



SEWAGE
PUMPS
PUMPS
SEWAGE

01

02

03

05

06

07

08

09

10

11

12

13

SEWAGE PRODUCTS INDEX

PUMP TYPE	MAX FLOW m ³ /h	MAX FLOW l/sec	MAX HEAD m	APPLICATIONS						PAGE
				 INDUSTRIAL	 WASTE WATER  DRAINAGE WATER	 SEWAGE & TREATMENT WORKS	 HOUSING ESTATE	 GENERAL EFFLUENTS	 DOMESTIC WASTE WATER	
DG BLUE PRO	39.6	11	15	✓	✓	✓	✓	✓	✓	36
DGO RANGE	46.8	13	16	✓	✓	✓	✓	✓	✓	37
DGX STAINLESS STEEL	46.8	13	15	✓	✓	✓	✓	✓	✓	38
DGF RANGE	61.2	17	14	✓	✓	✓	✓	✓	✓	39
MAI RANGE	25.2	7	15	✓	✓	✓	✓	✓	✓	40
SMI RANGE	57.6	16	17	✓	✓	✓	✓	✓	✓	41
DGN RANGE	108	30	19	✓	✓	✓	✓	✓	✓	42
MAN RANGE	154.8	43	30	✓	✓	✓	✓	✓	✓	43
SBP RANGE	720	200	33	✓	✓	✓	✓	✓	✓	44
DGP RANGE	252	70	18	✓	✓	✓	✓	✓	✓	45
SMP RANGE	612	170	40	✓	✓	✓	✓	✓	✓	46
SBN RANGE	1260	350	43	✓	✓	✓	✓	✓	✓	47
SMN RANGE	648	180	35	✓	✓	✓	✓	✓	✓	48
E-FLOW	378	105	29	✓	✓	✓	✓	✓	✓	49
V-FLOW	108	30	17	✓	✓	✓	✓	✓	✓	50
GR BLUE PRO	18	5	26	✓	✓	✓	✓	✓	✓	51
GRI / GRN / GRP GRINDER	28.8	8	54	✓	✓	✓	✓	✓	✓	52
GRF GRINDER	21.6	6	24	✓	✓	✓	✓	✓	✓	53
TT305 / TT505 / TT510	54	15	12	✓	✓	✓	✓	✓	✓	54
TT1008 / TT1409	162	45	16	✓	✓	✓	✓	✓	✓	55
PTS80-150	342	95	45	✓	✓	✓	✓	✓	✓	56
SP RANGE	325	90	60	✓	✓	✓	✓	✓	✓	57

Uniqua products index on page 60.

INTRODUCTION

We have over 55 years' experience in providing effluent and sewage pumps and systems. Over those years our portfolio of products have improved with innovation and technology.

Our comprehensive range of sewage pumps includes vortex, single channel, double channel, grinder, cutter and chopper pump ends to cover all applications.

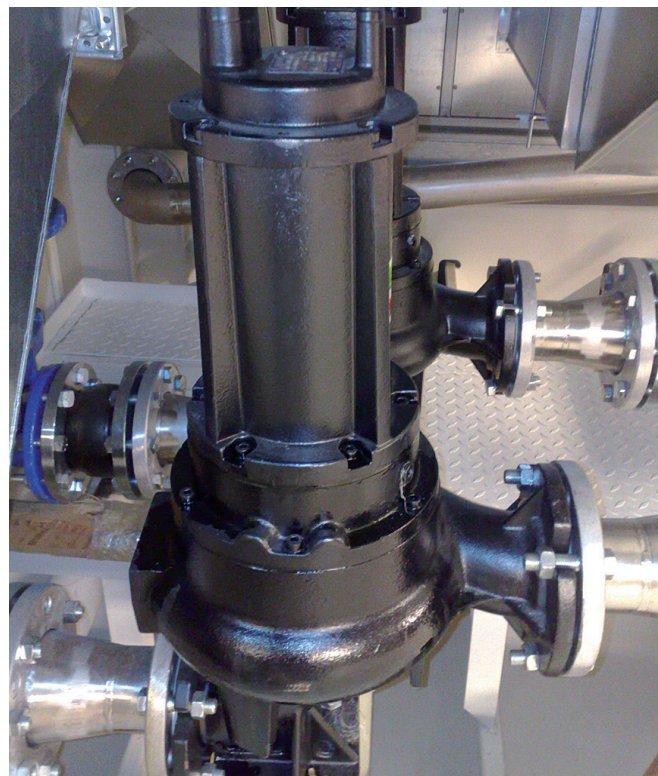
- **Uniqa Range** – A collection of high performance submersible pumps, combining efficiency and high performance. 4 – 200kW, 2 to 8 poles
- **DG Blue Pro** – A cast iron pump for domestic and professional use
- **DGO Range** – Heavy duty cast iron submersible pump with vortex impeller
- **GRN Range** – Featuring multi-channel impellers and rotating cutter blades, this pump is suited to liquid featuring long fibres
- **MAN Range** – A pump with ability to cope with solids in liquids, with single channel impeller and a superior clog-free design
- **TT Range** – A pump featuring a shredding action, produced by the impeller rotating against a special serrated suction
- **DGN Range** – A heavy duty design, with excellent solids handling, featuring a multivane vortex impeller
- **PTS Range** – Heavy duty submersible chopper pump for the toughest of applications

APPLICATIONS

- Cellars & basements
- Final effluent
- Nuisance water
- Sewage & treatment works
- Construction
- Agriculture
- Food processing
- Industrial

FEATURES

- Heads up to 105m
- Flows up to 660l/s
- Motor sizes 0.37 – 200kW
- Solids handling up to 150mm
- Motor 2 to 8 pole
- Materials cast iron / stainless steel / Bronze



DG BLUE PROFESSIONAL

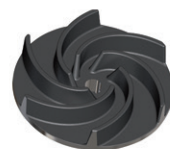
Designed for domestic and professional use, the DG Blue Pro range of sewage pumps are suitable for pumping water polluted with suspended solid particles. The cast iron Vortex impeller gives great performance in terms of flow rate and head, including integral free passage of up to 50mm.

APPLICATIONS

- CELLARS & BASEMENTS
- INDUSTRIAL SCHEMES
- FINAL EFFLUENT
- NUISANCE WATER
- HIRE FLEETS
- AGRICULTURE & FARMS
- SEWAGE & TREATMENT WORKS
- CIVIL CONSTRUCTION

FEATURES

- CAST IRON CONSTRUCTION & IMPELLER
- DOUBLE MECHANICAL SEAL WITHIN OIL BATH
- UP TO 50MM SOLIDS HANDLING
- 0.37 – 1.5kW OUTPUT
- 40 – 50mm VERTICAL DISCHARGE
- AUTOMATIC AS STANDARD
- OTHER MODELS AVAILABLE IN 110V BY REQUEST
- AUTO-COUPLING AVAILABLE



VORTEX IMPELLER



DG BLUE PROFESSIONAL



	PUMP TYPE	CURVE	OUTLET " / mm	FREE PASSAGE mm	CABLE LENGTH m	KW	WEIGHT kg	CODE	PRICE £	DELIVERY STATUS
01	DG BLUE PRO 50/2/G40V 230V/1Ph	/ A	1½" / 40mm	40	10	0.37	13	PZ/1082.005	330	
02	DG BLUE PRO 50/2/G40V 400V/3Ph	/ A	1½" / 40mm	40	10	0.37	13	PZ/1084.004	330	
03	DG BLUE PRO 75/2/G40V 110V/1Ph	/ B	1½" / 40mm	40	10	0.55	15	PZ/1086.011	350	
05	DG BLUE PRO 75/2/G40V 230V/1Ph	/ B	1½" / 40mm	40	10	0.55	15	PZ/1086.005	350	
06	DG BLUE PRO 75/2/G40V 400V/3Ph	/ B	1½" / 40mm	40	10	0.55	15	PZ/1088.004	350	
07	DG BLUE PRO 100/2/G40V 230V/1Ph	/ C	1½" / 40mm	40	10	0.74	15.5	PZ/1078.005	420	
08	DG BLUE PRO 100/2/G40V 400V/3Ph	/ C	1½" / 40mm	40	10	0.74	15.5	PZ/1079.004	420	
09	DG BLUE PRO 150/2/G50V 110V/1Ph	/ D	2" / 50mm	50	10	1.1	24	PZ/1102.006	525	
10	DG BLUE PRO 150/2/G50V 230V/1Ph	/ D	2" / 50mm	50	10	1.1	24	PZ/1102.005	530	
11	DG BLUE PRO 150/2/G50V 400V/3Ph	/ D	2" / 50mm	50	10	1.1	24	PZ/1103.002	530	
12	DG BLUE PRO 200/2/G50V 230V/1Ph	/ E	2" / 50mm	50	10	1.5	25	PZ/1104.004	590	
13	DG BLUE PRO 200/2/G50V 400V/3Ph	/ E	2" / 50mm	50	10	1.5	25	PZ/1105.002	590	

DGO RANGES

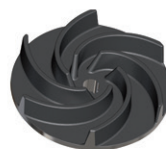
These pumps are heavy-duty, cast-iron submersibles, fitted with Vortex impeller to allow good free passage and suitable for heavy polluted liquids, sewage and liquids containing fibrous material.

APPLICATIONS

- FINAL EFFLUENT
- NUISANCE WATER
- AGRICULTURE & FARMS
- SEWAGE & TREATMENT WORKS
- CIVIL CONSTRUCTION
- EMERGENCIES
- HOUSING

FEATURES

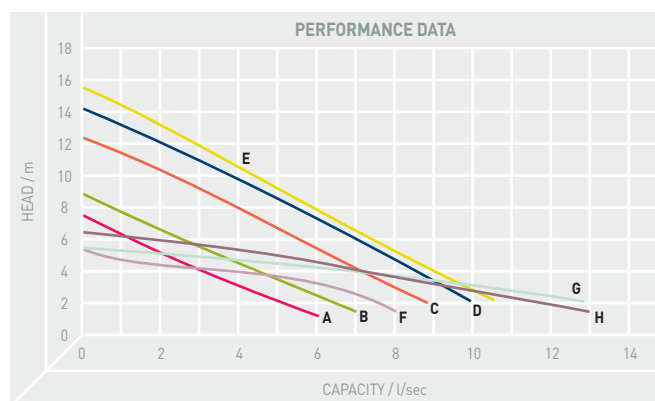
- CAST IRON CONSTRUCTION
- DOUBLE MECHANICAL SEAL WITHIN OIL BATH
- 40 – 80mm SOLIDS HANDLING
- 0.37 – 1.7kW OUTPUT
- 50 – 80mm HORIZONTAL DISCHARGE
- AUTO-COUPLING AVAILABLE



VORTEX IMPELLER



DGO (BASE NOT INCLUDED)



PUMP TYPE	CURVE	OUTLET " / mm	FREE PASSAGE mm	CABLE LENGTH m	kW	WEIGHT kg	CODE	PRICE £	DELIVERY STATUS
DGO 50/2/G50H 230V/1Ph°	/ A	2" / 50mm	40	10	0.37	16.5	PZ/0970.011	375	
DGO 50/2/G50H 400V/3Ph*	/ A	2" / 50mm	40	10	0.37	16.5	PZ/0971.004	375	
DGO 75/2/G50H 230V/1Ph*	/ B	2" / 50mm	40	10	0.55	17	PZ/0970.012	440	
DGO 75/2/G50H 400V/3Ph*	/ B	2" / 50mm	40	10	0.55	17	PZ/0973.007	440	
DGO 100/2/G50H 230V/1Ph°	/ C	2" / 50mm	50	10	0.88	19.5	PZ/DGO100H/2/1	610	
DGO 100/2/G50H 400V/3Ph*	/ C	2" / 50mm	50	10	0.88	19.5	PZ/DGO100H/2/3	610	
DGO 150/2/G50H 230V/1Ph°	/ D	2" / 50mm	50	10	1.1	20.5	PZ/DGO150H/2/1	690	
DGO 150/2/G50H 400V/3Ph*	/ D	2" / 50mm	50	10	1.1	20.5	PZ/DGO150H/2/3	690	
DGO 200/2/G50H 230V/1Ph°	/ E	2" / 50mm	50	10	1.5	21.5	PZ/DGO200M/1	730	
DGO 200/2/G50H 400V/3Ph*	/ E	2" / 50mm	50	10	1.5	21.5	PZ/DGO200T/3	730	
DGO 100/4/G50H 230V/1Ph°°	/ F	2" / 50mm	45	10	0.7	19	PZ/DGO100H/4/1	690	
DGO 100/4/G50H 400V/3Ph**	/ F	2" / 50mm	45	10	0.7	19	PZ/0482.007	690	
DGO 150/4/80 230V/1Ph°°	/ G	3" / 80mm	60	10	0.9	29	PZ/DGO150M/2	820	
DGO 150/4/80 400V/3Ph**	/ G	3" / 80mm	60	10	0.9	29	PZ/DGO150H/4/3	820	
DGO 200/2/80 230V/1Ph°°	/ H	3" / 80mm	80	10	1.7	26	PZ/DGO200/80/1	860	
DGO 200/2/80 400V/3Ph**	/ H	3" / 80mm	80	10	1.7	26	PZ/DGO200/80/3	860	
DGO 150 AND 200 MODELS REQUIRE A BASE TO BE FREE STANDING							PZS/9024.010	50	

Does not come automatic as standard. For Automatic models add £25 – P25 / Zenit Float.

