1,8-7,2	73,5-15,5	1" ¼	1" ½	39
1 KV3/12 M	500310120	1 X 230 V ~	1,5	2	1,8-7,2	92-29	1" ¼	1" ½	40
1 KV6/9 M	500310290	1 X 230 V ~	1,5	2	2-8,5	74-22	1" ¼	1" ½	40
1 KV3/10 T	60179990	3 X 400 V ~	1,1	1,5	1,8-7,2	77-24	1" ¼	1" ½	39
1 KV3/12 T	60179991	3 X 400 V ~	1,5	2	1,8-7,2	92-29	1" ¼	1" ½	40
1 KV6/7 T	60179992	3 X 400 V ~	1,1	1,5	2-8,5	55-17	1" ¼	1" ½	37
1 KV6/9 T	60179993	3 X 400 V ~	1,5	2	2-8,5	74-22	1" ¼	1" ½	40
1 KV6/11 T	60179995	3 X 400 V ~	1,85	2,5	2-8,5	90-27	1" ¼	1" ½	38
1 KV10/8 T	60179997	3 X 400 V ~	2,2	3	3-13,5	73,5-28	1" ¼	1" ½	43

ENERGY EFFICIENCY IE3 from 0,75 kW

2/3 KV 3- 6 -10

SETS WITH 2 -3 VERTICAL MULTISTAGE PUMPS

HYDRAULIC PART

Sets with 2 or 3 multistage KV 3-6-10 type vertical electropumps, a membrane vessel suitable for applications in the food sector, a radial pressure gauge, threaded manifolds in galvanised steel, check valve on the suction side and ball valves on the suction and delivery side, gauge holder cock for the control gauge and anti-vibration flexible pipe.

ELECTRICAL PART

Sets with 2 or 3 - single-phase version – one two-poles pressure switch connected to the motor, complete with power cable and electric plug.

Three-phase version: overload cutout panel with rearm push button, complete with terminal board for connection to the power line, 1 pressure switch connected to the overload cutout panel.

TECHNICAL DATA - 2 KV

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA		Ø		WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		Q m^3/h	H m			
			kW x 2	HP x 2			DNA	DNM	
2 KV6/9 M	500320292	1 X 230 V ~	1,5	2	2-8,5	74-22	2"	2"	108
2 KV10/5 M	500320452	1 X 230 V ~	1,5	2	3-13,5	46-17,5	2" ½	2" ½	108
2 KV3/15 T	60180000	3 X 400 V ~	1,85	2,5	1,8-7	115,5-36	2"	2"	110
2 KV3/18 T	60180001	3 X 400 V ~	2,2	3	1,8-7	139-43	2"	2"	122
2 KV6/7 T	60180002	3 X 400 V ~	1,1	1,5	2-8,5	55-17	2"	2"	100
2 KV6/9 T	60180003	3 X 400 V ~	1,5	2	2-8,5	74-22	2"	2"	102
2 KV6/11 T	60180004	3 X 400 V ~	1,85	2,5	2-8,5	90-27	2"	2"	108
2 KV6/15 T	60180005	3 X 400 V ~	2,2	3	2-8,5	123-37	2"	2"	128
2 KV10/6 T	60180006	3 X 400 V ~	1,85	2,5	3-13,5	55-21	2" ½	2" ½	108
2 KV10/8 T	60180007	3 X 400 V ~	2,2	3	3-13,5	73,5-28	2" ½	2" ½	114

TECHNICAL DATA - 3 KV

MODEL	CODE	ELECTRICAL DATA			HYDRAULIC DATA		Ø		WEIGHT Kg
		VOLTAGE 50 Hz	P2 NOMINAL		Q m^3/h	H m			
			kW x 3	HP x 3			DNA	DNM	
3 KV3/15 T	60180008	3 X 400 V ~	1,85	2,5	1,8-7	115,5-36	2" ½	2" ½	168
3 KV3/18 T	60180009	3 X 400 V ~	2,2	3	1,8-7	139-43	2" ½	2" ½	183
3 KV6/11 T	60180010	3 X 400 V ~	1,85	2,5	2-8,5	90-27	2" ½	2" ½	170
3 KV6/15 T	60180011	3 X 400 V ~	2,2	3	2-8,5	123-37	2" ½	2" ½	177
3 KV10/6 T	60180012	3 X 400 V ~	1,85	2,5	3-13,5	55-21	DN80	DN80	210
3 KV10/8 T	60180013	3 X 400 V ~	2,2	3	3-13,5	73,5-28	DN80	DN80	225

ENERGY EFFICIENCY IE3 from 0,75 kW

1 / 2 / 3 / 4 NKV

SETS WITH 1-2-3-4 VERTICAL AXIS MULTISTAGE CENTRIFUGAL PUMPS

CE

CONSTRUCTION FEATURES for 1-2-3 pumps sets

- Sets composed of N. 1-2-3 main vertical axis multistage centrifugal pumps type NKV
- AISI 304 stainless steel impellers, all parts in contact with the liquid are stainless
- Asynchronous three-phase motor, motor-pump connection with rigid coupling.
- Pump body in cast iron, impeller in technopolymer, pump shaft in stainless steel,carbon/ ceramic mechanical seal. Three-phase asynchronous motor.
- Pumps mounted to a single skid in galvanized steel.
- Available also with KV 3 jockey pump.

HYDRAULIC SECTION OF PUMP SET

Suction manifold Inox, discharge manifold, pressure transducer, electrical control panel, n. 1-2-3 expansion vessels each of 20 litre capacity. Suction port of each pump equipped with isolator valve; Discharge port of each pump equipped with isolator and check valve.

ELECTRICAL CONTROL PANEL

- Control panel in metal IP 54 enclosure, mounted to the electric pumps skid.

Direct starting up to 7.5 kW inclusive, start delta starting above this value. Front of control panel features AUT-0-MAN mode selectors and run indicator lights.
For information, please contact our sales network.

MODELS 1/2/3/4 NKV

MODEL	CODE
1NKV 10/5 T	60180242
1NKV 10/6 T	60180243
1NKV 10/7 T	60180244
1NKV 10/8 T	60180245
1NKV 10/9 T	60180249
1NKV 10/10 T	60180250
1NKV 10/12 T	60180251
1NKV 10/14 T	60180252
1NKV 15/3 T	60180253
1NKV 15/4 T	60180254
1NKV 15/5 T	60180255
1NKV 15/6 T	60180256
1NKV 15/7 T	60180257
1NKV 15/8 T	60169613
1NKV 15/9 T	60169614
1NKV 15/10 T	60169615
1NKV 20/3 T	60180258
1NKV 20/4 T	60180259
1NKV 20/5 T	60180260
1NKV 20/6 T	60169616
1NKV 20/7 T	60169617
1NKV 20/8 T	60169618
1NKV 20/9 T	60169620
1NKV 20/10 T	60169623
1NKV 32/2-2 T	60180261
1NKV 32/2 T	60180262
1NKV 32/3-2 T	60180263
1NKV 32/3 T	60169626
1NKV 32/4-2 T	60169628
1NKV 32/4 T	60169629
1NKV 32/5-2 T	60169630
1NKV 32/5 T	60169662
1NKV 32/6-2 T	60169664
1NKV 32/6 T	60169665
1NKV 45/2-2 T	60180264
1NKV 45/2 T	60169666
1NKV 45/3-2 T	60169667
1NKV 45/3 T	60169668
1NKV 45/4-2 T	60169669
1NKV 45/4 T	60169670
1NKV 45/5-2 T	60169671
1NKV 45/5 T	60169672
1NKV 45/6-2 T	60169673
1NKV 45/6 T	60169675

MODEL	CODE
2NKV 10/5 T	60180265
2NKV 10/6 T	60180266
2NKV 10/7 T	60180267
2NKV 10/8 T	60180268
2NKV 10/9 T	60180269
2NKV 10/10 T	60180270
2NKV 10/12 T	60180271
2NKV 10/14 T	60180272
2NKV 15/3 T	60180273
2NKV 15/4 T	60180274
2NKV 15/5 T	60180275
2NKV 15/6 T	60180276
2NKV 15/7 T	60180277
2NKV 15/8 T	60169709
2NKV 15/9 T	60169710
2NKV 15/10 T	60169711
2NKV 20/3 T	60180278
2NKV 20/4 T	60180279
2NKV 20/5 T	60180280
2NKV 20/6 T	60169722
2NKV 20/7 T	60169724
2NKV 20/8 T	60169725
2NKV 20/9 T	60169726
2NKV 20/10 T	60169727
2NKV 32/2-2 T	60180281
2NKV 32/2 T	60180282
2NKV 32/3-2 T	60180283
2NKV 32/3 T	60169728
2NKV 32/4-2 T	60169729
2NKV 32/4 T	60169730
2NKV 32/5-2 T	60169731
2NKV 32/5 T	60169732
2NKV 32/6-2 T	60169733
2NKV 32/6 T	60169734
2NKV 45/2-2 T	60180284
2NKV 45/2 T	60169735
2NKV 45/3-2 T	60169736
2NKV 45/3 T	60169737
2NKV 45/4-2 T	60169738
2NKV 45/4 T	60169739
2NKV 45/5-2 T	60169740
2NKV 45/5 T	60169741
2NKV 45/6-2 T	60169743
2NKV 45/6 T	60169744

MODEL	CODE
3NKV 10/5 T	60180285
3NKV 10/6 T	60180286
3NKV 10/7 T	60180287
3NKV 10/8 T	60180288
3NKV 10/9 T	60180289
3NKV 10/10 T	60180290
3NKV 10/12 T	60180291
3NKV 10/14 T	60180292
3NKV 15/3 T	60180293
3NKV 15/4 T	60180294
3NKV 15/5 T	60180295
3NKV 15/6 T	60180296
3NKV 15/7 T	60180297
3NKV 15/8 T	60169770
3NKV 15/9 T	60169771
3NKV 15/10 T	60169776
3NKV 20/3 T	60180298
3NKV 20/4 T	60180299
3NKV 20/5 T	60180300
3NKV 20/6 T	60169778
3NKV 20/7 T	60169779
3NKV 20/8 T	60169780
3NKV 20/9 T	60169781
3NKV 20/10 T	60169782
3NKV 32/2-2 T	60180301
3NKV 32/2 T	60180302
3NKV 32/3-2 T	60180303
3NKV 32/3 T	60169783
3NKV 32/4-2 T	60169784
3NKV 32/4 T	60169785
3NKV 32/5-2 T	60169786
3NKV 32/5 T	60169787
3NKV 32/6-2 T	60169788
3NKV 32/6 T	60169789
3NKV 45/2-2 T	60180304
3NKV 45/2 T	60169790
3NKV 45/3-2 T	60169792
3NKV 45/3 T	60169793
3NKV 45/4-2 T	60169794
3NKV 45/4 T	60169795
3NKV 45/5-2 T	60169796
3NKV 45/5 T	60169797
3NKV 45/6-2 T	60169798
3NKV 45/6 T	60169799

MODEL	CODE
4NKV 10/5 T	60180306
4NKV 10/6 T	60180307
4NKV 10/7 T	60180308
4NKV 10/8 T	60180311
4NKV 10/9 T	60180314
4NKV 10/10 T	60180315
4NKV 10/12 T	60180316
4NKV 15/3 T	60180317
4NKV 15/4 T	60180318
4NKV 15/5 T	60180319
4NKV 15/6 T	60180320
4NKV 15/7 T	60180322
4NKV 15/8 T	60169829
4NKV 15/9 T	60169827
4NKV 15/10 T	60169828
4NKV 20/3 T	60180324
4NKV 20/4 T	60180325
4NKV 20/5 T	60180326
4NKV 20/6 T	60169832
4NKV 20/7 T	60169833
4NKV 20/8 T	60169834
4NKV 20/9 T	60169835
4NKV 20/10 T	60169836
4NKV 32/2-2 T	60180329
4NKV 32/2 T	60180330
4NKV 32/3-2 T	60180331
4NKV 32/3 T	60169830
4NKV 32/4-2 T	60169831
4NKV 32/4 T	60169837
4NKV 32/5-2 T	60169838
4NKV 32/5 T	60169839
4NKV 32/6-2 T	60169840
4NKV 32/6 T	60169841
4NKV 45/2-2 T	60180332
4NKV 45/2 T	60169842
4NKV 45/3-2 T	60169843
4NKV 45/3 T	60169844
4NKV 45/4-2 T	60169845
4NKV 45/4 T	60169846
4NKV 45/5-2 T	60169847
4NKV 45/5 T	60169848
4NKV 45/6-2 T	60169849
4NKV 45/6 T	60169850

DAB WATER•TECHNOLOGY

ENERGY EFFICIENCY IE3 from 0,75 kW

2 NKV 15/20 WITH E.BOX

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 multistage 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
E-box IP 54 switchboard mounted on the crankcase pumps. Direct start up to 5.5 kw including, front panel switches for AUT-0-MAN operation, warning lights.