°Zenit Float. *2-Pole motor. **4-Pole motor.

B

Please see the DGF range for the same pumps with explosion proof motors.



● Lead times may apply

Same day dispatch

P37

01

02

03

05

06

07

08

09

10

11

12

13

DGX STAINLESS STEEL RANGE

Excellent corrosion resistance, this range of sewage pumps are designed for domestic and professional use, suitable for treatment of water, polluted with suspended solid particles.

The stainless steel Vortex impeller gives great performance in terms of flow rate and head, including integral free passage of up to 38mm.

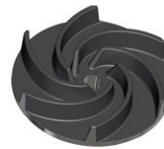
APPLICATIONS

- CELLARS & BASEMENTS
- FINAL EFFLUENT
- NUISANCE WATER
- MARINE APPLICATIONS
- SEA WATER
- CHEMICALS
- SEWAGE & TREATMENT WORKS
- CIVIL CONSTRUCTION

FEATURES

- 316 CAST STAINLESS STEEL CONSTRUCTION
- DOUBLE MECHANICAL SEAL WITHIN OIL BATH
- 38mm SOLIDS HANDLING
- 0.37 – 1.5kW OUTPUT
- 50mm VERTICAL DISCHARGE

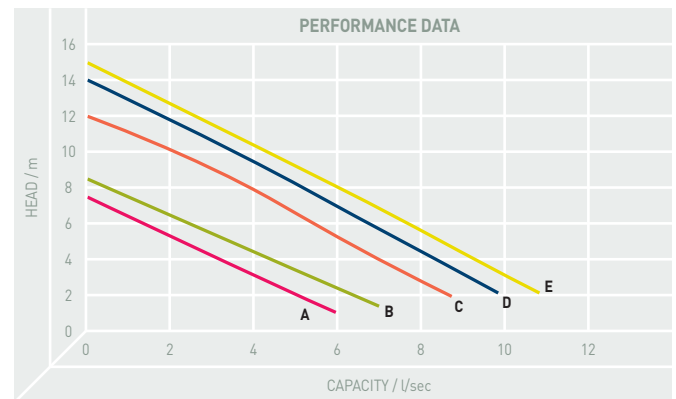
CORROSION BEATER



VORTEX IMPELLER



DGX STAINLESS STEEL



PUMP TYPE	CURVE	OUTLET " / mm	FREE PASSAGE mm	CABLE LENGTH m	kW	WEIGHT kg	CODE	PRICE £	DELIVERY STATUS
DGX 50/2/G50V 230V/1Ph	/ A	2" / 50mm	38	10	0.37	18	PZ/0188.001	1420	●
DGX 50/2/G50V 400V/3Ph	/ A	2" / 50mm	38	10	0.37	18	PZ/0189.001	1420	●
DGX 75/2/G50V 230V/1Ph	/ B	2" / 50mm	38	10	0.55	18	PZ/0190.001	1740	●
DGX 75/2/G50V 400V/3Ph	/ B	2" / 50mm	38	10	0.55	18	PZ/0191.001	1740	●
DGX 100/2/G50V 230V/1Ph	/ C	2" / 50mm	38	10	0.88	22	PZ/0192.001	2230	●
DGX 100/2/G50V 400V/3Ph	/ C	2" / 50mm	38	10	0.88	22	PZ/0193.001	2230	●
DGX 150/2/G50V 230V/1Ph	/ D	2" / 50mm	38	10	1.1	23	PZ/0196.001	2500	●
DGX 150/2/G50V 400V/3Ph	/ D	2" / 50mm	38	10	1.1	23	PZ/0197.001	2500	●
DGX 200/2/G50V 230V/1Ph	/ E	2" / 50mm	38	10	1.5	22	PZ/0200.001	2675	●
DGX 200/2/G50V 400V/3Ph	/ E	2" / 50mm	38	10	1.5	22	PZ/0201.001	2675	●

DGF RANGE



ATEX EExd IIB T4

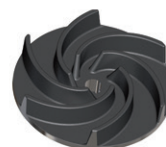
These pumps are heavy-duty, cast-iron submersibles, fitted with Vortex impeller to allow free passage and are suitable for heavily polluted liquids, sewage and liquids containing fibrous material. DGF models use an explosion-proof motor ATEX (EExd IIB T4) enabling installation in potentially explosive atmospheres.

APPLICATIONS

- CELLARS & BASEMENTS
- FINAL EFFLUENT
- NUISANCE WATER
- AGRICULTURE & FARMS
- CHEMICALS
- SEWAGE & TREATMENT WORKS
- CIVIL CONSTRUCTION
- EMERGENCIES
- HOUSING

FEATURES

- CAST IRON CONSTRUCTION
- DOUBLE MECHANICAL SEAL WITHIN OIL BATH
- 50 – 80mm SOLIDS HANDLING
- 0.55 – 1.5kW OUTPUT
- 50 – 80mm HORIZONTAL DISCHARGE
- AUTO-COUPLING AVAILABLE



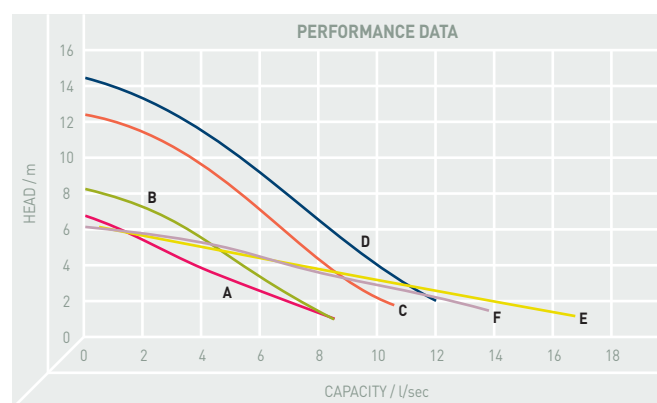
VORTEX IMPELLER



DGF (BASE NOT INCLUDED)

OPTIONS

- DGF 100/4 MODELS REQUIRE A BASE FOR FREE STANDING – PZS/9024.006 £60
- DGF 150 – 200/2 MODELS REQUIRE A BASE FOR FREE STANDING – PZS/9024.010 £50



PUMP TYPE	CURVE	OUTLET " / mm	FREE PASSAGE mm	CABLE LENGTH m	kW	WEIGHT kg	CODE	PRICE £	DELIVERY STATUS
DGF 75/2/G50H 230V/1Ph*	/ A	2" / 50mm	50	10	0.55	28	PZ/DGF75/2/1	1080	●
DGF 75/2/G50H 400V/3Ph*	/ A	2" / 50mm	50	10	0.55	28	PZ/DGF75/2/3	1080	●
DGF 100/2/G50H 230V/1Ph*	/ B	2" / 50mm	50	10	0.88	29	PZ/DGF100/2/1	1120	●
DGF 100/2/G50H 400V/3Ph*	/ B	2" / 50mm	50	10	0.88	29	PZ/DGF100/2/3	1120	●
DGF 150/2/G50H 230V/1Ph*	/ C	2" / 50mm	50	10	1.1	31	PZ/DGF150/2/1	1230	●
DGF 150/2/G50H 400V/3Ph*	/ C	2" / 50mm	50	10	1.1	31	PZ/DGF150/2/3	1230	●
DGF 200/2/G50H 230V/1Ph*	/ D	2" / 50mm	50	10	1.5	32	PZ/DGF200/2/1	1280	●
DGF 200/2/G50H 400V/3Ph*	/ D	2" / 50mm	50	10	1.5	32	PZ/DGF200/2/3	1280	●
DGF 100/4/80H 400V/3Ph**	/ E	3" / 80mm	80	10	0.74	41	PZ/DGF100/4/80H	1470	●
DGF 200/2/80H 230V/1Ph*	/ F	3" / 80mm	80	10	1.5	35	PZ/DGF200/2/80H/1	1400	●
DGF 200/2/80H 400V/3Ph*	/ F	3" / 80mm	80	10	1.5	35	PZ/DGF200/2/80H	1400	●

*2-Pole motor. **4-Pole motor.



For the same pump without the explosion-proof motor, please see our DGO Range.



● Lead times may apply

🚚 Same day dispatch

P39

01

02

03

05

06

07

08

09

10

11

12

13

MAI RANGE

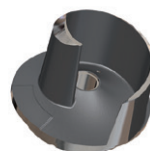
The MAI range of pumps are for applications requiring maximum ability to cope with solids in liquids, combined with best possible efficiency in pumping performance. This series uses a specially shaped open single channel impeller rotating within a tapered suction cover, a combination providing superior anti-clog characteristics for trouble free operation.

APPLICATIONS

- SEWAGE PUMPING STATION
- FOOD PROCESSING
- INDUSTRIAL
- FINAL EFFLUENT
- SEWAGE & TREATMENT WATER
- CIVIL CONSTRUCTION
- DE-WATERING

FEATURES

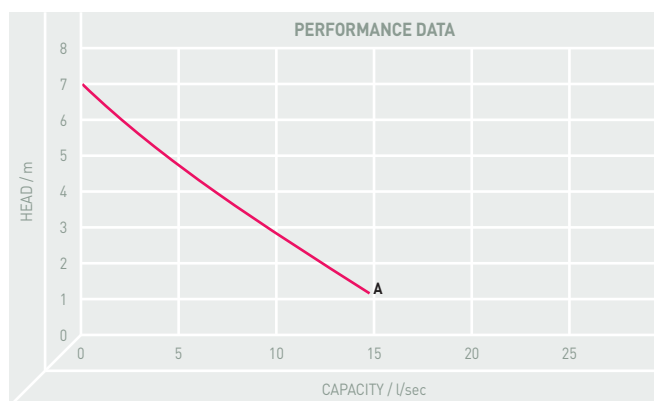
- CAST IRON CONSTRUCTION
- DOUBLE MECHANICAL SEAL WITHIN OIL BATH
- 58 x 70mm SOLIDS HANDLING
- 0.74kW OUTPUT
- 80mm HORIZONTAL DISCHARGE
- AUTOMATIC VERSION AVAILABLE UPON REQUEST
- AUTO-COUPLING AVAILABLE



IMPELLER



MAI



PUMP TYPE	CURVE	OUTLET " / mm	FREE PASSAGE mm	CABLE LENGTH m	KW	WEIGHT kg	CODE	PRICE £	DELIVERY STATUS
MAI 100/4/80 230V/1Ph	/ A	3" / 80mm	58 x 70	10	0.74	42	PZ/0352.005	1200	●
MAI 100/4/80 400V/3Ph	/ A	3" / 80mm	58 x 70	10	0.74	42	PZ/0326.005	1200	●
BASE REQUIRED FOR FREE STANDING							PZS/9024.006	60	●

SMI RANGE

SMI submersible pumps are designed for industrial use, and are scaled for heavy duty applications to guarantee ongoing high performance and quality.

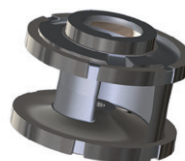
This range has a closed single channel impeller, dry motor and double mechanical seals.

APPLICATIONS

- CONSTRUCTION & HOUSING DEVELOPMENTS
- FOOD PROCESSING
- INDUSTRIAL USE
- EFFLUENT
- SEWAGE & TREATMENT WATER
- CIVIL CONSTRUCTION
- HOUSING
- DE-WATERING

FEATURES

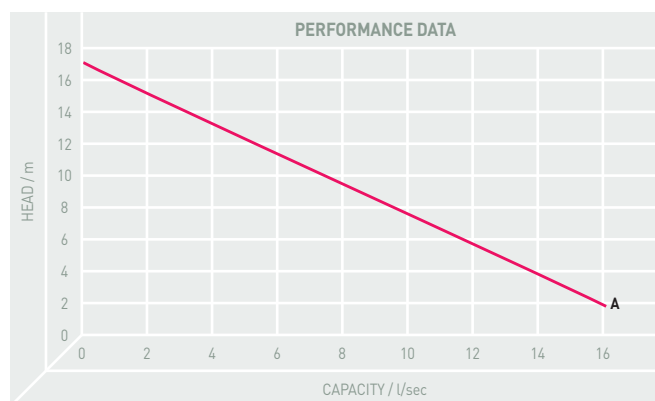
- CAST IRON CONSTRUCTION
- DOUBLE MECHANICAL SEALS WITHIN OIL BATH
- 50mm SOLIDS HANDLING
- 1.5kW OUTPUT
- 50 – 80mm DISCHARGE**
- AUTOMATIC & MANUAL VERSIONS



IMPELLER



SMI



PUMP TYPE	CURVE	OUTLET " / mm	FREE PASSAGE mm	CABLE LENGTH m	kW	WEIGHT kg	CODE	PRICE £	DELIVERY STATUS
SMI 200/2/80H 230V/1Ph	/ A	2" / 50mm BSP 3" / 80mm FLANGE**	50	10	1.5	38	PZ/0389.006	990	
SMI 200/2/80H 230V/1Ph*	/ A	2" / 50mm BSP 3" / 80mm FLANGE**	50	10	1.5	38	PZ/0389.005	1010	
SMI 200/2/80H 400V/3Ph	/ A	2" / 50mm BSP 3" / 80mm FLANGE**	50	10	1.5	38	PZ/0390.008	990	

*Automatic version.

**2" horizontal BSP threaded and 80mm PN10 flanged connection.



Please see our selection of BBA approved Package Pumping Stations.



● Lead times may apply

Same day dispatch

P41

01

02

03

05

06

07

08

09

10

11

12

13

DGN RANGE

DGN pumps are fitted with multi-vane Vortex impellers for good solids handling up to 100mm diameter, and free passage of fibrous materials.

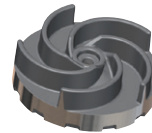
These models are intended for rigorous applications requiring heavy-duty cast iron construction and multiple mechanical seal motor protection to achieve long life. DGN offers models in 2-pole and 4-pole dry motor specification with double mechanical seals. DGN-EX are supplied with EExd motors, permitting installation in potentially hazardous explosive atmospheres.

APPLICATIONS

- CONSTRUCTION & HOUSING DEVELOPMENTS
- FOOD PROCESSING
- INDUSTRIAL USE
- NUISANCE WATER
- AGRICULTURAL & FARMS
- SEWAGE & TREATMENT WATER
- CIVIL CONSTRUCTION
- HOUSING
- DE-WATERING

FEATURES

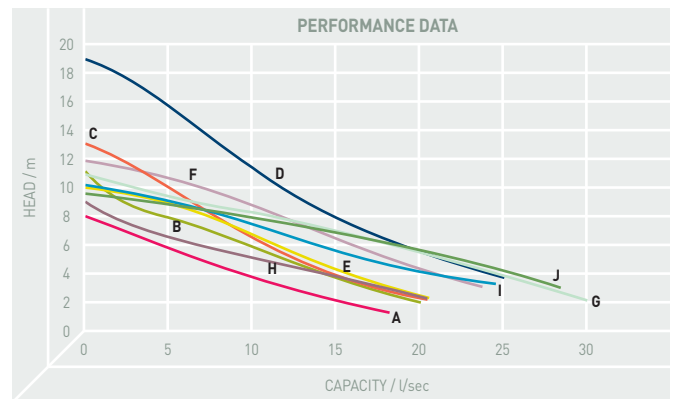
- CAST IRON CONSTRUCTION
- DOUBLE MECHANICAL SEAL WITHIN OIL BATH
- 80 – 100mm SOLIDS HANDLING
- 1.5 – 4.1kW OUTPUT
- 80 – 100mm HORIZONTAL DISCHARGE
- AUTO-COUPLING AVAILABLE
- ATEX VERSIONS AVAILABLE



VORTEX IMPELLER



DGN



PUMP TYPE	CURVE	OUTLET " / mm	FREE PASSAGE mm	CABLE LENGTH m	kW	WEIGHT kg	CODE	PRICE £	DELIVERY STATUS
DGN 250/2/80 230V/1Ph*	/ A	3" / 80mm	80	10	1.8	51	PZ/0594.008	1340	●
DGN 250/2/80 400V/3Ph*	/ A	3" / 80mm	80	10	1.8	53	PZ/0577.008	1390	●
DGN 300/2/80 400V/3Ph*	/ B	3" / 80mm	80	10	2.2	50	PZ/0509.001	1525	●
DGN 400/2/80 400V/3Ph*	/ C	3" / 80mm	80	10	3	75	PZ/0513.003	1950	●
DGN 550/2/80 400V/3Ph*	/ D	3" / 80mm	80	10	4.1	79	PZ/0517.002	2140	●
DGN 200/4/80 400V/3Ph**	/ E	3" / 80mm	80	10	1.5	64	PZ/0519.003	1660	●
DGN 300/4/80 400V/3Ph**	/ F	3" / 80mm	80	10	2.2	79	PZ/0228.001	2160	●
DGN 400/4/80 400V/3Ph**	/ G	3" / 80mm	80	10	3	83	PZ/0232.001	2240	●
DGN 200/4/100 400V/3Ph**	/ H	4" / 100mm	100	10	1.5	66	PZ/0521.022	1680	●
DGN 300/4/100 400V/3Ph**	/ I	4" / 100mm	100	10	2.2	81	PZ/0525.007	2180	●
DGN 400/4/100 400V/3Ph**	/ J	4" / 100mm	100	10	3	85	PZ/DGN400/100/3	2260	●
2 POLE MOTOR PUMPS REQUIRE BASE FOR FREE STANDING							PZS/9024.006	60	●
4 POLE MOTOR PUMPS REQUIRE BASE FOR FREE STANDING							PZS/9024.007	110	●

*2-Pole motor. **4-Pole motor.



P42

Same day dispatch

Lead times may apply ●

For the same pump with a 4-pole oil filled motor and a triple mechanical seal arrangement see the DGP range. The DGN range is also available with an explosion-proof motor.

MAN RANGE

The MAN range of pumps are for applications requiring maximum ability to cope with solids in liquids, combined with best possible efficiency in pumping performance.

This series uses a specially shaped open single channel impeller rotating within a tapered suction cover, a combination providing superior anti-clog characteristics for trouble free operation. MAN models have a sturdy cast iron construction with twin-seals.

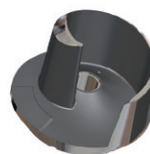
MAN-EX types are supplied with EExd motors, permitting installation in potentially hazardous explosive atmospheres.

APPLICATIONS

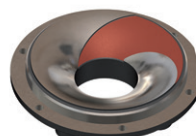
- SEWAGE PUMPING STATION
- FOOD PROCESSING
- INDUSTRIAL
- AGRICULTURE & FARMS
- SEWAGE & TREATMENT
- HOUSING

FEATURES

- CAST IRON CONSTRUCTION
- DOUBLE MECHANICAL SEAL WITHIN OIL BATH
- 40 – 80mm SOLIDS HANDLING
- 1.5 – 4.1kW OUTPUT
- 80 – 100mm HORIZONTAL DISCHARGE
- AUTO-COUPLING AVAILABLE
- ATEX VERSIONS AVAILABLE



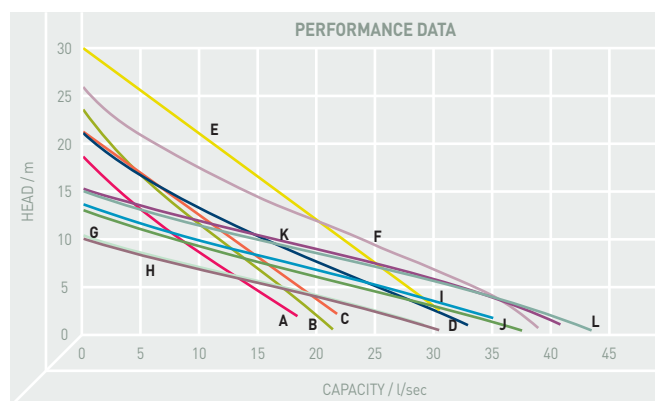
IMPELLER



ANTI-CLOG SUCTION COVER



MAN



PUMP TYPE	CURVE	OUTLET " / mm	FREE PASSAGE mm	CABLE LENGTH m	kW	WEIGHT kg	CODE	PRICE £	DELIVERY STATUS
MAN 250/2/80H 230V/1Ph*	/ A	3" / 80mm	40	10	1.8	56	PZ/MAN250/2/1	1460	●
MAN 300/2/80H 400V/3Ph*	/ B	3" / 80mm	40	10	2.2	58	PZ/MAN300/2/3	1580	●
MAN 400/2/80H 400V/3Ph*	/ C	3" / 80mm	50	10	3	74	PZ/0559.007	1930	●
MAN 400/2/100H 400V/3Ph*	/ D	4" / 100mm	50	10	3	82	PZ/MAN400/2/3	1950	●
MAN 550/2/80H 400V/3Ph*	/ E	3" / 80mm	50	10	4.1	77	PZ/0562.007	2160	●
MAN 550/2/100H 400V/3Ph*	/ F	4" / 100mm	55	10	4.1	85	PZ/MAN550/2/3	2180	●
MAN 200/4/80H 400V/3Ph**	/ G	3" / 80mm	80	10	1.5	66	PZ/0564.003	1630	●
MAN 200/4/100H 400V/3Ph**	/ H	4" / 100mm	80	10	1.5	68	PZ/565.002	1650	●
MAN 300/4/80H 400V/3Ph**	/ I	3" / 80mm	80	10	2.2	86	PZ/0566.005	2080	●
MAN 300/4/100H 400V/3Ph**	/ J	4" / 100mm	80	10	2.2	88	PZ/0567.004	2120	●
MAN 400/4/80H 400V/3Ph**	/ K	3" / 80mm	80	10	3	89	PZ/MAN400/4/3	2200	●
MAN 400/4/100H 400V/3Ph**	/ L	4" / 100mm	80	10	3	91	PZ/0569.002	2240	●
250 / 300 2 POLE MODELS REQUIRE BASE FOR FREE STANDING							PZS/9024.006	60	●
400 / 500 2 POLE, 200 / 300 4POLE MODELS REQUIRE BASE FOR FREE STANDING							PZS/9024.007	110	●

*2-Pole motor. **4-Pole motor.