2 NKV 15/20 WITH E.BOX

MODEL	CODE	ELECTRICAL DATA				Ø		WEIGHT Kg
		VOLTAGE	P2 NOMINAL		In A	DNA	DNM	
			kW	HP				
2NKV 10/5 T E.BOX 400/50	60180333	3 x 400 50Hz	2x2,2	2x3	2x4,7	2" 1/2	2" 1/2	238
2NKV 10/6 T E.BOX 400/50	60180334	3 x 400 50Hz	2x2,2	2x3	2x4,7	2" 1/2	2" 1/2	239
2NKV 10/7 T E.BOX 400/50	60180335	3 x 400 50Hz	2x3	2x4	2x5,8	2" 1/2	2" 1/2	259
2NKV 10/8 T E.BOX 400/50	60180336	3 x 400 50Hz	2x3	2x4	2x5,8	2" 1/2	2" 1/2	261
2NKV 10/9 T E.BOX 400/50	60180337	3 x 400 50Hz	2x3	2x4	2x5,8	2" 1/2	2" 1/2	263
2NKV 10/10 T E.BOX 400/50	60180338	3 x 400 50Hz	2x4	2x5,5	2x7,6	2" 1/2	2" 1/2	282
2NKV 10/12 T E.BOX 400/50	60180339	3 x 400 50Hz	2x4	2x5,5	2x7,6	2" 1/2	2" 1/2	286
2NKV 10/14 T E.BOX 400/50	60180340	3 x 400 50Hz	2x5,5	2x7,5	2x11	2" 1/2	2" 1/2	342
2NKV 15/3 T E.BOX 400/50	60180341	3 x 400 50Hz	2x3	2x4	2x5.8	100	80	276
2NKV 15/4 T E.BOX 400/50	60180342	3 x 400 50Hz	2x4	2x5.5	2x7.6	100	80	280
2NKV 15/5 T E.BOX 400/50	60180343	3 x 400 50Hz	2x4	2x5.5	2x7.6	100	80	285
2NKV 15/6 T E.BOX 400/50	60180344	3 x 400 50Hz	2x5.5	2x7.5	2x11	100	80	374
2NKV 15/7 T E.BOX 400/50	60180345	3 x 400 50Hz	2x.5.5	2x7.5	2x11	100	80	377
2NKV 20/3 T E.BOX 400/50	60480346	3 x 400 50Hz	2x4	2x5.5	2x7.6	100	80	284
2NKV 20/4 T E.BOX 400/50	60180348	3 x 400 50Hz	2x5.5	2x7.5	2x11	100	80	364
2NKV 20/5 T E.BOX 400/50	60180349	3 x 400 50Hz	2x5.5	2x7.5	2x11	100	80	366

ENERGY EFFICIENCY IE3 from 0,75 kW

1/2/3 NKP-G / K

SETS WITH CENTRIFUGAL PUMPS K - NKP-G

Water lifting sets suitable for civilian installation, condominius, hotels, tourist facilities and industrial uses. Lifting units equipped with 1-2-3 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 non return valve on delivery side for each pump. 1 - 2 or 3 20 liters membran tanks; pressure trasmiter (pressure switch for 2-3 K 55/200) and pressure gauge on delivery manifold.
Electrical panel: IP 55, 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

TECHNICAL DATA - 1 K - 1NKP-G

1 CENTRIFUGAL PUMP

MODEL	CODE
1K 70/300 400-50	60180350
1K 80/300 400-50	60169853
1K 70/400 400-50	60169854
1K 80/400 400-50	60169855
1NKP-G 32-160/151 3 400-50	60180351
1NKP-G 32-160/163 4 400-50	60180352
1NKP-G 32-200/190 5,5 400-50	60180353
1NKP-G 32-200/210 7,5 400-50	60169856
1NKP-G 40-160/158 5,5 400-50	60180354
1NKP-G 40-160/172 7,5 400-50	60169857
1NKP-G 40-200/210 11 400-50	60169858
1NKP-G 40-250/230 15 400-50	60169859
1NKP-G 40-250/245 18,5 400-50	60169860
1NKP-G 40-250/260 22 400-50	60169861
1NKP-G 50-160/153 7,5 400-50	60169862
1NKP-G 50-160/169 11 400-50	60169863
1NKP-G 50-200/200 15 400-50	60169864
1NKP-G 50-200/210 18,5 400-50	60169865
1NKP-G 50-200/219 22 400-50	60169866
1NKP-G 50-250/230 22 400-50	60169867
1NKP-G 50-250/257 30 400-50	60169868
1NKP-G 65-160/157 11 400-50	60169869
1NKP-G 65-160/173 15 400-50	60169870
1NKP-G 65-200/190 18,5 400-50	60169871
1NKP-G 65-200/200 22 400-50	60169872
1NKP-G 65-200/219 30 400-50	60169873
1NKP-G 80-160/153 15 400-50	60169874
1NKP-G 80-160/163 18,5 400-50	60169875
1NKP-G 80-160/169 22 400-50	60169876
1NKP-G 80-200/190 30 400-50	60169878

1 CENTRIFUGAL PUMP + PILOT PUMP KV

MODEL	CODE
1K 70/300-KVCX 65-50 400-50	60180355
1K 80/300-KVCX 65-50 400-50	60169879
1K 70/400-KVCX 65-80 400-50	60169880
1K 80/400-KVCX 65-80 400-50	60169881
1NKP-G 32-160/151 3-KVCX 65-50 400-50	60180356
1NKP-G 32-160/163 4-KVCX 65-50 400-50	60180357
1NKP-G 32-200/190 5,5-KVCX 65-50 400-50	60180358
1NKP-G 32-200/210 7,5-KVCX 65-50 400-50	60169882
1NKP-G 40-160/158 5,5-KVCX 65-50 400-50	60180359
1NKP-G 40-160/172 7,5-KVCX 65-50 400-50	60169883
1NKP-G 40-200/210 11-KVCX 65-80 400-50	60169884
1NKP-G 40-250/230 15-KVCX 65-80 400-50	60169885
1NKP-G 40-250/245 18,5-KVCX 65-80 400-50	60169886
1NKP-G 40-250/260 22-KVCX 65-80 400-50	60169887
1NKP-G 50-160/153 7,5-KVCX 65-50 400-50	60169888
1NKP-G 50-160/169 11-KVCX 65-80 400-50	60169889
1NKP-G 50-200/200 15-KVCX 65-80 400-50	60169890
1NKP-G 50-200/210 18,5-KVCX 65-80 400-50	60169891
1NKP-G 50-200/219 22-KVCX 65-80 400-50	60169892
1NKP-G 50-250/230 22-KVCX 65-80 400-50	60169894
1NKP-G 50-250/257 30-KVCX 65-80 400-50	60169895
1NKP-G 65-160/157 11-KVCX 65-80 400-50	60169896
1NKP-G 65-160/173 15-KVCX 65-80 400-50	60169897
1NKP-G 65-200/190 18,5-KVCX 65-80 400-50	60169898
1NKP-G 65-200/200 22-KVCX 65-80 400-50	60169899
1NKP-G 65-200/219 30-KVCX 65-80 400-50	60169901
1NKP-G 80-160/153 15-KVCX 65-80 400-50	60169902
1NKP-G 80-160/163 18,5-KVCX 65-80 400-50	60169903
1NKP-G 80-160/169 22-KVCX 65-80 400-50	60169904
1NKP-G 80-200/190 30-KVCX 65-80 400-50	60169905

TECHNICAL DATA - 2 K - 2NKP-G

2 CENTRIFUGAL PUMP

MODEL	CODE
2 K55/200 T	60180360
2 K55/200 T + PS	60180361
2K 70/300 400-50	60180362
2K 80/300 400-50	60169906
2K 70/400 400-50	60169907
2K 80/400 400-50	60169908
2NKP-G 32-160/151 3 400-50	60180363
2NKP-G 32-160/163 4 400-50	60180364
2NKP-G 32-200/190 5,5 400-50	60180365
2NKP-G 32-200/210 7,5 400-50	60169909
2NKP-G 40-160/158 5,5 400-50	60180366
2NKP-G 40-160/172 7,5 400-50	60169910
2NKP-G 40-200/210 11 400-50	60169911
2NKP-G 40-250/230 15 400-50	60169913
2NKP-G 40-250/245 18,5 400-50	60169914
2NKP-G 40-250/260 22 400-50	60169915
2NKP-G 50-160/153 7,5 400-50	60169916
2NKP-G 50-160/169 11 400-50	60169917
2NKP-G 50-200/200 15 400-50	60169918
2NKP-G 50-200/210 18,5 400-50	60169919
2NKP-G 50-200/219 22 400-50	60169920
2NKP-G 50-250/230 22 400-50	60169921
2NKP-G 50-250/257 30 400-50	60169922
2NKP-G 65-160/157 11 400-50	60169923
2NKP-G 65-160/173 15 400-50	60169924
2NKP-G 65-200/190 18,5 400-50	60169925
2NKP-G 65-200/200 22 400-50	60169926
2NKP-G 65-200/219 30 400-50	60169927
2NKP-G 80-160/153 15 400-50	60169928
2NKP-G 80-160/163 18,5 400-50	60169929
2NKP-G 80-160/169 22 400-50	60169930
2NKP-G 80-200/190 30 400-50	60169931

2 CENTRIFUGAL PUMP + PILOT PUMP KV

MODEL	CODE
2 K55/200 T (POMPA PILOTA KV 6/7 T)	60180367
2 K55/200 T (POMPA PILOTA KV 6/7 T) + PS	60180368
2K 70/300-KVCX 65-50 400-50	60180369
2K 80/300-KVCX 65-50 400-50	60169932
2K 70/400-KVCX 65-80 400-50	60169933
2K 80/400-KVCX 65-80 400-50	60169934
2NKP-G 32-160/151 3-KVCX 65-50 400-50	60180370
2NKP-G 32-160/163 4-KVCX 65-50 400-50	60180371
2NKP-G 32-200/190 5,5-KVCX 65-50 400-50	60180372
2NKP-G 32-200/210 7,5-KVCX 65-50 400-50	60169935
2NKP-G 40-160/158 5,5-KVCX 65-50 400-50	60180373
2NKP-G 40-160/172 7,5-KVCX 65-50 400-50	60169936
2NKP-G 40-200/210 11-KVCX 65-80 400-50	60169937
2NKP-G 40-250/230 15-KVCX 65-80 400-50	60169938
2NKP-G 40-250/245 18,5-KVCX 65-80 400-50	60169939
2NKP-G 40-250/260 22-KVCX 65-80 400-50	60169940
2NKP-G 50-160/153 7,5-KVCX 65-50 400-50	60169941
2NKP-G 50-160/169 11-KVCX 65-80 400-50	60169942
2NKP-G 50-200/200 15-KVCX 65-80 400-50	60169943
2NKP-G 50-200/210 18,5-KVCX 65-80 400-50	60169944
2NKP-G 50-200/219 22-KVCX 65-80 400-50	60169945
2NKP-G 50-250/230 22-KVCX 65-80 400-50	60169946
2NKP-G 50-250/257 30-KVCX 65-80 400-50	60169947
2NKP-G 65-160/157 11-KVCX 65-80 400-50	60169948
2NKP-G 65-160/173 15-KVCX 65-80 400-50	60169949
2NKP-G 65-200/190 18,5-KVCX 65-80 400-50	60169950
2NKP-G 65-200/200 22-KVCX 65-80 400-50	60169951
2NKP-G 65-200/219 30-KVCX 65-80 400-50	60169952
2NKP-G 80-160/153 15-KVCX 65-80 400-50	60169953
2NKP-G 80-160/163 18,5-KVCX 65-80 400-50	60169954
2NKP-G 80-160/169 22-KVCX 65-80 400-50	60169955
2NKP-G 80-200/190 30-KVCX 65-80 400-50	60169956

1/2/3 NKP-G / K

SETS WITH CENTRIFUGAL PUMPS K - NKP-G

TECHNICAL DATA - 3 K - 3 NKP-G

3 CENTRIFUGAL PUMP

MODEL	CODE
3 K55/200 T	60180374
3 K55/200 T + PS	60180375
3K 70/300 400-50	60180376
3K 80/300 400-50	60169957
3K 70/400 400-50	60169958
3K 80/400 400-50	60169959
3NKP-G 32-160/151 3 400-50	60180377
3NKP-G 32-160/163 4 400-50	60180378
3NKP-G 32-200/190 5,5 400-50	60180379
3NKP-G 32-200/210 7,5 400-50	60169960
3NKP-G 40-160/158 5,5 400-50	60180380
3NKP-G 40-160/172 7,5 400-50	60169961
3NKP-G 40-200/210 11 400-50	60169962
3NKP-G 40-250/230 15 400-50	60169963
3NKP-G 40-250/245 18,5 400-50	60169964
3NKP-G 40-250/260 22 400-50	60169965
3NKP-G 50-160/153 7,5 400-50	60169966
3NKP-G 50-160/169 11 400-50	60169967
3NKP-G 50-200/200 15 400-50	60169968
3NKP-G 50-200/210 18,5 400-50	60169969
3NKP-G 50-200/219 22 400-50	60169970
3NKP-G 50-250/230 22 400-50	60169972
3NKP-G 50-250/257 30 400-50	60169975
3NKP-G 65-160/157 11 400-50	60169985
3NKP-G 65-160/173 15 400-50	60169987
3NKP-G 65-200/190 18,5 400-50	60169988
3NKP-G 65-200/200 22 400-50	60169989
3NKP-G 65-200/219 30 400-50	60169990
3NKP-G 80-160/153 15 400-50	60169991
3NKP-G 80-160/163 18,5 400-50	60169992
3NKP-G 80-160/169 22 400-50	60169993
3NKP-G 80-200/190 30 400-50	60169994

3 CENTRIFUGAL PUMP + PILOT PUMP KV

MODEL	CODE
3 K55/200 T (POMPA PILOTA KV 6/7 T)	60180383
3 K55/200 T (POMPA PILOTA KV 6/7 T) + PS	60180384
3K 70/300-KVCX 65-50 400-50	60180385
3K 80/300-KVCX 65-50 400-50	60169995
3K 70/400-KVCX 65-80 400-50	60169996
3K 80/400-KVCX 65-80 400-50	60169997
3NKP-G 32-160/151 3-KVCX 65-50 400-50	60180386
3NKP-G 32-160/163 4-KVCX 65-50 400-50	60180387
3NKP-G 32-200/190 5,5 -KVCX 65-50 400-50	60180388
3NKP-G 32-200/210 7,5-KVCX 65-50 400-50	60169999
3NKP-G 40-160/158 5,5-KVCX 65-50 400-50	60180389
3NKP-G 40-160/172 7,5-KVCX 65-50 400-50	60170000
3NKP-G 40-200/210 11-KVCX 65-80 400-50	60170002
3NKP-G 40-250/230 15-KVCX 65-80 400-50	60170004
3NKP-G 40-250/245 18,5-KVCX 65-80 400-50	60170008
3NKP-G 40-250/260 22-KVCX 65-80 400-50	60170011
3NKP-G 50-160/153 7,5-KVCX 65-50 400-50	60170014
3NKP-G 50-160/169 11-KVCX 65-80 400-50	60170016
3NKP-G 50-200/200 15-KVCX 65-80 400-50	60170018
3NKP-G 50-200/210 18,5-KVCX 65-80 400-50	60170020
3NKP-G 50-200/219 22-KVCX 65-80 400-50	60170022
3NKP-G 50-250/230 22-KVCX 65-80 400-50	60170026
3NKP-G 50-250/257 30-KVCX 65-80 400-50	60170029
3NKP-G 65-160/157 11-KVCX 65-80 400-50	60170031
3NKP-G 65-160/173 15-KVCX 65-80 400-50	60170034
3NKP-G 65-200/190 18,5-KVCX 65-80 400-50	60170036
3NKP-G 65-200/200 22-KVCX 65-80 400-50	60170038
3NKP-G 65-200/219 30-KVCX 65-80 400-50	60170040
3NKP-G 80-160/153 15-KVCX 65-80 400-50	60170043
3NKP-G 80-160/163 18,5-KVCX 65-80 400-50	60170044
3NKP-G 80-160/169 22-KVCX 65-80 400-50	60170045
3NKP-G 80-200/190 30-KVCX 65-80 400-50	60170048

1 KDN COMPACT

FIRE -FIGHTING BOOSTER SETS UNI EN12845 WITH ELECTRIC PUMP AND DIESEL PUMP

NEWS

CE

Diesel and electric motor fire-fighting sets, ideal for automatic sprinkler systems and/or hydrants of commercial buildings. Designed to be coupled with each other, in order to obtain all the versions and meet all the requirements of the EN 12845 and UNI 10779 standards. The new UNI EN 12845 indicates that the sets can consist of:
- no. 1 pump with electric motor (electric pump)
- no. 1 pump with diesel engine (engine driven pump)
- no. 2 electric pumps
- no. 2 engine driven pumps
- no. 1 electric pump + no. 1 engine driven pump
- no. 1 electric pump + no. 2 engine driven pumps
- no. 3 engine driven pumps

DIESEL MODULE

ELECTRIC + JOCKEY PUMP MODULE

DAB pressurisation sets are designed to be coupled with each other (modular design), in order to obtain all the versions and meet all the requirements of the UNI EN 12845 standard.
Available set models:
- 1 KDN ..... EN , consisting of one electric pump
- 1 KDN ..... EN - Jet , consisting of 1 electric pump + jockey pump
- 1 KDN MD EN, consisting of one diesel engine driven pump
- 1 KDN MD EN - Jet, consisting of 1 diesel engine driven pump + jockey pump

In order to obtain all the versions contemplated by the standard (2 or 3 pump sets), DAB supplies as accessory a coupling kit, to be fitted between the delivery manifolds of the individual sets.

The 1KDN COMPACT range includes sets with KDN pumps with powers up to 110 kW, has a compact base, simplified hydraulic column, RAL3000 red painted manifolds.

Main components:
- KDN series standardised centrifugal pump coupled with an electric motor or diesel engine using a spacer coupling.
- Electric motor or diesel engine capable of providing the power used by the pump at a 16 metre NPSH value.
- Diesel tank included with diesel engine driven pumps, ensuring 6 hours of operation, and with collection tank for powers up to 11 kW.
- Axial suction port (eccentric diverter adaptor available as optional).
- Flanged anti-vibration coupling (diesel engine driven pump only) on the radial delivery port, with concentric diverter adaptor, with 2" priming tank connection.
- Shut-off valve and check valve assembled before the delivery manifold.
- The diesel engine driven pump version includes engine speed detection by a pick-up sensor.
- Control panel for each IP 55 pump, built in accordance with regulations, complete with general door shut-off switch, voltmeter, ammeter, revolution counter, diesel level indicator, notification led, operation and stop pushbuttons, operation test pushbuttons.
- Delivery manifold with pressure switches, by-pass circuits and manometer.
- Jet or KVCX jockey pump (if required) with 20 l expansion vessel and own electric control panel.
- Flow meter (if required) to be installed on the delivery manifold.

Each individual DAB set is supplied with inspection, control, maintenance and support plan, and declaration of conformity, in accordance with UNI EN 12845 standard.

1 KDN COMPACT

FIRE -FIGHTING BOOSTER SETS UNI EN12845 WITH ELECTRIC PUMP AND DIESEL PUMP

TECHNICAL DATA - 1 KDN PUMPS

1 KDN

MODEL	CODE	P2 (kW)
1KDN 32-160.1/161 3 T 400/50 EN12845 COMPACT	60174386	3,0
1KDN 32-160.1/169 4 T 400/50 EN12845 COMPACT	60174387	4,0
1KDN 32-160.1/177 5,5 T 400/50 EN12845 COMPACT	60174388	5,5
1KDN 32-160/177 5,5 T400/50 EN12845 COMPACT	60174389	5,5
1KDN 32-200.1/190 5,5 T 400/50 EN12845 COMPACT	60174390	5,5
1KDN 32-200.1/200 5,5 T 400/50 EN12845 COMPACT	60174391	5,5
1KDN 32-200.1/207 7,5 T 400/50 EN12845 COMPACT	60174392	7,5
1KDN 32-200/180 5,5 T 400/50 EN 12845 COMPACT	60174393	5,5
1KDN 32-200/190 7,5 T 400/50 EN12845 COMPACT	60174394	7,5
1KDN 32-200/200 7,5 T 400/50 EN12845 COMPACT	60174395	7,5
1KDN 32-200/210 11 T 400/50 EN12845 COMPACT	60174396	11,0
1KDN 32-200/219 11 T 400/50 EN12845 COMPACT	60174397	11,0
1KDN 32-250/257 15 T400/50 EN 12845 COMPACT	60176404	15,0
1KDN 40-160/161 7,5 T400/50 EN 12845 COMPACT	60174398	7,5
1KDN 40-160/177 11 T400/50 EN 12845 COMPACT	60174399	11,0
1KDN 40-200/200 11 T400/50 EN 12845 COMPACT	60174400	11,0
1KDN 40-200/219 15 T400/50 EN 12845 COMPACT	60176405	15,0
1KDN 40-250/230 15 T400/50 EN 12845 COMPACT	60176406	15,0
1KDN 40-250/240 18,5 T400/50 EN 12845 COMPACT	60176407	18,5
1KDN 40-250/260 30 T400/50 EN 12845 COMPACT	60176408	30,0
1KDN 50-160/161 11 T400/50 EN 12845 COMPACT	60176409	11,0
1KDN 50-160/177 15 T400/50 EN 12845 COMPACT	60176410	15,0
1KDN 50-200/190 15 T400/50 EN 12845 COMPACT	60176411	15,0
1KDN 50-200/210 18,5 T400/50 EN 12845 COMPACT	60176412	18,5
1KDN 50-200/219 22 T400/50 EN 12845 COMPACT	60176413	22,0
1KDN 50-250/230 22 T400/50 EN 12845 COMPACT	60176414	22,0
1KDN 50-250/250 30 T400/50 EN 12845 COMPACT	60176415	30,0
1KDN 50-250/263 37 T400/50 EN 12845 COMPACT	60176416	37,0
1KDN 65-160/153 11 T400/50 EN 12845 COMPACT	60176417	11,0
1KDN 65-200/190 18,5 T400/50 EN 12845 COMPACT	60176418	18,5
1KDN 65-200/200 22 T400/50 EN 12845 COMPACT	60176419	22,0
1KDN 65-250/230 30 T400/50 EN 12845 COMPACT	60176420	30,0
1KDN 65-250/250 37 T400/50 EN 12845 COMPACT	60176421	37,0
1KDN 65-250/263 45 T400/50 EN 12845 COMPACT	60176422	45,0
1KDN 65-315/275 55 T400/50 EN12845 COMPACT	60176423	55,0
1KDN 65-315/290 75 T400/50 EN12845 COMPACT	60176424	75,0
1KDN 65-315/305 90 T400/50 EN12845 COMPACT	60176425	90,0
1KDN 65-315/320 110 T400/50 EN12845 COMPACT	60176426	110,0
1KDN 80-160/177 30 T400/50 EN 12845 COMPACT	60176427	30,0
1KDN 80-200/200 37 T400/50 EN 12845 COMPACT	60176428	37,0
1KDN 80-250/240 55 T400/50 EN 12845 COMPACT	60176429	55,0
1KDN 80-250/260 75 T400/50 EN 12845 COMPACT	60176430	75,0
1KDN 80-250/270 90 T400/50 EN 12845 COMPACT	60176431	90,0
1KDN 100-200/200 55 T400/50 EN 12845 COMPACT	60176432	55,0
1KDN 100-200/219 75 T400/50 EN 12845 COMPACT	60176433	75,0
1KDN 100-250/240 90 T400/50 EN 12845 COMPACT	60176434	90,0
1KDN 100-250/260 110 T400/50 EN 12845 COMPACT	60176435	110,0

1 KDN + PILOT PUMP

MODEL	CODE	P2 (kW)
1KDN 32-160.1/161 3 T400/50 EN12845 COMPACT-JET	60174529	3,0
1KDN 32-160.1/169 4 T400/50 EN12845 COMPACT-JET	60174530	4,0
1KDN 32-160.1/177 5,5 T400/50 EN12845 COMPACT-JET	60174531	5,5
1KDN 32-160/177 5,5 T400/50 EN12845 COMPACT-JET	60174532	5,5
1KDN 32-200.1/190 5,5 T400/50 EN12845 COMPACT-JET	60174533	5,5
1KDN 32-200.1/200 5,5 T400/50 EN12845 COMPACT-JET	60174537	5,5
1KDN 32-200.1/207 7,5 T400/50 EN12845 COMPACT-JET	60174536	7,5
1KDN 32-200/180 5,5 T400/50 EN 12845 COMPACT-JET	60174538	5,5
1KDN 32-200/190 7,5 T400/50 EN12845 COMPACT-JET	60174534	7,5
1KDN 32-200/200 7,5 T400/50 EN12845 COMPACT-JET	60174535	7,5
1KDN 32-200/210 11 T400/50 EN12845 COMPACT-JET	60174541	11,0
1KDN 32-200/219 11 T400/50 EN12845 COMPACT-JET	60174539	11,0
1KDN 32-250/257 15 T400/50 EN12845 COMPACT-KVCX	60176469	15,0
1KDN 40-160/161 7,5 T400/50 EN 12845 COMPACT-JET	60174543	7,5
1KDN 40-160/177 11 T400/50 EN 12845 COMPACT-JET	60174542	11,0
1KDN 40-200/200 11 T400/50 EN 12845 COMPACT-JET	60174540	11,0
1KDN 40-200/219 15 T400/50 EN12845 COMPACT-JET	60176470	15,0
1KDN 40-250/230 15 T400/50 EN12845 COMPACT-JET	60176471	15,0
1KDN 40-250/240 18,5 T400/50 EN12845 COMPACT-JET	60176472	18,5
1KDN 40-250/260 30 T400/50 EN12845 COMPACT-JET	60176473	30,0
1KDN 50-160/161 11 T400/50 EN12845 COMPACT-JET	60176474	11,0
1KDN 50-160/177 15 T400/50 EN12845 COMPACT-JET	60176475	15,0
1KDN 50-200/190 15 T400/50 EN12845 COMPACT-JET	60176476	15,0
1KDN 50-200/210 18,5 T400/50 EN12845 COMPACT-JET	60176477	18,5
1KDN 50-200/219 22 T400/50 EN12845 COMPACT-JET	60176478	22,0
1KDN 50-250/230 22 T400/50 EN12845 COMPACT-JET	60176479	22,0
1KDN 50-250/250 30 T400/50 EN12845 COMPACT-JET	60176480	30,0
1KDN 50-250/263 37 T400/50 EN12845 COMPACT-KV	60176481	37,0
1KDN 65-160/153 11 T400/50 EN12845 COMPACT-JET	60176482	11,0
1KDN 65-200/190 18,5 T400/50 EN12845 COMPACT-JET	60176483	18,5
1KDN 65-200/200 22 T400/50 EN12845 COMPACT-JET	60176484	22,0
1KDN 65-250/230 30 T400/50 EN12845 COMPACT-JET	60176485	30,0
1KDN 65-250/250 37 T400/50 EN12845 COMPACT-KVCX	60176486	37,0
1KDN 65-250/263 45 T400/50 EN12845 COMPACT-KVCX	60176487	45,0
1KDN 65-315/275 55 T400/50 EN12845 COMPACT-KV 3/15	60176488	55,0
1KDN 65-315/290 75 T400/50 EN12845 COMPACT-KV 3/15	60176489	75,0
1KDN 65-315/305 90 T400/50 EN12845 COMPACT-KV 3/18	60176490	90,0
1KDN 65-315/320 110 T400/50 EN12845 COMPACT-KV 3/18	60176491	110,0
1KDN 80-160/177 30 T400/50 EN12845 COMPACT-KVCX 65-80	60176492	30,0
1KDN 80-200/200 37 T400/50 EN12845 COMPACT-KVCX 65-80	60176493	37,0
1KDN 80-250/240 55 T400/50 EN12845 COMPACT-KVCX 65-80	60176494	55,0
1KDN 80-250/260 75 T400/50 EN12845 COMPACT-KVCX 65-80	60176495	75,0
1KDN 80-250/270 90 T400/50 EN12845 COMPACT-KVCX 65-80	60176496	90,0
1KDN100-200/200 55 T400/50 EN12845 COMPACT-KVCX65-80	60176497	55,0
1KDN100-200/219 75 T400/50 EN12845 COMPACT-KVCX65-80	60176498	75,0
1KDN100-250/240 90 T400/50 EN12845 COMPACT-KVCX65-80	60176499	90,0
1KDN100-250/260 110 400/50 EN12845 COMPACT-KVCX65-80	60176500	110,0