B

Please note that a stand is required with MAN range pumps, please see our accessories section for further details. The MAN range is also available with an explosion-proof motor.



● Lead times may apply

🚚 Same day dispatch

P43

01

02

03

05

06

07

08

09

10

11

12

13

SBP RANGE

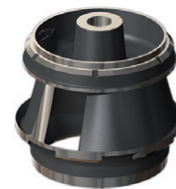
SBP submersible pumps feature a closed two-channel hydraulic system offering high performance and low consumption of energy with guaranteed durability and dependability. Cast iron assembly, for submersible operation (and dry operation with jacket). These pumps are supplied fitted with triple mechanical seals, installed in series in an oil chamber. Includes oil-filled motor.

APPLICATIONS

- CONSTRUCTION & HOUSING DEVELOPMENTS
- FOOD WASTEWATER PROCESSING
- LARGE WATER FEATURES
- INDUSTRIAL PROCESSING
- AGRICULTURE & FARMS
- SEWAGE & TREATMENT WATER
- CIVIL CONSTRUCTION
- DE-WATERING

FEATURES

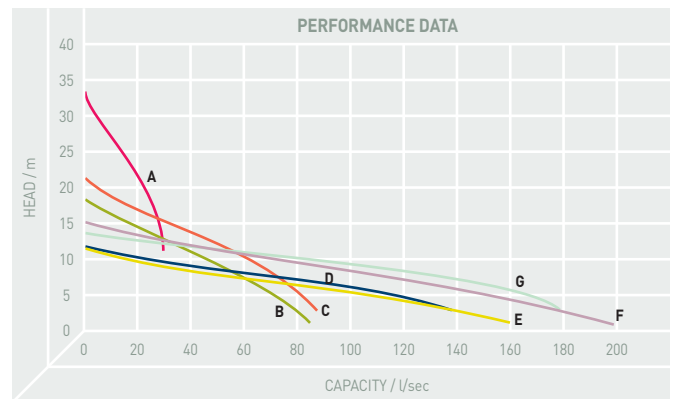
- CAST IRON CONSTRUCTION
- TRIPLE MECHANICAL SEAL WITHIN OIL BATH
- 36mm+ SOLIDS HANDLING
- 6.5 – 12.3kW OUTPUT
- 80 – 250mm HORIZONTAL DISCHARGE
- AUTO-COUPLING AVAILABLE UPON REQUEST



IMPELLER



SBP



PUMP TYPE	CURVE	OUTLET " / mm	FREE PASSAGE mm	CABLE LENGTH m	kW	WEIGHT kg	CODE	PRICE £	DELIVERY STATUS
SBP750/2/80H AOHT-E 400V/3Ph*	/ A	3" / 80mm	36	10	7.2	103	PZ/0430.002	3590	●
SBP750/4/150H AOHT-E 400V/3Ph**	/ B	6" / 150mm	70	10	6.5	135	PZ/0431.002	4650	●
SBP1000/4/150H AOHT-E 400V/3Ph**	/ C	6" / 150mm	70	10	8.9	151	PZ/0432.002	5850	●
SBP1000/6/200H AOIT-E 400V/3Ph***	/ D	8" / 200mm	100	10	8.4	215	PZ/0435.002	8100	●
SBP1000/6/250H AOIT-E 400V/3Ph***	/ E	10" / 250mm	100	10	8.4	223	PZ/0436.002	8600	●
SBP1500/6/200H AOIT-E 400V/3Ph***	/ F	8" / 200mm	105 x 140	10	12.3	245	PZ/0437.002	8700	●
SBP1500/6/250H AOIT-E 400V/3Ph***	/ G	10" / 250mm	105 x 140	10	12.3	253	PZ/0438.002	8800	●
BASE REQUIRED FOR FREE STANDING							PZS/9024.009	520	●

*2-Pole motor. **4-Pole motor. ***6-Pole motor.



P44

Same day dispatch

Lead times may apply ●

Please read on for a wide selection of valves and control equipment.



DGP RANGE

DGP pumps are fitted with multi-vane vortex impellers for good solids handling and free passage of fibrous materials. The DGP has 4-pole oil-filled motors and a triple mechanical seal arrangement.

APPLICATIONS

- CONSTRUCTION & HOUSING DEVELOPMENTS
- FOOD WASTEWATER PROCESSING
- INDUSTRIAL
- NUISANCE WATER
- AGRICULTURE & FARMS
- SEWAGE & TREATMENT
- CIVIL CONSTRUCTION
- DE-WATERING

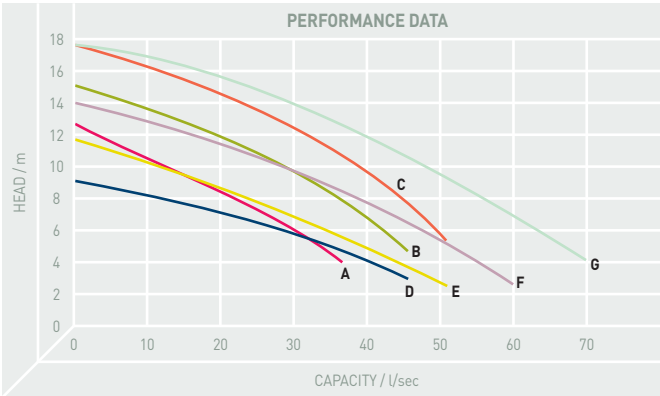
FEATURES

- CAST IRON CONSTRUCTION
- TRIPLE MECHANICAL SEAL WITHIN OIL BATH
- 60 – 85mm SOLIDS HANDLING
- 4.6 – 13.6kW OUTPUT
- 80 – 100mm HORIZONTAL DISCHARGE
- AUTO-COUPLING AVAILABLE



VORTEX IMPELLER

DGP



PUMP TYPE	CURVE	OUTLET " / mm	FREE PASSAGE mm	CABLE LENGTH m	kW	WEIGHT kg	CODE	PRICE £	DELIVERY STATUS
DGP550/4/80 400V/3Ph	/ A	3" / 80mm	60	10	4.6	81	PZ/0266.003	2640	●
DGP750/4/80 400V/3Ph	/ B	3" / 80mm	68	10	6.5	122	PZ/0268.002	3350	●
DGP1000/4/80 400V/3Ph	/ C	3" / 80mm	70	10	8.9	130	PZ/0270.002	3750	●
DGP550/4/100 400V/3Ph	/ D	4" / 100mm	70	10	4.6	84	PZ/0267.004	2830	●
DGP750/4/100 400V/3Ph	/ E	4" / 100mm	85	10	6.5	115	PZ/DGP750/100/3	3740	●
DGP1000/4/100 400V/3Ph	/ F	4" / 100mm	85	10	8.9	125	PZ/0271.002	4180	●
DGP1500/4/100 400V/3Ph	/ G	4" / 100mm	80	10	13.6	165	PZ/0273.002	5450	●

B

Please see other models within the DG range for further choice of submersible sewage pumps.



SMP RANGE

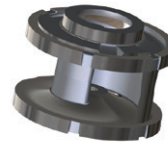
SMP submersible pumps are designed for industrial use, and are heavy duty to guarantee ongoing high performance and quality. Submersible pumps with closed single channel impeller and cast iron electro-mechanical assembly, for submersible operation (and dry operation with jacket). This range is supplied with triple mechanical seals installed in series in an oil chamber. Includes oil-filled motor.

APPLICATIONS

- CONSTRUCTION & HOUSING DEVELOPMENTS
- LARGE WATER FEATURES
- INDUSTRIAL PROCESSING
- AGRICULTURE & FARMS
- SEWAGE & TREATMENT WATER
- CIVIL CONSTRUCTION
- DE-WATERING

FEATURES

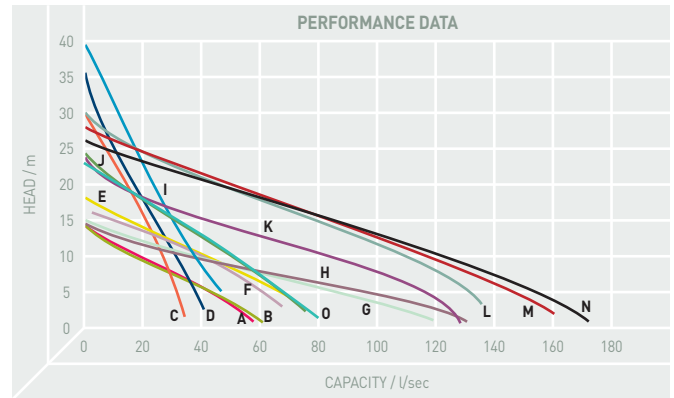
- CAST IRON CONSTRUCTION
- TRIPLE MECHANICAL SEAL WITHIN OIL BATH
- GOOD SOLIDS HANDLING
- 3 – 16.4kW OUTPUT
- 80 – 250mm DISCHARGE



IMPELLER



SMP



PUMP TYPE	CURVE	OUTLET " / mm	FREE PASSAGE mm	CABLE LENGTH m	KW	WEIGHT kg	CODE	PRICE £	DELIVERY STATUS
SMP550/2/80H AOHT-E 400V/3Ph*	/ C	3" / 80mm	53	10	4.9	73	PZ/0397.003	2740	●
SMP750/2/80H AOHT-E 400V/3Ph*	/ D	3" / 80mm	55 x 65	10	7.2	76	PZ/0398.002	3470	●
SMP1000/2/80H AOHT-E 400V/3Ph*	/ I	3" / 80mm	55 x 65	10	10	110	PZ/0399.002	3750	●
SMP400/4/100H AOFT-E 400V/3Ph**	/ A	4" / 100mm	75 x 100	10	3	81	PZ/0400.007	3590	●
SMP750/4/100H AOHT-E 400V/3Ph**	/ E	4" / 100mm	80 x 100	10	6.5	132	PZ/0402.002	4250	●
SMP1000/4/100H AOFT-E 400V/3Ph**	/ J	4" / 100mm	80	10	8.9	141	PZ/0404.002	5410	●
SMP400/4/150H AOFT-E 400V/3Ph**	/ B	6" / 150mm	75 x 100	10	3	88	PZ/0401.006	3750	●
SMP750/4/150H AOHT-E 400V/3Ph**	/ F	6" / 150mm	80 x 100	10	6.5	140	PZ/0403.002	4470	●
SMP1000/4/150H AOHT-E 400V/3Ph**	/ O	6" / 150mm	80 x 100	10	8.9	150	PZ/0405.002	5600	●
SMP1500/4/150H AOIT-E 400V/3Ph**	/ K	6" / 150mm	100 x 130	10	13.6	206	PZ/0406.002	7980	●
SMP2000/4/150H AOIT-E 400V/3Ph**	/ L	6" / 150mm	100 x 130	10	16.4	220	PZ/0407.002	8640	●
SMP2000/4/200H AOIT-E 400V/3Ph**	/ M	8" / 200mm	100 x 130	10	16.4	221	PZ/0408.002	9050	●
SMP2000/4/250H AOIT-E 400V/3Ph***	/ N	10" / 250mm	100 x 130	10	16.4	229	PZ/0409.002	9150	●
SMP750/6/200H AOHT-E 400V/3Ph***	/ G	8" / 200mm	100 x 130	10	6.1	190	PZ/0410.002	6170	●
SMP750/6/250H AOHT-E 400V/3Ph***	/ H	10" / 250mm	100 x 130	10	6.1	198	PZ/0411.002	6580	●
BASE REQUIRED FOR FREE STANDING							PZS/9024.012	340	●

*2-Pole motor. **4-Pole motor. ***6-Pole motor.

Some models require a pump base for free standing. Please see our website or speak to our Sales Team for more information.



P46

Same day dispatch

Lead times may apply ●

B

SBN RANGE

SBN submersible pumps feature a closed two-channel hydraulic system offering high performance and low consumption of energy with guaranteed durability and dependability.

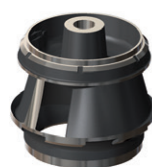
The SBN range have a cast iron assembly, for submersible operation (and dry operation with jacket). These pumps are supplied fitted with double mechanical seals and 1 lip seal installed in series in an inspectable oil chamber. Includes ecological dry motor.

APPLICATIONS

- DRAINAGE SCHEMES
- FLOOD CONTROL
- SEWAGE WORKS

FEATURES

- ROBUST, CAST IRON CONSTRUCTION
- DOUBLE MECHANICAL SEAL WITHIN OIL BATH

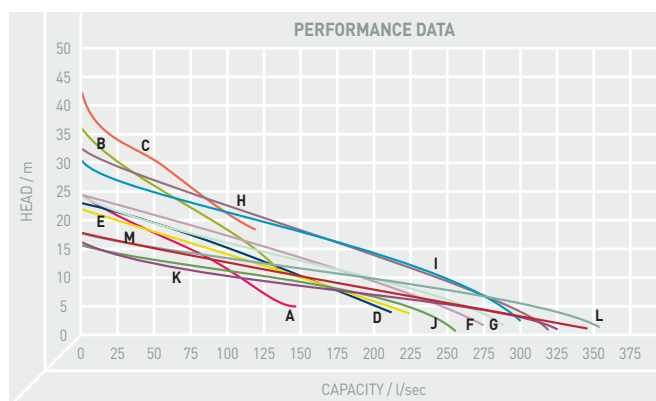
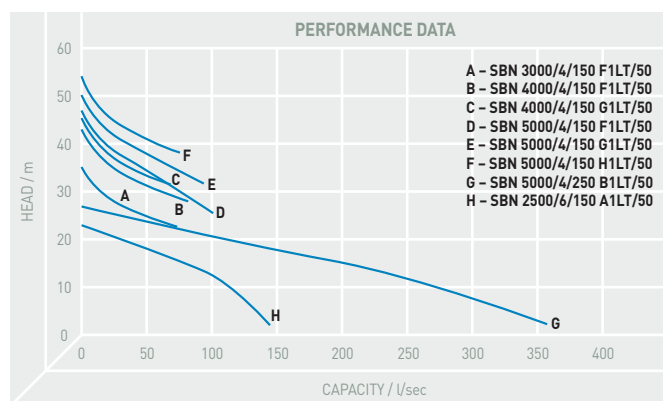


IMPELLER



SBN (BASE NOT INCLUDED)

- 150 – 300mm DISCHARGE
- 18.5 – 37kW OUTPUT
- AUTO-COUPLING AVAILABLE
- COOLING JACKET AVAILABLE
- ATEX VERSIONS AVAILABLE



PUMP TYPE	CURVE	OUTLET " / mm	FREE PASSAGE mm	CABLE LENGTH m	kW	WEIGHT kg	CODE	PRICE £	DELIVERY STATUS
SBN3000/4/150 A1LT-E 400V/3Ph	/ A	6" / 150mm	82 x 90	10	22	385	PZ/0485.002	12945	●
SBN3000/4/150 F1LT 400V/3Ph		6" / 150mm	82 x 90	10	22	385	PZ/0484.002	12945	●
SBN4000/4/150 A1LT-E 400V/3Ph	/ B	6" / 150mm	82 x 90	10	30	410	PZ/0493.001	15800	●
SBN4000/4/150 F1LT 400V/3Ph		6" / 150mm	82 x 90	10	30	410	PZ/0492.001	15800	●
SBN4000/4/150 G1LT 400V/3Ph		6" / 150mm	82 x 90	10	30	410	PZ/0491.001	15800	●
SBN5000/4/150 A1LT-E 400V/3Ph	/ C	6" / 150mm	82 x 90	10	37	423	PZ/0499.001	18550	●
SBN5000/4/150 F1LT 400V/3Ph		6" / 150mm	82 x 90	10	37	423	PZ/0498.001	18550	●
SBN5000/4/150 G1LT 400V/3Ph		6" / 150mm	82 x 90	10	37	480	PZ/0497.001	18550	●
SBN5000/4/150 H1LT 400V/3Ph		6" / 150mm	82 x 90	10	37	423	PZ/0496.002	18550	●
SBN3000/4/200 A1LT-E 400V/3Ph	/ D	8" / 200mm	105 x 140	10	22	385	PZ/0486.002	13345	●
SBN4000/4/200 A1LT-E 400V/3Ph	/ F	8" / 200mm	105 x 140	10	30	410	PZ/0494.001	15900	●
SBN5000/4/200 A1LT-E 400V/3Ph	/ H	8" / 200mm	105 x 140	10	37	423	PZ/0500.002	18950	●
SBN3000/4/250 A1LT-E 400V/3Ph	/ E	10" / 250mm	105 x 140	10	22	393	PZ/0487.002	13415	●
SBN4000/4/250 A1LT-E 400V/3Ph	/ G	10" / 250mm	105 x 140	10	30	418	PZ/0495.001	16200	●
SBN5000/4/250 A1LT-E 400V/3Ph	/ I	10" / 250mm	105 x 140	10	37	431	PZ/0501.001	18950	●
SBN5000/4/250 B1LT 400V/3Ph		10" / 250mm	105 x 140	10	37	520	PZ/0940.001	18950	●
SBN2500/6/150 A1LT 400V/3Ph		6" / 250mm	82 x 90	10	18.5	410	PZ/0502.002	15800	●
SBN2500/6/250 A2LT-E 400V/3Ph	/ J	10" / 250mm	130	10	18.5	480	PZ/0847.001	19600	●
SBN2500/6/300 A1LT-E 400V/3Ph	/ K	12" / 300mm	130	10	18.5	520	PZ/0504.002	20400	●
SBN3000/6/250 A2LT-E 400V/3Ph	/ L	10" / 250mm	130	10	22	520	PZ/0848.001	23100	●
SBN3000/6/300 A1LT-E 400V/3Ph	/ M	12" / 300mm	130	10	22	540	PZ/0506.002	23300	●
BASE REQUIRED FOR FREE STANDING							PZS/9025.009	520	●

4-Pole motor. *6-Pole motor.

B

Please call our Sales Team on if you have any questions about this pump range or associated accessories. The SBN range is also available with an explosion-proof motor.



● Lead times may apply

🚚 Same day dispatch

P47

01

02

03

05

06

07

08

09

10

11

12

13

SMN RANGE

SMN submersible pumps are designed for industrial use, and are scaled for heavy duty applications to guarantee ongoing high performance and quality.

Electric pumps with closed single channel impeller and EN-GJL-250 cast iron assembly, for submersible operation (and dry operation with jacket). Supplied fitted with 2 mechanical seals and 1 lip seal installed in series in an inspectable oil chamber. Includes ecological dry motor.

APPLICATIONS

- CONSTRUCTION & HOUSING DEVELOPMENTS
- FOOD WASTEWATER PROCESSING
- LARGE WATER FEATURES
- INDUSTRIAL
- SEWAGE & TREATMENT WORKS
- CIVIL CONSTRUCTION
- DE-WATERING
- HOUSING

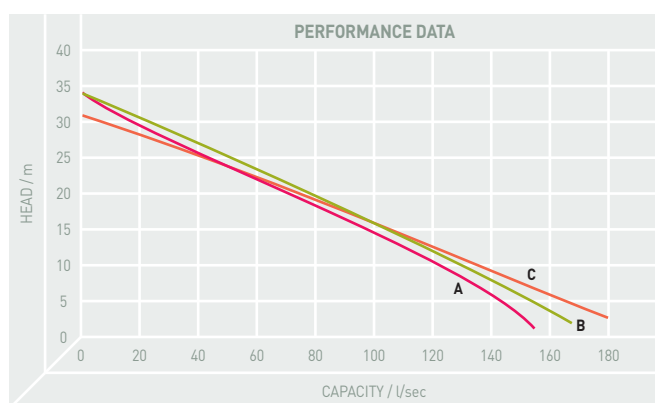
FEATURES

- CAST IRON CONSTRUCTION
- DOUBLE MECHANICAL SEAL WITHIN OIL BATH
- 100 x 130mm SOLIDS HANDLING
- 22kW OUTPUT
- 150 – 250mm HORIZONTAL DISCHARGE
- OIL SEAL LEAK SENSOR ON REQUEST
- AUTO-COUPLING AVAILABLE ON REQUEST
- ATEX VERSIONS AVAILABLE



IMPELLER

SMN



PUMP TYPE	CURVE	OUTLET " / mm	FREE PASSAGE mm	CABLE LENGTH m	kW	WEIGHT kg	CODE	PRICE £	DELIVERY STATUS
SMN 3000/4/150 A1LT-E 400V/3Ph	/ A	6" / 150mm	100 x 130	10	22	392	PZ/0394.001	12250	●
SMN 3000/4/200 A1LT-E 400V/3Ph	/ B	8" / 200mm	100 x 130	10	22	393	PZ/0395.001	12900	●
SMN 3000/4/250 A1LT-E 400V/3Ph	/ C	10" / 250mm	100 x 130	10	22	402	PZ/0396.001	13500	●
BASE REQUIRED FOR FREE STANDING							PZS/9024.009	550	●



P48

Same day dispatch

Lead times may apply ●

Please note that a base stand is required with the SMN range. The SMN range is also available with an explosion-proof motor.

B

E-FLOW RANGE

The E-Flow series are a range of submersible sewage pumps with a single-channel impeller and explosion proof motor as standard (suitable for use in Zone 1 – hazardous gas areas).

These pumps are ideal for pumping water and other liquids, with uses in sewage, effluent and drainage pumping. The E-Flow series are available with a selection of motor / impeller combinations, enabling flexibility to match specific application and performance requirements.

APPLICATIONS

- ADOPTABLE PUMPING STATION
- INDUSTRIAL PROCESSING
- SEWAGE & TREATMENT
- HOUSING

FEATURES

- CAST IRON CONSTRUCTION
- DOUBLE MECHANICAL SEAL WITHIN OIL BATH
- 76 – 105mm SOLIDS HANDLING
- 2.2 – 18.5kW OUTPUT
- 100 – 150mm DISCHARGE
- AUTO-COUPLING AVAILABLE
- OIL SEAL LEAK SENSOR AS STANDARD



PUMP TYPE	CURVE	OUTLET " / mm	FREE PASSAGE mm	CABLE LENGTH m	kW	WEIGHT kg	CODE	PRICE £	DELIVERY STATUS
E100-2.2-1 400V/3Ph	/ A	4" / 100mm	76	20	2.2	112	PB/E100-2.2-1/SL	3400	●
E100-2.2-2 400V/3Ph	/ B	4" / 100mm	76	20	2.2	112	PB/E100-2.2-2/SL	3400	●
E100-4.0-3 ASD 400V/3Ph	/ C	4" / 100mm	76	20	4.0	139	PB/E100-4.0-3/SL	3800	●
E100-4.0-4 ASD 400V/3Ph	/ D	4" / 100mm	76	20	4.0	139	PB/E100-4.0-4/SL	3800	●
E100-4.0-5 ASD 400V/3Ph	/ E	4" / 100mm	76	20	4.0	139	PB/E100-4.0-5/SL	3800	●
E100-5.5-5 ASD 400V/3Ph	/ F	4" / 100mm	76	20	5.5	141	PB/E100-5.5-5/SL	4000	●
E100-5.5-6 ASD 400V/3Ph	/ G	4" / 100mm	76	20	5.5	141	PB/E100-5.5-6/SL	4000	●
E150-7.5-2 ASD 400V/3Ph	/ H	6" / 150mm	105	20	7.5	217	PB/E150-7.5-2/SL	5100	●
E150-11-3 ASD 400V/3Ph	/ I	6" / 150mm	105	20	11	287	PB/E150-11-3/SL	6500	●
E150-15-4 ASD 400V/3Ph	/ J	6" / 150mm	105	20	15	322	PB/E150-15-4/SL	7200	●
E150-18-5 ASD 400V/3Ph	/ K	6" / 150mm	105	20	18.5	345	PB/E150-18-5/SL	7800	●
BASE REQUIRED FOR FREE STANDING							PBS/E100-0012A	90	●



Handy Hint! Look at the V-Flow range for the same pump with a Vortex-type impeller.