1 KDN COMPACT

FIRE -FIGHTING BOOSTER SETS UNI EN12845 WITH ELECTRIC PUMP AND DIESEL PUMP

TECHNICAL DATA - 1 DIESEL PUMP KDN

1 KDN

MODEL	CODE	P2 (kW)
1KDN 32-160.1/161 7.1 MD EN12845 COMPACT	60174385	7,1
1KDN 32-160.1/169 7.1 MD EN12845 COMPACT	60174384	7,1
1KDN 32-160.1/177 7.1 MD EN12845 COMPACT	60174383	7,1
1KDN 32-160/177 7.1 MD EN12845 COMPACT	60173356	7,1
1KDN 32-200.1/190 7.1 MD EN12845 COMPACT	60174382	7,1
1KDN 32-200.1/200 7.1 MD EN12845 COMPACT	60174381	7,1
1KDN 32-200.1/207 7.1 MD EN12845 COMPACT	60173361	7,1
1KDN 32-200/180 7.1 MD EN 12845 COMPACT	60173384	7,1
1KDN 32-200/190 7.1 MD EN12845 COMPACT	60174380	7,1
1KDN 32-200/200 7.1 MD EN12845 COMPACT	60173134	7,1
1KDN 32-200/210 11 MD EN12845 COMPACT	60174379	11,0
1KDN 32-200/219 11 MD EN12845 COMPACT	60173190	11,0
1KDN 32-250/257 15 MD EN12845 COMPACT	60176372	15,0
1KDN 40-160/161 7.1 MD EN12845 COMPACT	60172897	7,1
1KDN 40-160/177 11 MD EN12845 COMPACT	60173228	11,0
1KDN 40-200/200 11 MD EN12845 COMPACT	60174378	11,0
1KDN 40-200/219 15 MD EN12845 COMPACT	60176373	15,0
1KDN 40-250/230 19 MD EN12845 COMPACT	60176374	19,0
1KDN 40-250/240 19 MD EN12845 COMPACT	60176375	19,0
1KDN 40-250/260 26 MD EN12845 COMPACT	60176376	26,0
1KDN 50-160/161 11 MD EN12845 COMPACT	60173241	11,0
1KDN 50-160/177 15 MD EN12845 COMPACT	60176377	15,0
1KDN 50-200/190 15 MD EN12845 COMPACT	60176378	15,0
1KDN 50-200/210 19 MD EN12845 COMPACT	60176379	19,0
1KDN 50-200/219 26 MD EN12845 COMPACT	60176380	26,0
1KDN 50-250/230 26 MD EN12845 COMPACT	60176381	26,0
1KDN 50-250/250 37 MD EN12845 COMPACT	60176382	37,0
1KDN 50-250/263 37 MD EN12845 COMPACT	60176383	37,0
1KDN 65-160/153 11 MD EN12845 COMPACT	60173270	11,0
1KDN 65-200/190 19 MD EN 12845 COMPACT	60176384	19,0
1KDN 65-200/200 26 MD EN12845 COMPACT	60176385	26,0
1KDN 65-250/230 26 MD EN12845 COMPACT	60176386	26,0
1KDN 65-250/250 37 MD EN12845 COMPACT	60176387	37,0
1KDN 65-250/263 53 MD EN12845 COMPACT	60176388	53,0
1KDN 65-315/275 53 MD EN12845 COMPACT	60176389	53,0
1KDN 65-315/290 73.5 MD EN12845 COMPACT	60176390	73,5
1KDN 65-315/305 110 MD EN12845 COMPACT	60176391	110,0
1KDN 65-315/320 110 MD EN12845 COMPACT	60176392	110,0
1KDN 80-160/177 26 MD EN12845 COMPACT	60176393	26,0
1KDN 80-200/200 37 MD EN12845 COMPACT	60176394	37,0
1KDN 80-250/240 73.5 MD EN12845 COMPACT	60176395	73,5
1KDN 80-250/260 110 MD EN12845 COMPACT	60176396	110,0
1KDN 80-250/270 110 MD EN12845 COMPACT	60176397	110,0
1KDN 100-200/200 53 MD EN12845 COMPACT	60176398	53,0
1KDN 100-200/219 73.5 MD EN12845 COMPACT	60176399	73,5
1KDN 100-250/240 110 MD EN12845 COMPACT	60176400	110,0
1KDN 100-250/260 110 MD EN12845 COMPACT	60176402	110,0

1 KDN + PILOT PUMP

MODEL	CODE	P2 (kW)
1KDN 32-160.1/161 7.1 MD EN12845 COMPACT-JET	60174514	7,1
1KDN 32-160.1/169 7.1 MD EN12845 COMPACT-JET	60174515	7,1
1KDN 32-160.1/177 7.1 MD EN12845 COMPACT-JET	60174516	7,1
1KDN 32-160/177 7.1 MD EN12845 COMPACT-JET	60174517	7,1
1KDN 32-200.1/190 7.1 MD EN12845 COMPACT-JET	60174518	7,1
1KDN 32-200.1/200 7.1 MD EN12845 COMPACT-JET	60174519	7,1
1KDN 32-200.1/207 7.1 MD EN12845 COMPACT-JET	60174521	7,1
1KDN 32-200/180 7.1 MD EN 12845 COMPACT-JET	60174522	7,1
1KDN 32-200/190 7.1 MD EN12845 COMPACT-JET	60174523	7,1
1KDN 32-200/200 7.1 MD EN12845 COMPACT-JET	60174520	7,1
1KDN 32-200/210 11 MD EN12845 COMPACT-JET	60174524	11,0
1KDN 32-200/219 11 MD EN12845 COMPACT-JET	60174526	11,0
1KDN 32-250/257 15 MD EN12845 COMPACT-KVCX	60176436	15,0
1KDN 40-160/161 7.1 MD EN12845 COMPACT-JET	60174528	7,1
1KDN 40-160/177 11 MD EN12845 COMPACT-JET	60174527	11,0
1KDN 40-200/200 11 MD EN12845 COMPACT-JET	60174525	11,0
1KDN 40-200/219 15 MD EN12845 COMPACT-JET	60176437	15,0
1KDN 40-250/230 19 MD EN12845 COMPACT-JET	60176438	19,0
1KDN 40-250/240 19 MD EN12845 COMPACT-JET	60176439	19,0
1KDN 40-250/260 26 MD EN12845 COMPACT-JET	60176440	26,0
1KDN 50-160/161 11 MD EN12845 COMPACT-JET	60176441	11,0
1KDN 50-160/177 15 MD EN12845 COMPACT-JET	60176442	15,0
1KDN 50-200/190 15 MD EN12845 COMPACT-JET	60176443	15,0
1KDN 50-200/210 19 MD EN12845 COMPACT-JET	60176444	19,0
1KDN 50-200/219 26 MD EN12845 COMPACT-JET	60176445	26,0
1KDN 50-250/230 26 MD EN12845 COMPACT-JET	60176446	26,0
1KDN 50-250/250 37 MD EN12845 COMPACT-JET	60176447	37,0
1KDN 50-250/263 37 MD EN12845 COMPACT-KV 3/12	60176448	37,0
1KDN 65-160/153 11 MD EN12845 COMPACT-JET	60176449	11,0
1KDN 65-200/190 19 MD EN 12845 COMPACT-JET	60176450	19,0
1KDN 65-200/200 26 MD EN12845 COMPACT-JET	60176451	26,0
1KDN 65-250/230 26 MD EN12845 COMPACT-JET	60176452	26,0
1KDN 65-250/250 37 MD EN12845 COMPACT-KVCX 65-80	60176453	37,0
1KDN 65-250/263 53 MD EN12845 COMPACT-KVCX 65-80	60176454	53,0
1KDN 65-315/275 53 MD EN12845 COMPACT-KV 3/15	60176455	53,0
1KDN 65-315/290 73.5 MD EN12845 COMPACT-KV 3/15	60176456	73,5
1KDN 65-315/305 110 MD EN12845 COMPACT-KV 3/18	60176457	110,0
1KDN 65-315/320 110 MD EN12845 COMPACT-KV 3/18	60176458	110,0
1KDN 80-160/177 26 MD EN12845 COMPACT-KVCX65-80	60176459	26,0
1KDN 80-200/200 37 MD EN12845 COMPACT-KVCX65-80	60176460	37,0
1KDN 80-250/240 73.5 MD EN12845 COMPACT-KVCX65-80	60176461	73,5
1KDN 80-250/260 110 MD EN12845 COMPACT-KVCX65-80	60176462	110,0
1KDN 80-250/270 110 MD EN12845 COMPACT-KVCX65-80	60176463	110,0
1KDN 100-200/200 53 MD EN12845 COMPACT-KVCX65-80	60176464	53,0
1KDN 100-200/219 73.5 MD EN12845 COMPACT-KVCX65-80	60176465	73,5
1KDN 100-250/240 110 MD EN12845 COMPACT-KVCX65-80	60176466	110,0
1KDN 100-250/260 110 MD EN12845 COMPACT-KVCX65-80	60176468	110,0

Available on request Diesel Fire-fighting Booster Sets with heat exchanger for diesel motor starting from the power P2=37 kW

1 /2 NKV

FIRE-FIGHTING PUMP UNITS TO EN 12845 WITH VERTICAL NKV PUMPS

TECHNICAL DATA

Fire-fighting pump units manufactured in compliance with the prescriptions of European standard UNI EN 12845.Fixed fire-fighting installations – Automatic sprinkler systems

NOTES ON UNI EN 12845

UNI EN 12845, the Italian version of European standard EN 12845, establishes design, installation and maintenance criteria for sprinkler systems and it replaces the earlier Italian standards UNI 9489 and UNI 9490.

An automatic sprinkler system is designed to detect the presence of fire and extinguish it in the initial stages, or to keep flames under control until they can be extinguished fully using ancillary means.

The classic sprinkler system is composed of: a water source, a fire-fighting pump unit, a series of control valves, and a sprinklers circuit.

The main pump continues to run until it is stopped manually by pressing the STOP pushbutton on the control panel.

In the case of hydrant circuits refer to the prescriptions of UNI 10779- July 07. UNI 10779,as well as stating that fire-fighting pumps must be in compliance with the requirements of UNI EN 12845, also permits, in the case of work not constantly supervised, automatic stopping of the pumps 20 minutes after closure of the hydrants.

DAB pump sets are suitable for sprinkler installations with manual stopping and for hydrant installations with automatic stopping.

OPERATION OF EN 12845 FIRE-FIGHTING PUMP SET

In normal conditions (zero water demand) the system is maintained under static pressure.

The first demand for water results in start-up of the jockey pump, which restores system pressure. If a significant flow rate of water is demanded (opening of sprinklers), the pressure will drop until the two pressure switches connected in series trip to start up the main pump.

The two start-up pressure switches must be calibrated in such a way as to start the pumps at the following pressure values.

ONE PUMP SETS	P = 0,8 X MAX. PUMP PRESSURE	
SETS WITH TWO PUMPS	PUMP 1: P1 = 0,8 X MAX PRESSURE	PUMP 2: P2 = 0,6 X MAX PRESSURE

Es: Max. pressure 10 bar - pump 1 starts at 8 bar, pump 2 starts at 6 bar

1/2 NKV

FIRE-FIGHTING PUMP UNITS TO EN 12845 WITH VERTICAL NKV PUMPS

TECHNICAL DATA - 1/2 NKV PUMPS

MODEL	CODE
1NKV 10/3 T400/50 EN12845	60118437
1NKV 10/4 T400/50 EN12845	60118438
1NKV 10/5 T400/50 EN12845	60118439
1NKV 10/6 T400/50 EN12845	60118440
1NKV 10/7 T400/50 EN12845	60118441
1NKV 10/8 T400/50 EN12845	60118442
1NKV 10/9 T400/50 EN12845	60118443
1NKV 10/10 T400/50 EN12845	60118444
1NKV 10/12 T400/50 EN12845	60118445
1NKV 10/14 T400/50 EN12845	60118446
1NKV 15/3 T400/50 EN12845	60118447
1NKV 15/4 T400/50 EN12845	60118448
1NKV 15/5 T400/50 EN12845	60118451
1NKV 15/6 T400/50 EN12845	60118452
1NKV 15/7 T400/50 EN12845	60118456
1NKV 15/8 T EN 12845	60169070
1NKV 15/9 T EN 12845	60169071
1NKV 15/10 T EN 12845	60169072
1NKV 20/3 T400/50 EN12845	60118464
1NKV 20/4 T400/50 EN12845	60118465
1NKV 20/5 T400/50 EN12845	60118466
1NKV 20/6 T EN 12845	60169073
1NKV 20/7 T EN 12845	60169074
1NKV 20/8 T EN 12845	60169075
1NKV 20/9 T EN 12845	60169076
1NKV 20/10 T EN 12845	60169077

MODEL	CODE
2NKV 10/3 T400/50 EN12845	60118498
2NKV 10/4 T400/50 EN12845	60118499
2NKV 10/5 T400/50 EN12845	60118500
2NKV 10/6 T400/50 EN12845	60118501
2NKV 10/7 T400/50 EN12845	60118502
2NKV 10/8 T400/50 EN12845	60118503
2NKV 10/9 T400/50 EN12845	60118504
2NKV 10/10 T400/50 EN12845	60118505
2NKV 10/12 T400/50 EN12845	60118506
2NKV 10/14 T400/50 EN12845	60118507
2NKV 15/3 T400/50 EN12845	60118533
2NKV 15/4 T400/50 EN12845	60118534
2NKV 15/5 T400/50 EN12845	60118535
2NKV 15/6 T400/50 EN12845	60118536
2NKV 15/7 T400/50 EN12845	60118537
2NKV 15/8 T EN 12845	60169091
2NKV 15/9 T EN 12845	60169092
2NKV 15/10 T EN 12845	60169093
2NKV 20/3 T400/50 EN12845	60118541
2NKV 20/4 T400/50 EN12845	60118542
2NKV 20/5 T400/50 EN12845	60118543
2NKV 20/6 T EN 12845	60169094
2NKV 20/7 T EN 12845	60169098
2NKV 20/8 T EN 12845	60169108
2NKV 20/9 T EN 12845	60169127
2NKV 20/10 T EN 12845	60169128