DESIGNED IN THE UK

● Lead times may apply

Same day dispatch

V-FLOW

The V-Flow series are a range of submersible sewage pumps with a Vortex-type impeller for excellent solids passage, avoidance of blockage and ability to handle fibrous material.

These pumps also incorporate an explosion proof motor as standard (suitable for use in Zone 1 – hazardous gas areas). V-Flow pumps are ideal for pumping water and other liquids, with uses in sewage, effluent and drainage pumping.

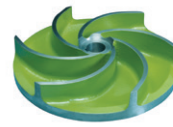
The V-Flow series are available with a selection of motor / impeller combinations, enabling flexibility to match specific application and performance requirements.

APPLICATIONS

- ADOPTABLE PUMPING STATIONS
- INDUSTRIAL PROCESSING
- SEWAGE & TREATMENT

FEATURES

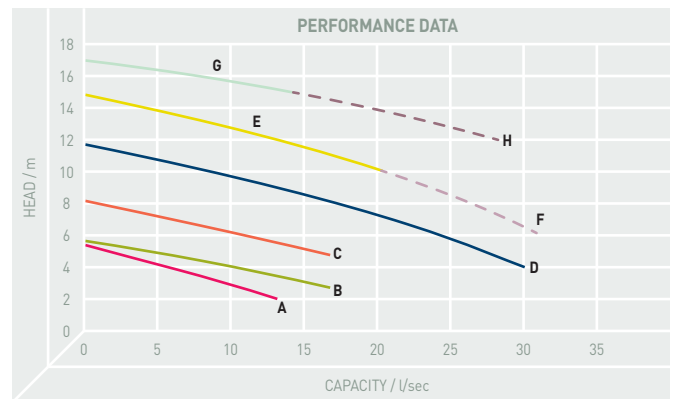
- CAST IRON CONSTRUCTION
- DOUBLE MECHANICAL SEAL WITHIN OIL BATH
- 100mm SOLIDS HANDLING
- 1.5 – 7.5kW OUTPUT
- 100mm DISCHARGE
- AUTO-COUPLING AVAILABLE
- SEAL LEAK AS STANDARD



VORTEX IMPELLER



V-FLOW (ON AUTO-COUPLING – NOT INCLUDED)



PUMP TYPE	CURVE	OUTLET " / mm	FREE PASSAGE mm	CABLE LENGTH m	kW	WEIGHT kg	CODE	PRICE £	DELIVERY STATUS
V100-1.5-1 400V/3Ph	/ A	4" / 100mm	100	20	1.5	113	PB/V100-1.5-1/SL	2300	●
V100-2.2-1 400V/3Ph	/ B	4" / 100mm	100	20	2.2	116	PB/V100-2.2-1/SL	2450	●
V100-2.2-2 400V/3Ph	/ C	4" / 100mm	100	20	2.2	116	PB/V100-2.2-2/SL	2450	●
V100-4.0-3 ASD 400V/3Ph	/ D	4" / 100mm	100	20	4.0	142	PB/V100-4.0-3/SL	2700	●
V100-4.0-4 ASD 400V/3Ph	/ E	4" / 100mm	100	20	4.0	142	PB/V100-4.0-4/SL	2700	●
V100-5.5-4 ASD 400V/3Ph	/ F	4" / 100mm	100	20	5.5	144	PB/V100-5.5-4/SL	2900	●
V100-5.5-5 ASD 400V/3Ph	/ G	4" / 100mm	100	20	5.5	144	PB/V100-5.5-5/SL	2900	●
V100-7.5-5 ASD 400V/3Ph	/ H	4" / 100mm	100	20	7.5	165	PB/V100-7.5-5/SL	3400	●
BASE REQUIRED FOR FREE STANDING							PBS/E100-0012/A	90	●
DN100 AUTO COUPLING						295	PZS/0404H032330	270	●



Handy Hint! Look at the E-Flow range for the same pump with a single-channel impeller.



GR BLUE PROFESSIONAL

Designed for domestic and professional use, the GR Blue Pro range of submersible pumps with high-head cast iron impeller and cutter, boasts an impressive 69,000 cuts per minute.

The GR Blue Pro models are equipped with an intake cutting system composed of a steel plate and triple-bladed rotary cutter. This system cuts fibres and stringy bodies and assures smooth pump function.

APPLICATIONS

- INDUSTRIAL SCHEMES
- AGRICULTURE & FARMS
- SEWAGE & TREATMENT WORKS
- IRRIGATION

FEATURES

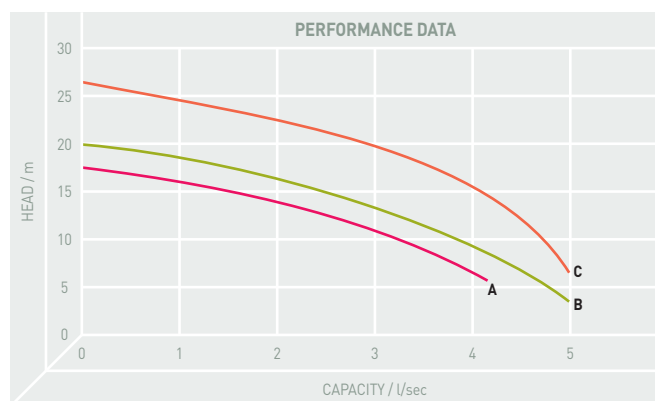
- CAST IRON CONSTRUCTION & IMPELLER
- DOUBLE MECHANICAL SEAL WITHIN OIL BATH
- 0.74 – 1.5kW OUTPUT
- 69,000 CUTS PER MINUTE
- 7mm SOLIDS HANDLING
- 40mm HORIZONTAL DISCHARGE
- AUTOMATIC AS STANDARD; CAN BE CONVERTED TO MANUAL UPON REQUEST



CUTTER



GR BLUE



PUMP TYPE	CURVE	OUTLET "/mm	FREE PASSAGE mm	CABLE LENGTH m	kW	WEIGHT kg	CODE	PRICE £	DELIVERY STATUS
GR BLUE PRO 100/2/G40H 230V/1Ph	/ A	1 1/2" / 40mm	7	10	0.74	19	PZ/1116.002	710	●
GR BLUE PRO 100/2/G40H 400V/3Ph	/ A	1 1/2" / 40mm	7	10	0.74	19	PZ/1117.002	710	●
GR BLUE PRO 150/2/G40H 230V/1Ph	/ B	1 1/2" / 40mm	7	10	1.1	24	PZ/1118.001	800	●
GR BLUE PRO 150/2/G40H 400V/3Ph	/ B	1 1/2" / 40mm	7	10	1.1	24	PZ/1119.002	800	●
GR BLUE PRO 200/2/G40H 230V/1Ph	/ C	1 1/2" / 40mm	7	10	1.5	25	PZ/1120.001	1090	●
GR BLUE PRO 200/2/G40H 400V/3Ph	/ C	1 1/2" / 40mm	7	10	1.5	25	PZ/1121.001	1090	●

B

Please also see our GRN range of heavy duty grinder pumps.



● Lead times may apply

🚚 Same day dispatch

P51

01

02

03

05

06

07

08

09

10

11

12

13

GRI / GRN / GRP GRINDER RANGES

These models feature multi-channel open impellers and separate rotating cutter blades operating at the pump intake.

Well-suited for use with liquids containing long fibres or solids which require cutting prior to being pumped, minimising the risk of blocking and providing efficiency and economy. GRN models are fitted with double mechanical seals and oil-filled motor for more demanding applications. GRP models are fitted with triple mechanical seals and an oil-filled motor. All units are constructed in cast iron for strength and durability, with a special hardened steel cutter.

APPLICATIONS

- SEWAGE PUMPING STATIONS
- INDUSTRIAL PROCESSES
- AGRICULTURE & FARMS
- IRRIGATION
- SEWAGE & TREATMENT WORKS
- HOUSING

FEATURES

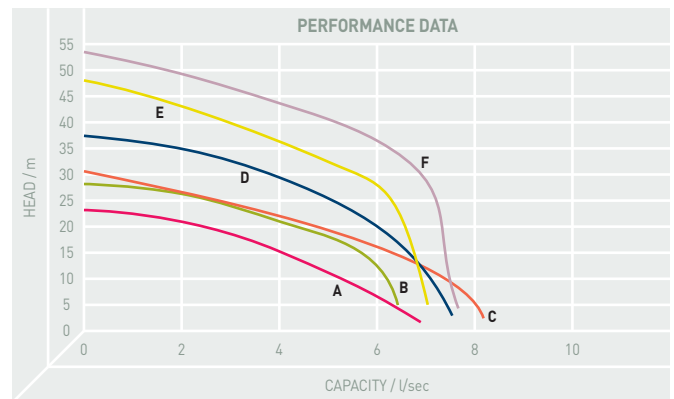
- CAST IRON CONSTRUCTION
- GRN - DOUBLE MECHANICAL SEAL WITHIN OIL BATH
- GRP - TRIPLE MECHANICAL SEAL WITHIN OIL BATH
- 7mm SOLIDS HANDLING
- 2.2 - 7.2kW OUTPUT
- 50mm HORIZONTAL DISCHARGE
- AUTO-COUPLING AVAILABLE
- CUTTING ACTION GIVES 69,000 CUTS PER MINUTE
- ATEX VERSIONS AVAILABLE



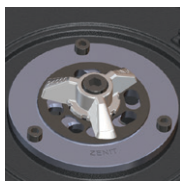
GRI

GRN
(BASE NOT INCLUDED)

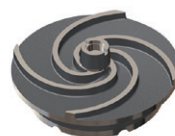
GRP



PUMP TYPE	CURVE	OUTLET " / mm	FREE PASSAGE mm	CABLE LENGTH m	kW	WEIGHT kg	CODE	PRICE £	DELIVERY STATUS
GRI 200/2/G50H-AOCM 230V/1Ph	/ A	2" / 50mm	7	10	1.7	84	PZ/0278.004	1290	●
GRI 200/2/G50H-AOCT 400V/3Ph	/ A	2" / 50mm	7	10	1.7	91	PZ/0279.004	1290	●
GRN 250/2/G40 230V/1Ph	/ B	1 1/2" / 40mm	7	10	1.8	44	PZ/GRN250M	1540	●
GRN 250/2/G40 400V/3Ph	/ B	1 1/2" / 40mm	7	10	1.8	44	PZ/GRN250T	1540	●
GRN 300/2/G50H 400V/3Ph	/ C	2" / 50mm	7	10	2.2	47	PZ/GRN300T/3	1720	●
GRN 400/2/G50H 400V/3Ph	/ D	2" / 50mm	7	10	3	69	PZ/GRN400T/3	2100	●
GRN 550/2/G50H 400V/3Ph	/ E	2" / 50mm	7	10	4.1	84	PZ/GRN550T/3	2300	●
GRP 750/2/G50H 400V/3Ph	/ F	2" / 50mm	7	10	7.2	91	PZ/GRP750T/3	4200	●
BASE REQUIRED FOR FREE STANDING							PZS/9024.006	60	●



GRINDER SYSTEM



IMPELLER



P52

Same day dispatch

Lead times may apply ●

Please note that a base stand will be required with the GRN range, please see the accessories section for further details. Appropriate base stand - PZS/9024.006. The GRN / GRP range is also available with an explosion-proof motor.

B

GRF GRINDER



ATEX EExd IIB T4

GRF models feature multi-channel open impellers and separate rotating cutter blades operating at the pump intake.

Well-suited for use with liquids containing long fibres or solids which require cutting prior to being pumped, minimising the risk of blocking and providing efficiency and economy. GRF models all have explosion-proof motors. All units are constructed in cast-iron for strength and durability, with special hardened steel cutter.

APPLICATIONS

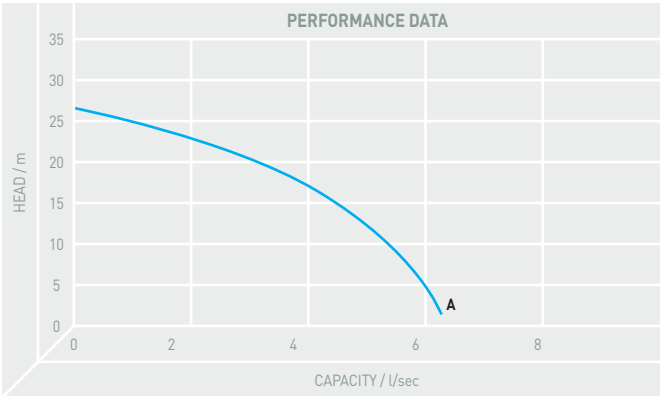
- DOMESTIC & INDUSTRIAL
- AGRICULTURAL & FARMS
- IRRIGATION
- PUMPING STATIONS
- SEWAGE & TREATMENT WORKS
- HOUSING

FEATURES

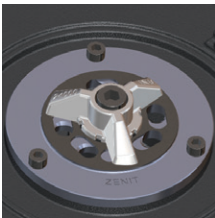
- CAST IRON CONSTRUCTION
- DOUBLE MECHANICAL SEAL WITHIN OIL BATH
- 7mm SOLIDS HANDLING
- 1.5kW OUTPUT
- 40mm HORIZONTAL DISCHARGE
- CUTTING ACTION GIVES 69,000 CUTS PER MINUTE
- AUTO-COUPLING AVAILABLE ON REQUEST



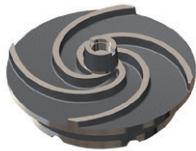
GRF (BASE NOT INCLUDED)



PUMP TYPE	CURVE	OUTLET " / mm	FREE PASSAGE mm	CABLE LENGTH m	kW	WEIGHT kg	CODE	PRICE £	DELIVERY STATUS
GRF 200/2/G40H 230V/1Ph	/ A	1½" / 40mm	7	10	1.5	32	PZ/GRF200M/2/1	1620	●
GRF 200/2/G40H 400V/3Ph	/ A	1½" / 40mm	7	10	1.5	32	PZ/GRF200T/2/3	1620	●
BASE REQUIRED FOR FREE STANDING							PZS/9024.006	60	●



GRINDER SYSTEM



IMPELLER

B

Please note that a base stand will be required with the GRF range, please see the accessories section for further details. Appropriate base stand – PZS/9024.006.



TT305 / TT505 / TT510

The TT305, TT505 and TT510 submersible pumps are designed for transferring sewage and effluent, and for dirty water drainage.

This range of pumps have a shredding action produced by the impeller rotating against a special serrated suction cover, and reduces any destructible matter to a manageable size for pumping, minimising the risk of blockage and allowing better efficiency and economy.

APPLICATIONS

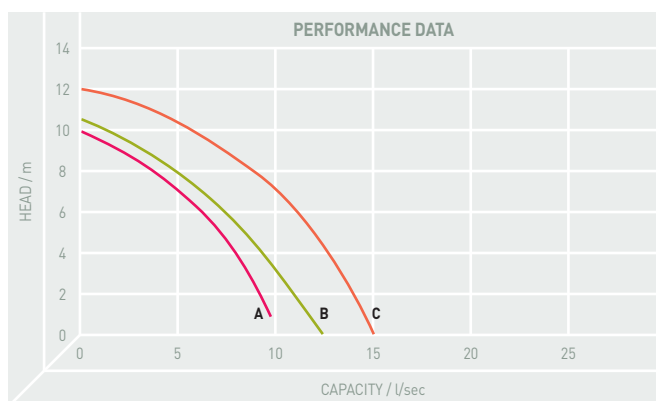
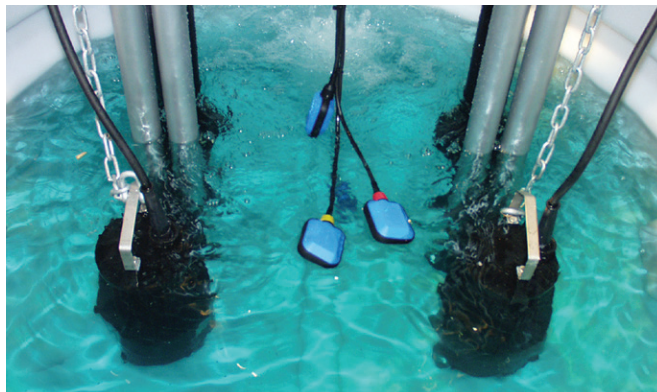
- SEWAGE PUMPING STATIONS
- DOMESTIC & INDUSTRIAL
- AGRICULTURE & FARMS
- SEWAGE & TREATMENT WORKS
- HOUSING

FEATURES

- CAST IRON CONSTRUCTION
- DOUBLE MECHANICAL SEAL WITHIN OIL BATH
- 15mm SOLIDS HANDLING
- 0.85 – 1.8kW OUTPUT
- 80mm DISCHARGE
- AUTO-COUPLING AVAILABLE



TT505
(AUTO-COUPLING FOR
ILLUSTRATION PURPOSES ONLY)



PUMP TYPE	CURVE	OUTLET " / mm	FREE PASSAGE mm	CABLE LENGTH m	kW	WEIGHT kg	CODE	PRICE £	DELIVERY STATUS
TT305 230V/1Ph	/ A	3" / 80mm	15	10	0.85	51	PE/TT305/1	1150	
TT305 400V/3Ph	/ A	3" / 80mm	15	10	0.85	51	PE/TT305/3	1150	
TT505 230V/1Ph	/ B	3" / 80mm	15	10	1.25	55	PE/TT505/1	1250	
TT505 400V/3Ph	/ B	3" / 80mm	15	10	1.2	51	PE/TT505/3	1250	
TT510 400V/3Ph	/ C	3" / 80mm	15	10	1.8	55	PE/TT510/3	1280	
DN80 AUTO-COUPLING						26	PZS/80-A/COUP	230	
FREE STANDING BASE							PES/TT505-STAND	40	
VERTICAL OUTLET							A4/12419	65	

TT1008 / TT1409

The TT1008 and TT1409 submersible pumps are designed for transferring sewage and effluent, and for dirty water drainage.

A shredding action is produced by the impeller rotating against a special serrated suction cover, and reduces any destructible matter to a manageable size for pumping, minimising the risk of blockage and allowing better efficiency and economy.

APPLICATIONS

- CONSTRUCTION & HOUSING DEVELOPMENTS
- FOOD EFFLUENTS
- LARGE WATER FEATURES
- INDUSTRIAL PROCESSES
- AGRICULTURE & FARMS
- SEWAGE & TREATMENT WORKS
- HOUSING

FEATURES

- CAST IRON CONSTRUCTION
- DOUBLE MECHANICAL SEAL WITHIN OIL BATH
- CUTTER KITS NO SOLIDS
- 4 – 5.5kW OUTPUT
- 100mm DISCHARGE



PUMP TYPE	CURVE	OUTLET " / mm	FREE PASSAGE mm	CABLE LENGTH m	kW	WEIGHT kg	CODE	PRICE £	DELIVERY STATUS
TT1008 400V/3Ph	/ A	4" / 100mm	100	8	4	140	PE/TT1008/3	2600	●
TT1409 400V/3Ph	/ B	4" / 100mm	100	8	5.5	140	PE/TT1409/3	3100	●
BASE REQUIRED FOR FREE STANDING							A3/10747	100	●
VERTICAL OUTLET							A4/12420	45	●

B

Please note that these pumps are 100mm solids handling as standard.



PTS 80 – 150 SERIES

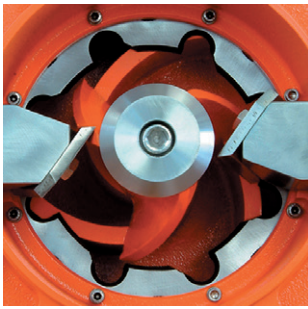
The PTS series are a range of heavy duty submersible chopping pumps, ideal for particularly heavy applications that require a preliminary chopping of the solid material suspended in the liquid being pumped. Each pump has a large, through-passage, open multi-channel impeller and double cutting system in suction inlet.

APPLICATIONS

- SEWAGE PUMPING STATION
- FOOD PROCESSING EFFLUENTS
- PROCESSES & INDUSTRIAL
- AGRICULTURE & FARMS
- SEWAGE & TREATMENT WORKS
- HOUSING & NURSING HOMES
- BIOGAS PROCESS

FEATURES

- CAST IRON CONSTRUCTION
- TOUGH DOUBLE CHOPPING ACTION
- DOUBLE MECHANICAL SEAL WITHIN OIL BATH
- 80 – 150mm DISCHARGE
- 2.2 – 18.5kW OUTPUT
- AUTO COUPLING AVAILABLE



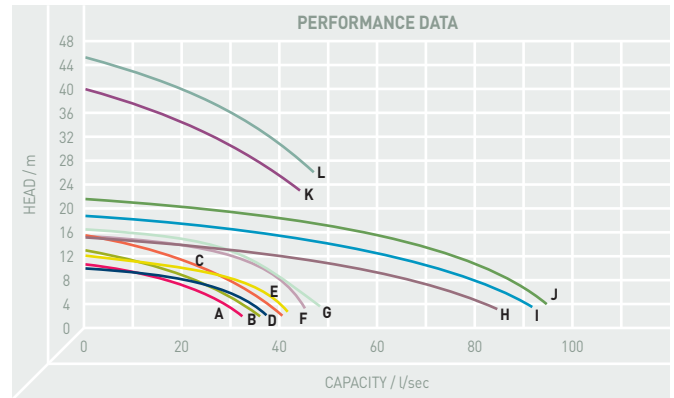
See video on
YouTube



PTS 80 SERIES



PTS 100 - 150 SERIES



	PUMP TYPE	CURVE	OUTLET " / mm	CABLE LENGTH m	kW	WEIGHT kg	CODE	PRICE £	DELIVERY STATUS
4 POLE MOTOR	PTS 2.2-80 400V/3Ph*	/ A	3" / 80mm	10	2.2	73	PCR/PTS2.2-80/3	2800	●
	PTS 3-80 400V/3Ph*	/ B	3" / 80mm	10	3	75	PCR/PTS3-80/3	2900	●
	PTS 4-80 400V/3Ph*	/ C	3" / 80mm	10	4	76	PCR/PTS4-80/3	2950	●
	PTS 4-100 400V/3Ph	/ D	4" / 100mm	10	4	87	PCR/PTS4-100/3	3450	●
	PTS 5.5-100 400V/3Ph	/ E	4" / 100mm	10	5.5	121	PCR/PTS5.5-100/3	3950	●
	PTS 7.5-100 400V/3Ph	/ F	4" / 100mm	10	7.5	127	PCR/PTS7.5-100/3	4000	●
	PTS 9-100 400V/3Ph	/ G	4" / 100mm	10	9	132	PCR/PTS9-100/3	4100	●
	PTS 11-150 400V/3Ph	/ H	6" / 150mm	10	11	206	PCR/PTS11-150/3	5950	●
	PTS 15-150 400V/3Ph	/ I	6" / 150mm	10	15	219	PCR/PTS15-150/3	6050	●
2 POLE MOTOR	PTS 18.5-150 400V/3Ph	/ J	6" / 150mm	10	18.5	225	PCR/PTS18.5-150/3	6300	●
	PTS 15-80 400V/3Ph*	/ K	3" / 80mm	10	15	219	PCR/PTS15-80/3	6200	●
	PTS 18.5-80 400V/3Ph*	/ L	3" / 80mm	10	18.5	225	PCR/PTS18.5-80/3	6400	●

*Available with heavy duty cutting system – £350. Stand required for free standing – please call Sales Team.