TECHNICAL DATA - 1/2 NKV PUMPS + PILOT PUMP

MODEL	CODE
1NKV 10/3 T400/50 EN12845 - JET	60118472
1NKV 10/4 T400/50 EN12845 - JET	60118473
1NKV 10/5 T400/50 EN12845 - JET	60118474
1NKV 10/6 T400/50 EN12845 - JET	60118475
1NKV 10/7 T400/50 EN12845 - KV 3/10	60118476
1NKV 10/8 T400/50 EN12845 - KV 3/12	60118477
1NKV 10/9 T400/50 EN12845 - KV 3/12	60118478
1NKV 10/10 T400/50 EN12845 - KV 3/18	60118479
1NKV 10/12 T400/50 EN12845 - KV 3/18	60118480
1NKV 10/14 T400/50 EN12845 - KV 3/18	60118481
1NKV 15/3 T400/50 EN12845 - JET	60118482
1NKV 15/4 T400/50 EN12845 – JET	60118483
1NKV 15/5 T400/50 EN12845 – JET	60118484
1NKV 15/6 T400/50 EN12845 - KV 3/12	60118485
1NKV 15/7 T400/50 EN12845 - KV 3/12	60118486
1NKV 15/8 T400/50 EN12845 - KV 3/18	60169078
1NKV 15/9 T400/50 EN12845 - KV 3/18	60169079
1NKV 15/10 T400/50 EN12845 - KV 3/18	60169080
1NKV 20/3 T400/50 EN12845 – JET	60118490
1NKV 20/4 T400/50 EN12845 – JET	60118491
1NKV 20/5 T400/50 EN12845 - JET	60118492
1NKV 20/6 T400/50 EN12845 - KV 3/12	60169081
1NKV 20/7 T400/50 EN12845 - KV 3/18	60169082
1NKV 20/8 T400/50 EN12845 - KV 3/18	60169083
1NKV 20/9 T400/50 EN12845 - KV 3/18	60169084
1NKV 20/10 T400/50 EN12845 - KV 3/18	60169085

MODEL	CODE
2NKV 10/3 T400/50 EN12845 - JET	60118549
2NKV 10/4 T400/50 EN12845 - JET	60118550
2NKV 10/5 T400/50 EN12845 - JET	60118551
2NKV 10/6 T400/50 EN12845 - JET	60118552
2NKV 10/7 T400/50 EN12845 - KV 3/10	60118553
2NKV 10/8 T400/50 EN12845 - KV 3/12	60118554
2NKV 10/9 T400/50 EN12845 - KV 3/12	60118555
2NKV 10/10 T400/50 EN12845 - KV 3/18	60118556
2NKV 10/12 T400/50 EN12845 - KV 3/18	60118557
2NKV 10/14 T400/50 EN12845 - KV 3/18	60118558
2NKV 15/3 T400/50 EN12845 - JET	60118559
2NKV 15/4 T400/50 EN12845 - JET	60118560
2NKV 15/5 T400/50 EN12845 - JET	60118561
2NKV 15/6 T400/50 EN12845 - KV 3/12	60118562
2NKV 15/7 T400/50 EN12845 - KV 3/12	60118563
2NKV 15/8 T400/50 EN12845 - KV 3/18	60169129
2NKV 15/9 T400/50 EN12845 - KV 3/18	60169131
2NKV 15/10 T400/50 EN12845 - KV 3/18	60169132
2NKV 20/3 T400/50 EN12845 - JET	60118567
2NKV 20/4 T400/50 EN12845 - JET	60118568
2NKV 20/5 T400/50 EN12845 - JET	60118569
2NKV 20/6 T400/50 EN12845 - KV 3/12	60169133
2NKV 20/7 T400/50 EN12845 - KV 3/18	60169134
2NKV 20/8 T400/50 EN12845 - KV 3/18	60169135
2NKV 20/9 T400/50 EN12845 - KV 3/18	60169136
2NKV 20/10 T400/50 EN12845 - KV 3/18	60169137

S4 - SS6 - SS7 - SS8

FIRE FIGHTING UNITS UNI STANDARDS EN 12845 WITH 4”- 6”- 7” - 8” SUBMERSIBLE ELECTRIC PUMPS

NEWS

TECHNICAL DATA

Fire-fighting pump groups made according to the specifications of the European standard UNI EN 12845. Fixed fire-fighting installations-automatic sprinkler systems.
All pumps (main and jockey) are equipped with 15 meter power input cable.
The 6” - 7” - 8” pumps are fully made of AISI 304 stainless steel.

OVERVIEW OF THE UNI-EN 12845

The UNI-EN 12845, the Italian version of the European standard UNI-EN 12845, establishes the criteria for the design, installation and maintenance of sprinkler systems. An automatic sprinkler system is designed to detect the presence of fire and extinguish it in the initial stage or to keep the flames under control until the extinction can be completed by other means. The classic sprinkler system includes:
a water supply, a group of fire pumps, control valves and a network of pipelines with sprinkler.
The main pump continues to run until it is stopped manually using the STOP button on the control panel. In the case of fire hydrant networks, you should refer to the UNI 10779 - July 07. UNI 10779, in addition to requiring the power pumps according to EN 12845, admits, in the case of activity not constantly manned, the automatic shutdown of the pumps after 20 minutes of closing the hydrants. DAB groups are suited for both sprinkler networks with manual shutdown and for hydrant networks with automatic stop.

OPERATION OF FIRE FIGHTING PUMP GROUPS AS PER UNI EN 12845

Under normal conditions (zero water demand), the system is under static pressure. On the first request of water the compensating pump is started that restores the system pressure. If the demand for water is significant (fire sprinkler opening) the system pressure drops until the two pressure switches connected in series activate the main pump. The two pressure starter switches must be calibrated so that you can start the pumps at the following pressure values:

ONE PUMP SETS	P = 0,8 X MAX. PUMP PRESSURE	
SETS WITH TWO PUMPS	PUMP 1: P1 = 0,8 X MAX PRESSURE	PUMP 2: P2 = 0,6 X MAX PRESSURE

Es: Max. pressure 10 bar - pump 1 starts at 8 bar, pump 2 starts at 6 bar

TECHNICAL DATA - 4” SUBMERSIBLE ELECTRIC PUMPS

1 S4 PUMP

MODEL	CODE
1S4E 12 T 400/50 EN 12845 15 MT CABLE	60171466
1S4E 17 T 400/50 EN 12845 15 MT CABLE	60171467
1 S4E 20 T 400/50 EN 12845 15 MT CABLE	60171468
1S4F 7 T 400/50 EN 12845 15 MT CABLE	60171469
1S4F 10 T 400/50 EN 12845 15 MT CABLE	60171470
1S4F 13 T 400/50 EN 12845 15 MT CABLE	60171471
1S4F 18 T 400/50 EN 12845 15 MT CABLE	60171472

1 S4 + PILOT PUMP

MODEL	CODE
1S4E 12 T 400/50 EN 12845 - S4C 19T 15 MT CABLE	60171473
1S4E 17 T 400/50 EN 12845 - S4C 25T 15 MT CABLE	60171474
1S4E 20 T 400/50 EN 12845 - S4C 25T 15 MT CABLE	60171478
1S4F 7 T 400/50 EN 12845 - S4C 13T 15 MT CABLE	60171479
1S4F 10 T 400/50 EN 12845 - S4C 13T 15 MT CABLE	60171483
1S4F 13 T 400/50 EN 12845 - S4C 19T 15 MT CABLE	60171485
1S4F 18 T 400/50 EN 12845 - S4C 25T 15 MT CABLE	60171486

TECHNICAL DATA - 6” SUBMERSIBLE ELECTRIC PUMPS

1 SS6 PUMP

MODEL	CODE
1 SS6 C06 T 400/50 EN 12845 WITH CABLE	60171488
1 SS6 C08 T 400/50 EN 12845 WITH CABLE	60171492
1 SS6 C11 T 400/50 EN 12845 WITH CABLE	60171494
1 SS6 D04 T 400/50 EN 12845 WITH CABLE	60171495
1 SS6 D05 T 400/50 EN 12845 WITH CABLE	60171497
1 SS6 D06 T 400/50 EN 12845 WITH CABLE	60171501
1 SS6 D07 T 400/50 EN 12845 WITH CABLE	60171503
1 SS6 D09 T 400/50 EN 12845 WITH CABLE	60171504
1 SS6 E03 T 400/50 EN 12845 WITH CABLE	60171505
1 SS6 E04 T 400/50 EN 12845 WITH CABLE	60171506
1 SS6 E05 T 400/50 EN 12845 WITH CABLE	60171508
1 SS6 E06 T 400/50 EN 12845 WITH CABLE	60171510
1 SS6 E07 T 400/50 EN 12845 WITH CABLE	60171513
1 SS6 E08 T 400/50 EN 12845 WITH CABLE	60171514

1 SS6 + PILOT PUMP

MODEL	CODE
1 SS6 C06 T 400/50 EN 12845 - S4 C19T WITH CABLE	60171516
1 SS6 C08 T 400/50 EN 12845 - S4 C19T WITH CABLE	60171517
1 SS6 C11 T 400/50 EN 12845 - S4 C25T WITH CABLE	60171573
1 SS6 D04 T 400/50 EN 12845 - S4 C13T WITH CABLE	60171690
1 SS6 D05 T 400/50 EN 12845 - S4 C19T WITH CABLE	60171704
1 SS6 D06 T 400/50 EN 12845 - S4 C19T WITH CABLE	60171390
1 SS6 D07 T 400/50 EN 12845 - S4 C19T WITH CABLE	60171705
1 SS6 D09 T 400/50 EN 12845 - S4 C25T WITH CABLE	60171708
1 SS6 E03 T 400/50 EN 12845 - S4 C13 WITH CABLE	60171711
1 SS6 E04 T 400/50 EN 12845 -S4 C13 WITH CABLE	60171721
1 SS6 E05 T 400/50 EN 12845 - S4 C19 WITH CABLE	60171722
1 SS6 E06 T 400/50 EN 12845 - S4 C19 WITH CABLE	60171726
1 SS6 E07 T 400/50 EN 12845 - S4 C25 WITH CABLE	60171728
1 SS6 E08 T 400/50 EN 12845 - S4 C25 WITH CABLE	60171729

TECHNICAL DATA - 7”- 8” SUBMERSIBLE ELECTRIC PUMPS

1 SS7-SS8 PUMP

MODEL	CODE
1SS7 A4 T 400/50 EN 12845 15 MT CABLE	60177100
1SS7 A5 T 400/50 EN 12845 15 MT CABLE	60177101
1SS7 A6 T 400/50 EN 12845 15 MT CABLE	60177102
1SS7 B3 T 400/50 EN 12845 15 MT CABLE	60177103
1SS7 B4 T 400/50 EN 12845 15 MT CABLE	60177104
1SS7 B5 T 400/50 EN 12845 15 MT CABLE	60177105
1SS8 A3 T 400/50 EN 12845 15 MT CABLE	60177106
1SS8 A4 T 400/50 EN 12845 15 MT CABLE	60177107
1SS8 A5 T 400/50 EN 12845 15 MT CABLE	60177108
1SS8 B3B.3 T 400/50 EN 12845 15 MT CABLE	60177109
1SS8 B3 T 400/50 EN 12845 15 MT CABLE	60177110
1SS8 B4 T 400/50 EN 12845 15 MT CABLE	60177111

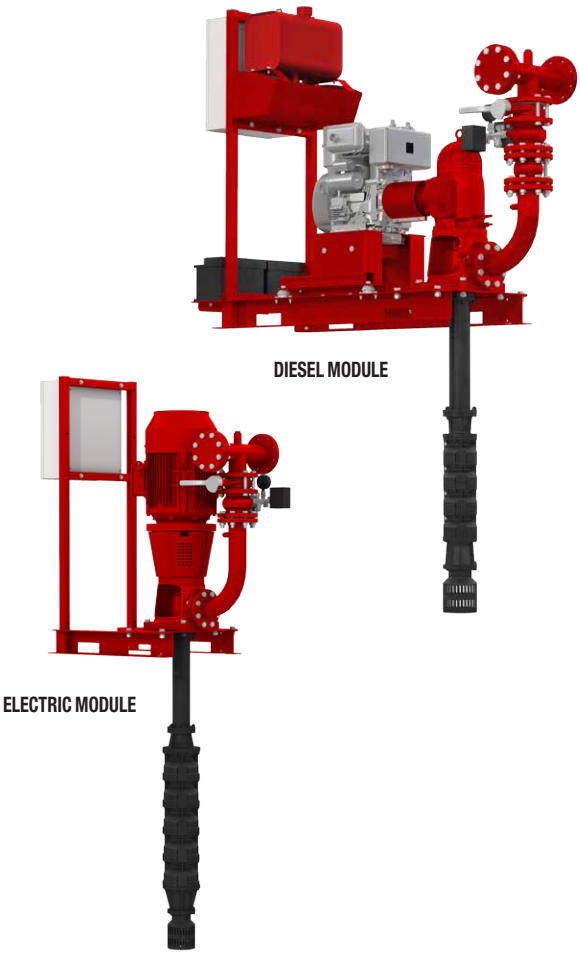
1 SS7-SS8 + PILOT PUMP

MODEL	CODE
1SS7 A4 T 400/50 EN 12845 - S4C 19T 15 MT CABLE	60177114
1SS7 A5 T 400/50 EN 12845 - S4C 19T 15 MT CABLE	60177115
1SS7 A6 T 400/50 EN 12845 - S4C 25T 15 MT CABLE	60177117
1SS7 B3 T 400/50 EN 12845 - S4C 19T 15 MT CABLE	60177118
1SS7 B4 T 400/50 EN 12845 - S4C 25T 15 MT CABLE	60177119
1SS7 B5 T 400/50 EN 12845 - S4C 25T 15 MT CABLE	60177120
1SS8 A3 T 400/50 EN 12845 - S4C 19T 15 MT CABLE	60177122
1SS8 A4 T 400/50 EN 12845 - S4C 19T 15 MT CABLE	60177124
1SS8 A5 T 400/50 EN 12845 - S4C 25T 15 MT CABLE	60177125
1SS8 B3B.3 T 400/50 EN 12845 - S4C 19T 15 MT CABLE	60177126
1SS8 B3 T 400/50 EN 12845 - S4C 25T 15 MT CABLE	60177127
1SS8 B4 T 400/50 EN 12845 - S4C 25T 15 MT CABLE	60177128

1 KVT

DIESEL AND ELECTRIC EN 12845 FIRE-FIGHTING SETS WITH VERTICAL TURBINE PUMPS

NEWS

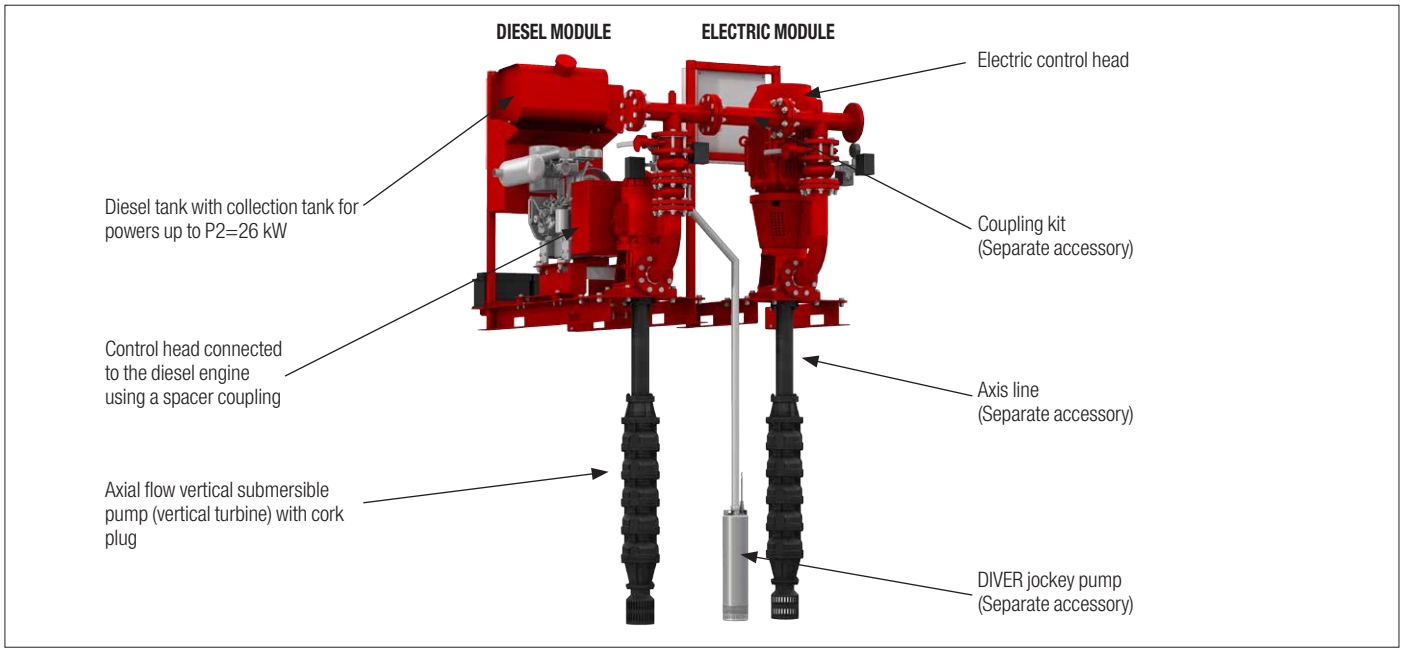


1KVT EN12845
Fire-fighting sets with diesel engine or electric motor assembly, ideal for automatic sprinkler systems and/or hydrants of commercial buildings, manufactured **using vertical axial flow submersible pumps** (vertical turbine pumps), in accordance with UNI EN 12845 (10.6.1) standard.

SIMPLE MAINTENANCE:
• Thanks to the submersible pump body and the motor assembly control above the surface, they eliminate any self-priming issues, in addition to making the job of the maintenance technician much easier.
• **Modular design:** DAB pressurisation sets are designed to be coupled with each other, in order to obtain all the versions and meet all the requirements of the UNI EN 12845 standard.
Available set models:
- **1 KVT** ..... EN, consisting of an axial flow submersible pump (vertical turbine pump) with electric motor, including submersible pump, cork plug, control head installed on appropriate base, electric control panel
- **1 KVT** ..... MD EN consisting of an axial flow submersible pump (vertical turbine pump) with air or radiator cooled diesel engine (exchanger on request), including submersible pump, cork plug, control head installed on appropriate base, electric control panel, diesel tank ensuring 6 hours of operation, with fuel collection tank for powers up to 26 kW

Jockey pumps and axis lines supplied as separate accessories
In order to obtain all the versions contemplated by the standard (2-3 pump sets), DAB supplies as accessory a coupling kit, to be fitted between the delivery manifolds of the individual sets.
The 1KVT range includes sets with axial flow vertical submersible pumps (for powers up to 75 kW), treated with black cataphoresis paint coating, which ensures extremely high resistance to corrosion. The control heads, base, frame, hydraulic column and manifolds are painted RAL3000 red.

Main components:
- Axial flow vertical submersible pump (vertical turbine), with cork plug, to be coupled with an electric motor or diesel engine through a control head installed on appropriate base.
- Electric motor or diesel engine capable of providing the power used by the pump at a 16 metre NPSH value. Each diesel engine driven pump has a diesel tank that guarantees 6 hours of operation. For engine powers up to 26 kW, a collection tank is also included (in compliance with UNI 11292), for the containment of any fuel spillages.
- Axis line. This is a separate accessory, which must be installed between the vertical submersible pump and the control head above the surface. The price list includes 6 standard lengths for each axis line (0.5 - 0.75 - 1.0 - 1.5 - 2.0 - 2.5 - 3.05 m), with other lengths available on request.
The DIVER or JET series jockey pump is a separate accessory supplied complete with 20 l expansion vessel, and its own electric control panel.
- Delivery column, sized to limit the maximum speed in accordance with UNI EN 12845 13.2.3
- Shut-off valve and check valve assembled before the delivery manifold.
- The diesel engine driven pump version includes engine speed detection by a pick-up sensor
- Control panel for each IP 55 pump, built in accordance with regulations, complete with general door shut-off switch, voltmeter, ammeter, revolution counter, diesel level indicator, notification led, operation and stop pushbuttons, operation test pushbuttons.
- Delivery manifold with pressure switches, by-pass circuits and manometer.



1 KVT

DIESEL AND ELECTRIC EN 12845 FIRE-FIGHTING SETS WITH VERTICAL TURBINE PUMPS

TECHNICAL DATA - 1 KVT WITH ELECTRIC MOTOR

MODEL	CODE	P2 (kW)	JOCKEY PUMP FOR COUPLING
1KVT6 03/4 5,5 400/50 EN12845	60179712	5,5	DIVER 150 T
1KVT6 03/5 7,5 400/50 EN12845	60179713	7,5	DIVER 150 T
1KVT6 03/6 7,5 400/50 EN12845	60179714	7,5	DIVER 200 T
1KVT6 03/7 11 400/50 EN12845	60179715	11,0	DIVER 200 T
1KVT6 03/8 11 400/50 EN12845	60179716	11,0	DIVER 200 T
1KVT6 13/4 7,5 400/50 EN12845	60179699	7,5	DIVER 150 T
1KVT6 13/5 7,5 400/50 EN12845	60179698	11,0	DIVER 150 T
1KVT6 13/6 11 400/50 EN12845	60179700	11,0	DIVER 150 T
1KVT6 13/7 11 400/50 EN12845	60179696	11,0	DIVER 200 T
1KVT6 13/8 15 400/50 EN12845	60179697	15,0	DIVER 200 T
1KVT6 13/9 15 400/50 EN12845	60179701	15,0	DIVER 200 T
1KVT6 23/4 11 400/50 EN12845	60179705	11,0	DIVER 150 T
1KVT6 23/5 11 400/50 EN12845	60179704	11,0	DIVER 150 T
1KVT6 23/6 15 400/50 EN12845	60179703	15,0	DIVER 150 T
1KVT6 23/7 18.5 400/50 EN12845	60179702	18,5	DIVER 200 T
1KVT8 13N/4 18.5 400/50 EN12845	60179708	18,5	DIVER 200 T
1KVT8 13N/5 22 400/50 EN12845	60179710	22,0	DIVER 200 T
1KVT8 13N/6 30 400/50 EN12845	60179707	30,0	DIVER 200 T
1KVT10 15N/2A 45 400/50 EN12845	60179709	45,0	DIVER 200 T
1KVT10 15N/3CD 55 400/50 EN12845	60179706	55,0	DIVER 200 T
1KVT10 26N/3A 75 400/50 EN12845	60179711	75,0	DIVER 200 T

TECHNICAL DATA - 1 KVT WITH DIESEL MOTOR

MODEL	CODE	P2 (kW)	JOCKEY PUMP FOR COUPLING
1KVT6 03/4 7,1 MD EN12845	60179673	7,1	DIVER 150 T
1KVT6 03/5 7,1 MD EN12845	60179674	7,1	DIVER 150 T
1KVT6 03/6 11 MD EN12845	60179675	11,0	DIVER 200 T
1KVT6 03/7 11 MD EN12845	60179676	11,0	DIVER 200 T
1KVT6 03/8 11 MD EN12845	60179677	11,0	DIVER 200 T
1KVT6 13/4 7,1 MD EN12845	60179681	7,1	DIVER 150 T
1KVT6 13/5 11 MD EN12845	60179679	11,0	DIVER 150 T
1KVT6 13/6 11 MD EN12845	60179680	11,0	DIVER 150 T
1KVT6 13/7 11 MD EN12845	60179682	11,0	DIVER 200 T
1KVT6 13/8 15 MD EN12845	60179678	15,0	DIVER 200 T
1KVT6 13/9 15 MD EN12845	60179684	15,0	DIVER 200 T
1KVT6 23/4 11 MD EN12845	60179685	11,0	DIVER 150 T
1KVT6 23/5 15 MD EN12845	60179686	15,0	DIVER 150 T
1KVT6 23/6 15 MD EN12845	60179683	15,0	DIVER 150 T
1KVT6 23/7 19 MD EN12845	60179687	19,0	DIVER 200 T
1KVT8 13N/4 19 MD EN12845	60179689	19,0	DIVER 200 T
1KVT8 13N/5 26 MD EN12845	60179690	26,0	DIVER 200 T
1KVT8 13N/6 37 MD EN12845	60179691	37,0	DIVER 200 T
1KVT10 15N/2A 53 MD EN12845	60179688	53,0	DIVER 200 T
1KVT10 15N/3CD 73,5 MD EN12845	60179692	73,5	DIVER 200 T
1KVT10 26N/3A 73,5 MD EN12845	60179693	73,5	DIVER 200 T

Possibility of requesting diesel engines with water/water exchanger cooling systems

ACCESSORIES

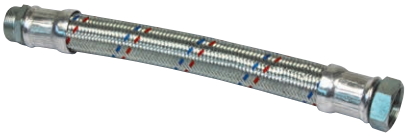
KIT PUMP SYSTEM		DESCRIPTION	CODE
	including 18 l expansion vessel, electric control panel, valves for the connection of the jockey pump to the main KDN pump.	**PUMP SYSTEM DIVER 150 T EN 12845**	60180500
		PUMP SYSTEM DIVER 200 T EN 12845	60180501

ACCESSORIES

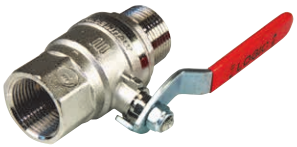
LINE SHAFT		MODEL AND LENGTH*	CODE
	The axial line is a flanged pipe treated with black cataphoresis paint coating that connects the submersible pump to the control head, with the corresponding guide supports.	3A20L LINESHAFT Ø142 L=500	60179642
		3A20L LINESHAFT Ø142 L=750	60179641
		3A20L LINESHAFT Ø142 L=1000	60179640
		3A20L LINESHAFT Ø142 L=1500	60179639
		3A20L LINESHAFT Ø142 L=2000	60179638
		3A20L LINESHAFT Ø142 L=2500	60179637
		3A20L LINESHAFT Ø142 L=3050	60179636
		3A24L LINESHAFT Ø142 L=500	60179647
		3A24L LINESHAFT Ø142 L=750	60179644
		3A24L LINESHAFT Ø142 L=1000	60179643
		3A24L LINESHAFT Ø142 L=1500	60179649
		3A24L LINESHAFT Ø142 L=2000	60179645
		3A24L LINESHAFT Ø142 L=2500	60179646
		3A24L LINESHAFT Ø142 L=3050	60179648
		5A24L LINESHAFT Ø191 L=500	60179656
		5A24L LINESHAFT Ø191 L=750	60179655
		5A24L LINESHAFT Ø191 L=1000	60179654
		5A24L LINESHAFT Ø191 L=1500	60179653
		5A24L LINESHAFT Ø191 L=2000	60179652
		5A24L LINESHAFT Ø191 L=2500	60179651
		5A24L LINESHAFT Ø191 L=3050	60179650
		5A27L LINESHAFT Ø191 L=500	60179663
		5A27L LINESHAFT Ø191 L=750	60179662
		5A27L LINESHAFT Ø191 L=1000	60179661
		5A27L LINESHAFT Ø191 L=1500	60179660
		5A27L LINESHAFT Ø191 L=2000	60179659
		5A27L LINESHAFT Ø191 L=2500	60179658
		5A27L LINESHAFT Ø191 L=3050	60179657
		6A30L LINESHAFT Ø240 L=500	60179670
		6A30L LINESHAFT Ø240 L=750	60179669
		6A30L LINESHAFT Ø240 L=1000	60179668
		6A30L LINESHAFT Ø240 L=1500	60179667
		6A30L LINESHAFT Ø240 L=2000	60179666
		6A30L LINESHAFT Ø240 L=2500	60179665
		6A30L LINESHAFT Ø240 L=3050	60179664
		3A20L LINESHAFT SPECIAL LENGTH TO ORDER ON REQUEST FROM 0,6 M UP TO 2,95 M	-
		3A24L LINESHAFT SPECIAL LENGTH TO ORDER ON REQUEST FROM 0,6 M UP TO 2,95 M	-
		5A24L LINESHAFT SPECIAL LENGTH TO ORDER ON REQUEST FROM 0,6 M UP TO 2,95 M	-
		5A27L LINESHAFT SPECIAL LENGTH TO ORDER ON REQUEST FROM 0,6 M UP TO 2,95 M	-
		6A30L LINESHAFT SPECIAL LENGTH TO ORDER ON REQUEST FROM 0,6 M UP TO 2,95 M	-

* L Length in mm (500 to 3050 mm)

PRESSURE UNITS ACCESSORIES - FIRE FIGHTING BOOSTING SETS UNI EN 12845

FLEXIBLE HOSE	MODEL	CODE
	FLEXIBLE HOSE 1" 1/2 MF	002260316
	FLEXIBLE HOSE 2" ½ MF 10B	60118994

ANTI-VIBRATION THREADED UNION	MODEL	CODE
	ANTI-VIBRATION THREADED UNION FF 2" - PN 16	002139107
	ANTI-VIBRATION THREADE UNION FF 2" 1/2 - PN 16	002139108

BALL VALVE	MODEL	CODE
	BALL VALVE MF 1" (FOR EXPANSION VASSEL SERVICING)	002132054

PRESSURE	MODEL	CODE
	MIN. PRESS. SWITCH XMP A06L 1/4" F IP 43	002717002
	KIT PRESSURE SWITCH FOR DRY RUNNING PROTECTION	547120850
	KIT PRESSURE SWITH FOR OVERPRESS.	547120860

FLOAT	MODEL	CODE
	FLOAT - 5 METER CABLE	159260030
	FLOAT - 10 METER CABLE	159260040

AIR INLET COUPLING KIT	MODEL	CODE
	1" AIR INLET COUPLING KIT	547120440
	1" 1/4 AIR INLET COUPLING KIT	547120450
	1" 1/2 AIR INLET COUPLING KIT	547120460

TANK	MODEL	CODE
	8 LT. TANK 10 BAR V - G	60141866
	18 LT. TANK 10 BAR V - G	60141867
	18 LT. TANK 16 BAR V - G	60141868

EXCHANGE STARTING MODULE	MODEL	CODE
	EXCHANGE STARTING MODULE SZ 3	002773493

PRESSURE TRANSMITTER	MODEL	CODE
	PRESS. TRAS. 16 BAR (FOR B. SETS WITH CONTR. PANEL E-BOX)	60116837

ANTI-VIBRATING JOINT	MODEL	CODE
 FF 2"1/2 PN16 ANTI-VIBRATION JOINT	**FF 2"1/2 PN16 ANTI-VIBRATION JOINT**	002139108
	ANTI-VIBRATING JOINT DN 80 - KDN 32	002139209
	ANTI-VIBRATING JOINT DN 100 - KDN 40	002139210
	ANTI-VIBRATING JOINT DN 125 - KDN 50	002139211
	ANTI-VIBRATING JOINT DN 150 - KDN 65	002139212
	ANTI-VIBRATING JOINT DN 200 - KDN 80-160/KDN 80-200	002139263
	ANTI-VIBRATING JOINT DN 250 - KDN 100 - KDN 80-250/80-315	002139264
	ANTI-VIBRATING JOINT DN 300	002139215

KIT PRESSURE SWITCH	MODEL	CODE
	**KIT PRESSURE SWITCH FOR DRY RUNNING PROTECTION**	547120850

FOOT VALVE WITH FILTER	MODEL	CODE
 DN 80 FOOT VALVE WITH FILTER	**DN 80 FOOT VALVE WITH FILTER**	60111919
	DN 100 FOOT VALVE WITH FILTER	60111920
	DN 125 FOOT VALVE WITH FILTER	60111921
	DN 150 FOOT VALVE WITH FILTER	60111922
	DN 200 FOOT VALVE WITH FILTER	60111923
	DN 250 FOOT VALVE WITH FILTER	60111925
	DN 300 FOOT VALVE WITH FILTER	60111926

SUCTION KIT		DESCRIPTION	KDN	1/2 NKV	S4 - SS 6/7/8	KVT	CODE
	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
		SUCTION KIT KDN 32 EN (DN 80)	•	•			60124053
		SUCTION KIT KDN 40 EN (DN 100)	•				60124054
		SUCTION KIT KDN 50 EN (DN 125)	•				60124055
		SUCTION KIT KDN 65 EN (DN 150)	•				60124056
		SUCTION KIT KDN 80 EN (DN 200)	•				60124057
		SUCTION KIT KDN 80-250/80-315 EN (DN 250)	•				60161992
		SUCTION KIT KDN 100 EN (DN 250)	•				60124058

KIT PUMP SYSTEM		DESCRIPTION	KDN	1/2 NKV	S4 - SS 6/7/8	KVT	CODE
	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
		**PUMP SYSTEM DIVER 150 T EN 12845**				•	60180500
		PUMP SYSTEM DIVER 200 T EN 12845				•	60180501

JONT MANIFOLD KIT		DESCRIPTION	KDN	1/2 NKV	S4 - SS 6/7/8	KVT	CODE
	Only in the case of units comprising two modules (electric pump and/or Diesel pump) 1 coupling KIT is required.	**JOINT MANIFOLD KIT 2KDN 32 EN COMPACT**	•				60174547
		JOINT MANIFOLD KIT 2KDN 40 EN COMPACT	•				60174548
		JOINT MANIFOLD KIT 2KDN 50 EN COMPACT	•			•	60178472
		JOINT MANIFOLD KIT 2KDN 65 EN COMPACT	•				60178473
		JOINT MANIFOLD KIT 2KDN 80 EN COMPACT	•			•	60178474
		JOINT MANIFOLD KIT 2KDN 100 EN COMPACT	•			•	60178475

BUTTERFLY VALVE

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

DESCRIPTION	KDN	1/2 NKV	S4 - SS 6/7/8	KVT	CODE
BUTTERFLY VALVE DN 65		•			002132608
BUTTERFLY VALVE DN 80 - KDN 32 - NKV 15-20	•	•			002132609
BUTTERFLY VALVE DN 100 - KDN 40	•				002132610
BUTTERFLY VALVE DN 125 - KDN 50	•				002132661
BUTTERFLY VALVE DN 150 - KDN 65	•				002132662
BUTTERFLY VALVE DN 200 - KDN 80	•				002132663
BUTTERFLY VALVE DN 250 - KDN 100	•				002132664

FOOT VALVE WITH FILTER

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

DESCRIPTION	KDN	1/2 NKV	S4 - SS 6/7/8	KVT	CODE
DN 65 FOOT VALVE WITH FILTER		•			60117394
FOOT VALVE WITH FILTER DN 80	•	•			60111919
FOOT VALVE WITH FILTER DN 100	•				60111920
FOOT VALVE WITH FILTER DN 125	•				60111921
FOOT VALVE WITH FILTER DN 150	•				60111922
FOOT VALVE WITH FILTER DN 200	•				60111923
FOOT VALVE WITH FILTER DN 250	•				60111925

ANTI-VIBRATION COUPLING FOR SUCTION LINES

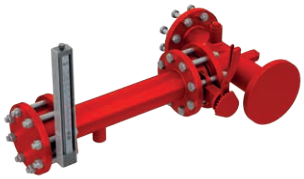
The antivibration coupling is utilised to reduce the amount of vibration transmitted to the system, this being especially important when the prime mover is a Diesel engine.
• 1 COUPLING is sufficient for 1 KDN sets (electric or Diesel) (Not compulsory according to UNI EN 12845)
• 1 COUPLING is necessary for 1NKV units and 2 COUPLINGS for 2NKV unit

DESCRIPTION	KDN	1/2 NKV	S4 - SS 6/7/8	KVT	CODE
ANTVIBR. FLANG. JOINT DN65 PN16		•			002139208
ANTVIBR. FLANG. JOINT DN80 PN16	•	•			002139209
ANTVIBR. FLANG. JOINT DN100 PN16	•				002139210
ANTVIBR. FLANG. JOINT DN125 PN16	•				002139211
ANTVIBR. FLANG. JOINT DN150 PN16	•				002139212
ANTVIBR. FLANG. JOINT DN200 PN16	•				002139263
ANTVIBR. FLANG. JOINT DN250 PN16	•				002139264

ANTIVIBRATION COUPLINGS FOR DISCHARGE MANIFOLDS

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)

DESCRIPTION	KDN	1/2 NKV	S4 - SS 6/7/8	KVT	CODE
ANTI-VIBRATING JOINT 2" - KDN 32	•	•			002139107
ANTI-VIBRATING JOINT 2" 1/2 - KDN 40	•	•			002139108
ANTI-VIBRATING JOINT DN 80 - KDN 50	•	•		•	002139209
ANTI-VIBRATING JOINT DN 100 - KDN 65	•				002139210
ANTI-VIBRATING JOINT DN 125 - KDN 80	•			•	002139211
ANTI-VIBRATING JOINT DN 150 - KDN 100	•			•	002139212

FLOW METER KIT		DESCRIPTION	KDN	1/2 NKV	S4 - SS 6/7/8	KVT	CODE
	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 SS6 - EN 12845 - FLOW METER KIT			•		60140933
		1 SS7 - 1 SS8 - EN 12845 - FLOW METER KIT			•		60118872
		FLOW METER KIT - NKV 10 EN 12845		•			60118575
		FLOW METER KIT KDN 100 EN		•			60118576
		FLOW METER KIT KDN 32 EN COMPACT	•				60174549
		FLOW METER KIT KDN 40 EN COMPACT	•				60174550
		FLOW METER KIT KDN 50 EN COMPACT	•			•	60178477
		FLOW METER KIT KDN 65 EN COMPACT	•				60178478
		FLOW METER KIT KDN 80 EN COMPACT	•			•	60178479
		FLOW METER KIT KDN 100 EN COMPACT	•			•	60178480

FLOW METER		DESCRIPTION	KDN	1/2 NKV	S4 - SS 6/7/8	KVT	CODE
	Single flow meter (measuring device) to be installed on the delivery	**FLOW METER DN 40 (3,5-25 M3/H) 1-2 NKV 10 -1S4**		•	•		002789103
		FLOW METER DN 50 (7-50 m³/h) KDN 32 - NKV 15-20	•	•			002789104
		FLOW METER DN 65 (10-80 m³/h) KDN 40 - SS6	•		•		002789105
		FLOW METER DN 80 (17,5-130 m³/h) KDN 50	•			•	002789106
		FLOW METER DN 100 (25-200 m³/h) KDN 65 - SS7 - SS8	•		•		002789107
		FLOW METER DN 125 (40-300 m³/h) KDN 80	•			•	002789108
		FLOW METER DN 150 (45-350 m³/h) KDN 100	•			•	002789109

SPARE PART KIT FOR DIESEL ENGINE		DESCRIPTION	KDN	1/2 NKV	S4 - SS 6/7/8	KVT	CODE
	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 7.1-KW(15LD)**	•			•	60175002
		SPARE PART KIT FOR DIESEL ENGINE 11-KW (25LD)	•			•	60115038
		SPARE PART KIT FOR DIESEL ENGINE 15-KW (12LD)	•			•	60115039
		SPARE PART KIT FOR DIESEL ENGINE 19-KW (9LD)	•			•	60115037
		SPARE PART KIT FOR DIESEL ENGINE 26-KW (11LD)	•			•	60115036
		SPARE PART KIT FOR DIESEL ENGINE 37-53-KW (D703)	•			•	60115161
		SPARE PART KIT FOR DIESEL ENGINE 73-KW (D754)	•			•	60115162
		SPARE PART KIT FOR DIESEL ENGINE 110-KW (D756)	•			•	60115163

REMOTE ALARM SIGNAL PANEL		DESCRIPTION	KDN	1/2 NKV	S4 - SS 6/7/8	KVT	CODE
	Suitable for sets with 1 to 3 pumps	**REMOTE ALARM SIGNAL PANEL E.FIRE MONITOR (EN 12845)**	•	•	•	•	60180517

REMOTE ALARM SIGNAL PANEL		DESCRIPTION	KDN	1/2 NKV	S4 - SS 6/7/8	KVT	CODE
	Suitable for sets with 1 or 2 pumps	**REMOTE ALARM SIGNAL PANEL CSR 1**	•	•	•	•	60118970

GSM MODULE		DESCRIPTION	KDN	1/2 NKV	S4 - SS 6/7/8	KVT	CODE
	Delivery of alarm signal to mobile phone	**GSM MODULE FOR CSR1**	•	•	•	•	60161270

PRIMING TANK		DESCRIPTION	KDN	1/2 NKV	S4 - SS 6/7/8	KVT	CODE
	N. 1 per pump	**PRIMING TANK (500 LT.) EN 12845**	•	•			60110538

FOOT VALVE WITH STRAINER		DESCRIPTION	KDN	1/2 NKV	S4 - SS 6/7/8	KVT	CODE
	No. 1 for each pump	**FOOT VALVE WITH STRAINER VR3**				•	60179846
		FOOT VALVE WITH STRAINER VR6				•	60179847

ANTI-VORTEX DISPOSITIVE		DESCRIPTION	KDN	1/2 NKV	S4 - SS 6/7/8	KVT	CODE
	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
		ANTI-VORTEX DISPOSITIVE FOR SU6 AND VR6				•	60180498

KIT FLOW SWITCH		DESCRIPTION	KDN	1/2 NKV	S4 - SS 6/7/8	KVT	CODE
	Suitable for sets with 1 or 2 pumps	**KIT FLOW SWITCH 1" EN 12845**	•	•	•	•	60114410

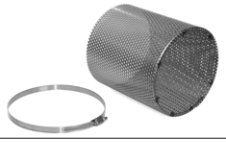
RECYCLE FLOW INDICATOR		DESCRIPTION	KDN	1/2 NKV	S4 - SS 6/7/8	KVT	CODE
		**RECYCLE FLOW INDICATOR 3/4"**	•			•	60120142

GASOLINE HARVESTER TANK		DESCRIPTION	KDN	1/2 NKV	S4 - SS 6/7/8	KVT	CODE
	For 1KDN sets with diesel engines between 15 and 26 kW included. 15 to 26 kW engines	**GASOLINE HARVESTER FOR 50 L TANK (ENG. UP TO 26 KW)**	•				60176953
	For 1KDN and 1KVT sets with diesel engines between 37 and 110 kW included. 37 to 110 kW engines	**GASOLINE HARVESTER FOR 125 L TANK (ENG. 37-103 KW)**	•			•	60178461

DIESEL ENGINE WITH HEAT EXCHANGER		DESCRIPTION	KDN	1/2 NKV	S4 - SS 6/7/8	KVT	CODE
 * Surcharge to be added to standard versions	All fire-fighting sets with diesel engine driven pumps and powers starting from 37 kW are equipped as standard with radiator cooling systems. On request, water/water heat exchanger cooled diesel engines are also available, subject to a surcharge to be added to the list prices for diesel engine driven pumps with standard radiator cooling system*	**HEAT EXCHANGER WATER/WATER FOR DIESEL ENGINE OF 37 KW**	•			•	-
		HEAT EXCHANGER WATER/WATER FOR DIESEL ENGINE OF 53 KW	•			•	-
		HEAT EXCHANGER WATER/WATER FOR DIESEL ENGINE OF 73.5 KW	•			•	-
		HEAT EXCHANGER WATER/WATER FOR DIESEL ENGINE OF 110 KW	•			•	-

COOLING SLEEVE KIT		DESCRIPTION	KDN	1/2 NKV	S4 - SS 6/7/8	KVT	CODE
		**KIT COOLING PIPE 4" L.400**			•		60125178
		KIT COOLING PIPE 4" L.525			•		60125179
		KIT COOLING PIPE 4" L.885			•		60125180
		COOLING SLEEVE KIT L. 725			•		60144213
		COOLING SLEEVE KIT L. 960			•		60144217
		COOLING SLEEVE KIT L. 1.220			•		60144218
		COOLING SLEEVE KIT L. 1.490			•		60146397

HORIZONTAL POSITIONING KIT		DESCRIPTION	KDN	1/2 NKV	S4 - SS 6/7/8	KVT	CODE
		**HORIZONTAL POSITIONING KIT 4”**			•		60125181
		HORIZONTAL POSITIONING KIT 6”			•		60146398

FILTER KIT		DESCRIPTION	KDN	1/2 NKV	S4 - SS 6/7/8	KVT	CODE
		**FILTER KIT 4”**			•		60125182
		FILTER KIT 6”			•		60146399

GENERAL CONDITIONS OF SALE

1. VALIDITY

1.1 All contracts concluded between DAB Pumps S.p.A. (hereafter referred to as "DAB") and the buyer (hereafter referred to as the "Buyer") regarding the supply of DAB products (hereafter referred to as the "Products") will be governed by the following conditions of sale (hereafter referred to as the "General Conditions of Sale").

2. ORDER ACCEPTANCE

2.1 DAB must receive all orders either completed in full in writing or via email.

2.2 Orders given verbally or by telephone must be confirmed by the Buyer in writing or via email. Failing this, DAB declines all liability for errors in carrying out the order.

2.3 DAB declines all liability for errors in carrying out orders due to a lack of written confirmation from the Buyer or an incomplete compilation of the order sent.

2.4 Orders from the Buyer become binding only when accepted by DAB in writing or via email.

2.5 All documents that explain and describe the Products, such as photographs, designs, technical specifications, data relative to dimensions and weights, are indicative only, and DAB is not responsible for any imprecision in the information contained therein. DAB also reserves the right to change the Products at any time, with no need to notify the Buyer.

2.6 DAB Pumps S.p.A. also reserves the right to produce the goods in all countries in the world.

3. ORDER CANCELLATION

3.1 The Buyer will be responsible for damages caused by the cancellation or modification of orders, which in no event will be considered valid or effective without DAB's written acceptance.

4. DELIVERY CONDITIONS

4.1 Unless otherwise agreed by the parties, the Products will be supplied EXW (Incoterms 2000) to the plant in Mestrino (PD), Italy. DAB nevertheless reserves the right to deliver the goods from places other than the Mestrino plant.

5. DELIVERY TERMS

5.1 The term of delivery begins to run on the date of notice that the goods are available.

5.2 While DAB will do everything in its power to execute the contract and/or deliver the Products within any terms agreed, it is understood that these terms are indicative and not binding, unless otherwise agreed by the parties. Therefore, in no case may DAB be required to pay damages directly or indirectly caused by the late execution of a contract or the late delivery of the Products.

5.3 Even if an essential term of delivery has been set, DAB may in no case be considered liable for any delays in the delivery due to fortuitous events, acts of God, or any causes out of its control. In these cases, DAB will execute the order as soon as the obstructing causes have been resolved.

6. WARRANTY

6.1 DAB promises to deliver Products, which conform to agreements, with no defects that would make them unsuitable for the customary use to which such products are made.

6.2 In no case is DAB required to deliver a product suitable for a particular use, unless this is expressly agreed in writing with the Buyer.

6.3 DAB is not responsible for any non-conformity or defects in the Products in the following cases:

6.3.1 If the non-conformity or defect is due to designs, projects, information, instructions, software, materials, unfinished products, components or other materials provided by the Buyer or other parties on his behalf

6.3.2 If the non-conformity or defect is due to mishandling, repairs or changes in the Product not made by DAB or authorized third parties

6.3.3 If the non-conformity or defect is due to an improper installation of the Product

6.3.4 If the non-conformity or defect is due to lack of or inadequate protection or errors in connecting the Product

6.3.5 If the non-conformity or defect is due to the use of corrosive liquids or liquids not contemplated in the documents accompanying the Product

6.3.6 If the non-conformity or defect is due to the Product's normal wear and tear

6.3.7 If the non-conformity or defect is due to the improper use of the product (for example, overloading beyond the limits indicated for the Product)

6.3.8 If the non-conformity or defect is due to an event that occurs after the risk has been transferred to the Buyer

6.4 Under penalty of forfeit, any non-conformity or defects must be reported in writing within eight days after the date of delivery of the Product or the date of discovery of any hidden non-conformity or defect, or from the date on which the Buyer could have discovered the non-conformity or defect through a careful examination of the Product, or from the date of receipt of a complaint or claim from third parties, provided this is relative to the Product and not excluded from these General Conditions of Sale.

6.5 In any event, any non-conformity or defects must be reported within 24 months for all products in the catalog.

6.6 If there is any uncertainty regarding the date of delivery, the Product's production date appearing on the plate attached to it will be considered the effective date.

6.7 The Buyer must, at his own expense, return any non-conforming or defective Products to: DAB PUMPS S.p.A., Via Marco Polo, 14 Mestrino - PD, or to the authorized DAB service center that DAB indicates.

6.8 Once the existence of the non-conformity or defect and DAB's liability have been confirmed pursuant to these General Conditions of Sale, the Buyer will be entitled, at DAB's sole discretion, to repair or replacement of the Product, or else to a price reduction or, if the price has already been paid, to a partial refund of the same based on the wear and age of the Product.

6.9 Delivery of repaired or replaced Products will be:

- postage paid for products received at the Mestrino plant
- at the authorized service center for products delivered there

6.10 Any other remedies not indicated in this article are expressly excluded, including any claims for damages incurred by the Buyer due to the non-conformity or defect.

7. PRICES

7.1 The prices indicated in the price list are considered net of any taxes and free at the DAB plant. Thus, prices do not include the cost of transport, insurance, or similar costs.

7.2 The products are invoiced at the price in effect at the time of delivery. If there are significant increases in costs, DAB reserves the right to apply the price in effect on the date of delivery, even though the delivery is later than anticipated.

8. TERMS OF PAYMENT

8.1 The supply must be paid by the term indicated in the invoice, with payment made solely to DAB according to the agreed procedures.

8.2 If payment is late, penalty interest at the official discount rate will be charged from the date of delivery of the Product, with no need for the Buyer to be officially placed in default.

9. APPLICABLE LAW AND JURISDICTION

9.1 All contracts with DAB are considered concluded in Italy and will be subject to Italian law. Any disputes will fall under the sole jurisdiction of the Court of Padua.

9.2 As a partial exception to the provisions of article 9.1, DAB, at its own discretion, will have the option of waiving application of Italian law and the jurisdiction of the Court of Padua, in order to take legal action against the Buyer before the competent Court in his domicile.

9.3 BUYER'S OBLIGATION TO INFORM. LIABILITY

DAB warrants that the Products comply with any mandatory provisions and standards imposed by laws, rules and regulations in force in the European Union. Information about mandatory provisions and standards imposed by laws, rules and regulations in force in the territory of the Buyer, if not belonging to the European Union, shall be provided in writing by the Buyer to DAB and the Buyer shall indemnify and hold harmless DAB for any loss or damage suffered by DAB as a consequence of the negligence of the Buyer in fulfilling the provisions of this article.

The Buyer

Pursuant to and for purposes of articles 1341 and 1342 of the Civil Code, the Buyer declares that he expressly approves the following clauses: 4 (Terms of Delivery); 5 (Warranty); 8 (Applicable Law and Jurisdiction).

NOTES

NOTES

NOTES

E.SWIM

COMFORTABLE TECHNOLOGY

ELECTRONIC PUMP FOR SWIMMING POOL

PAG. 100

DAB WATER•TECHNOLOGY

DNA®
PUMPS SELECTOR

On-line product selection

DAB PUMPS LTD.
Unit 4 and 5, Stortford Hall Industrial Park,
Dunmow Road,
Bishops Stortford,
Herts
CM23 5GZ - UK
salesuk@dwtgroup.com
Tel. +44 1279 652 776
Fax +44 1279 657 727

DAB PUMPS B.V.
Brusselstraat 150
B-1702 Groot-Bijgaarden - Belgium
info.belgium@dwtgroup.com
Tel. +32 2 4668353
Fax +32 2 4669218

DAB PUMPS B.V.
Albert Einsteinweg, 4
5151 DL Drunen - Nederland
info.netherlands@dwtgroup.com
Tel. +31 416 387280
Fax +31 416 387299

DAB PUMPEN DEUTSCHLAND GmbH
Tackweg 11
D - 47918 Tönisvorst - Germany
info.germany@dwtgroup.com
Tel. +49 2151 82136-0
Fax +49 2151 82136-36

DAB PUMPS IBERICA S.L.
Avenida de Castilla nr.1 Local 14
28830 - San Fernando De Henares - Madrid
Spain
info.spain@dwtgroup.com
Tel. +34 91 6569545
Fax: +34 91 6569676

DAB PRODUCTION HUNGARY KFT.
H-8800
Nagykanizsa, Buda Ernó u.5
Hungary
Tel. +36 93501700

DAB PUMPS POLAND Sp. z o.o.
Mokotów Marynarska
ul. Postępu 15C
02-676 Warszawa - Poland
polska@dabpumps.com.pl
Tel. +48 223 816 085

DAB UKRAINE Representative Office
Regus Horizon Park
4 M. Hrinchenka St, suit 147
03680 Kiev - Ukraine
Tel. +38 044 391 59 43

OOO DAB PUMPS
Novgorodskaya str. 1, block G
office 308, 127247, Moscow - Russia
info.russia@dwtgroup.com
Tel. +7 495 122 0035
Fax +7 495 122 0036

DAB PUMPS INC.
3226 Benchmark Drive
Ladson, SC 29456 - USA
info.usa@dwtgroup.com
Tel. 1-843-824-6332
Toll Free 1-866-896-4DAB (4322)
Fax 1-843-797-3366

DWT SOUTH AFRICA
Podium at Menlyn,
3rd Floor, Unit 3001b, 43 Ingersol Road,
C/O Lois and Atterbury street,
Menlyn, Pretoria, 0181 - South-Africa
info.sa@dwtgroup.com
Tel. +27 12 361 3997
Fax +27 12 361 3137

DAB PUMPS CHINA
No.40 Kaituo Road, Qingdao Economic & Technological
Development Zone
Qingdao City, Shandong Province - China
PC: 266500
info.china@dwtgroup.com
Tel. +8653286812030-6270
Fax +8653286812210

DAB PUMPS DE MÉXICO, S.A. DE C.V.
Av Gral Álvaro Obregón 270, oficina 355
Hipódromo, Cuauhtémoc 06100
México, D.F.
Tel. +52 55 6719 0493

DAB PUMPS OCEANIA PTY LTD
L1 181 Bay Street - Brighton,
Melbourne - VIC 3186 – Australia
info.oceania@dwtgroup.com
Tel. +61 (03) 9595 3841

60170445 - 01/2017

DAB
WATER•TECHNOLOGY

Via Marco Polo, 14 - 35035 Mestrino (PD) Italy - Tel. +39.049.5125000 - Fax +39.049.5125950

www.dabpumps.com