P56

Same day dispatch

Lead times may apply ●

Why not see this product in action?
Visit <http://www.youtube.com/watch?v=nK381iuPd4M>



SP RANGE

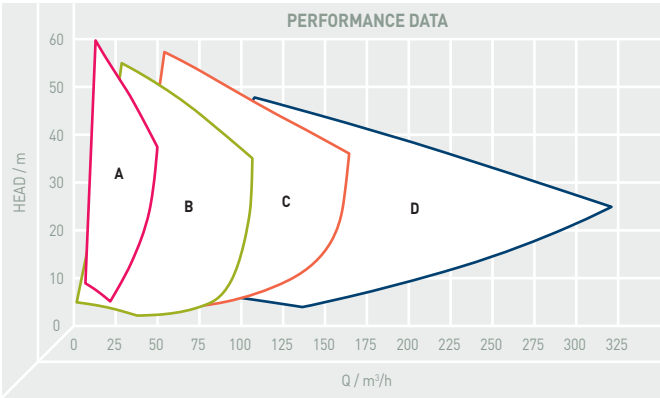
A non-clogging self-priming sewage pump for applications which require good solids handling and ease of maintenance. A major feature of the range is the ease of maintenance without the use of major tools.

APPLICATIONS

- SEWAGE LIFT STATIONS
- VEGETABLE PROCESSING
- TREATMENT PLANT
- PUMPING LIQUIDS WITH A CONCENTRATION OF SOLIDS IN SUSPENSION
- ABATTOIRS & TANNERY

FEATURES

- EXCELLENT SOLIDS HANDLING
- EASE OF MAINTENANCE
- COST EFFECTIVE
- SELF-PRIMING
- SEMI-OPEN IMPELLER STRUCTURE FOR NON-CLOGGING
- EASY ACCESS TO IMPELLER FOR MAINTENANCE



MODEL	CURVE	OUTLET mm	SOLIDS HANDLING mm	MAX HEAD m	RPM RANGE m³/h	MOTOR RANGE kW	MAX SUCTION	DELIVERY STATUS
SP-2	/ A	50	38	38	1150 – 2900	15 – 40	UP TO 6.5	●
SP-3	/ B	80	63	63	650 – 2150	25 – 85	UP TO 7.6	●
SP-4	/ C	100	76	76	650 – 1950	40 – 135	UP TO 7.6	●
SP-6	/ D	150	76	76	650 – 1550	100 – 280	UP TO 7.6	●

The suction lift is dependent on the speed of the pump and application characteristics, please contact the Sales Team for advice.



Full design and installation service available, please contact our Sales Team for further information.



NOTES

ELECTRIC SUBMERSIBLE PUMPS



THE FUTURE OF EFFLUENT & DRAINAGE PUMPING

ADVANCE ENGINEERING

HIGH EFFICIENCY

ENGINEERED RELIABILITY



01

02

03

05

06

07

08

09

10

11

12

13

UNIQA PRODUCTS INDEX

PUMP TYPE	MAX FLOW m³/h	MAX FLOW l/sec	MAX HEAD m	APPLICATIONS						PAGE
				 INDUSTRIAL	 WASTE WATER  DRAINAGE WATER	 SEWAGE & TREATMENT WORKS	 HOUSING ESTATE	 GENERAL EFFLUENTS	 DOMESTIC WASTE WATER	
ZUG V 065A	104.4	29	26	✓	✓	✓	✓	✓	✓	68
ZUG V 080A	158.4	44	26	✓	✓	✓	✓	✓	✓	69
ZUG V 080B	158.4	44	47	✓	✓	✓	✓	✓	✓	70
ZUG V 080C	165.6	46	12.5	✓	✓	✓	✓	✓	✓	71
ZUG V 100A	252	70	76	✓	✓	✓	✓	✓	✓	72
ZUG V 100B	266.4	74	24	✓	✓	✓	✓	✓	✓	73
ZUG V 150A	396	110	18	✓	✓	✓	✓	✓	✓	74
ZUG OC 100A	331.2	92	27	✓	✓	✓	✓	✓	✓	75
ZUG OC 100B	486	135	45	✓	✓	✓	✓	✓	✓	76
ZUG OC 100E	284.4	79	13	✓	✓	✓	✓	✓	✓	77
ZUG OC 100F	270	75	26	✓	✓	✓	✓	✓	✓	78
ZUG OC 100J	226.8	63	16	✓	✓	✓	✓	✓	✓	79
ZUG OC 150A	504	140	26	✓	✓	✓	✓	✓	✓	80
ZUG OC 150D	424.8	118	13	✓	✓	✓	✓	✓	✓	81
ZUG OC 150F	738	205	37	✓	✓	✓	✓	✓	✓	82
ZUG OC 150G(4PC)	576	160	44	✓	✓	✓	✓	✓	✓	83
ZUG OC 150G (6PC)	424.8	118	19	✓	✓	✓	✓	✓	✓	84
ZUG OC 200A	644.4	179	18	✓	✓	✓	✓	✓	✓	85
ZUG OC 200B (4PC)	1980	550	35	✓	✓	✓	✓	✓	✓	86
ZUG OC 200 (6PC)	824.4	229	36	✓	✓	✓	✓	✓	✓	87
ZUG OC 250C	1062	295	17	✓	✓	✓	✓	✓	✓	88
ZUG OC 250H (4PC)	871.2	242	36	✓	✓	✓	✓	✓	✓	89
ZUG OC 250H (6PC)	608.4	169	16	✓	✓	✓	✓	✓	✓	90
ZUG OC 250B	2070	575	70	✓	✓	✓	✓	✓	✓	91
ZUG OC 300B	2160	600	65	✓	✓	✓	✓	✓	✓	92
ZUG OC 300C	1980	550	34	✓	✓	✓	✓	✓	✓	93

UNIQA INTRODUCTION



Due to the success of our UNIQA® range of high efficiency, submersible electric pumps from Zenit, T-T are proud to introduce an expanded range which are now fully detailed within this section of the catalogue.

Reduced CO2 emissions, lower costs and environmental protection, are issues that affect us all closely and which we need to take care of for the sake of future generations. UNIQA® motors correspond to IE3 efficiency class and match S1 duty cycle standards for submersed operation at a temperature of 60° C, as per NEMA A.

In wastewater applications the reliability of an electric submersible pump is essential for smooth operation, steady performance and continuous work cycles without undesired system shutdowns. For this reason, UNIQA® is made of innovative materials and is equipped with cutting-edge technical features such as the new patented cooling system. All these attributes make UNIQA® a safe and reliable product.

The UNIQA® range represents the perfect solution for any wastewater application, with a choice of 2, 4, 6 or 8 pole motors from 4 to 355kW, 50 and 60Hz, and discharge ports from DN65 to DN500. The Vortex impeller that allows for wider free passage, paired with the anti-clogging system, guarantees the optimum performance of every UNIQA® model in any application.

LIFE CYCLE COST (LCC)

Life Cycle Cost consists of 3 basic factors: initial costs, energy costs and maintenance. It must be remembered that a pump or system's energy costs, together with installation, environmental, disposal and stoppage costs, account for 85 per cent of the total cost. Maintenance then amounts to an additional 5 per cent. It thus becomes clear that the initial cost only accounts for 10 per cent of LCC.

Therefore, giving a submersible pump a highly efficient motor and internal components can guarantee impressive energy savings, recouping the extra investment compared to the purchase of a pump with the same hydraulic characteristics but poorer energy efficiency within just two years*.

*Regular inspection of the system's components, operation and performance is essential for the achievement of efficiency targets.

Please note our UNIQA® range is constantly expanding. To ensure your exact requirements are met please contact our T-T sales office, where our team can offer expert selection advice.



01

02

03

05

06

07

08

09

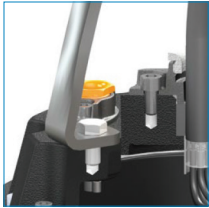
10

11

12

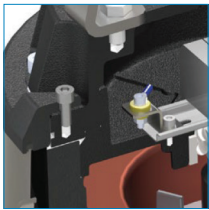
13

UNIQA CONSTRUCTION



CABLE GLAND

The standard cable gland is entirely robust but further advanced sealing is available for the most demanding applications.



MOTOR COMPARTMENT

Option to install one or more water / humidity sensors in the motor compartment.



MOTOR SHAFT

The whole range is equipped with AISI 431 stainless steel shafts. The NITRONIC 50 version is also available upon request (this type of stainless steel has higher chemical and mechanical resistance compared to AISI 316 and AISI 329).



BEARINGS

Oversized heavy-duty bearings designed for 50,000 hours of operation.



SUPERIOR SEALING

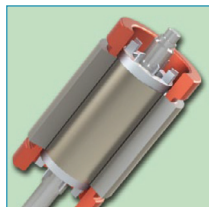
Two silicon carbide mechanical seals in the oil sump and V-rings. The oil can be checked and changed even with the pump vertical, using plugs on the exterior of the mount.



FLANGES

Various flange drilling are available, including ANSI and BS.





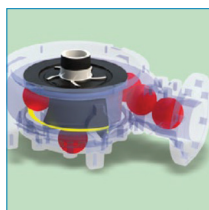
MOTOR

High-efficiency PREMIUM IE3 motors function, in according with NEMA A standard, and isolation in class H. Guaranteed S1 duty cycle in fluids at 60°C or higher temperature.

Generally, since energy costs are higher than other expenses, continuous duty provides higher savings compared to a conventional system and the initial investment in a **high efficiency systems** is soon recouped, without considering the considerable advantages in terms of environmental footprint.



	OPERATION - HOURS / YEAR			COSTS - %
	2000	4000	6000	
PURCHASE	3.8	1.9	1.3	
MAINTENANCE	1.0	1.0	1.0	
ENERGY	95.2	97.1	97.7	

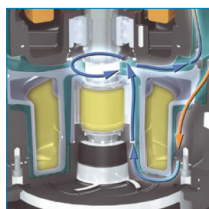
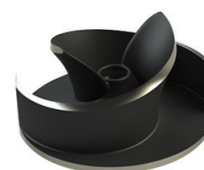
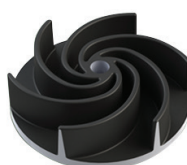


HYDRAULICS

All hydraulic components are designed to provide highest efficiency and best performance combined with wide free passage. The series is based on two different impeller types: high-efficiency **Vortex** or **channel** impellers.

All models with open-channel impeller have an axial adjustment system that maintains the impeller's balance for unchanged pump performance even at first signs of wear.

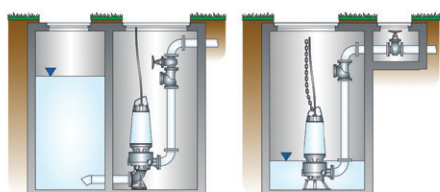
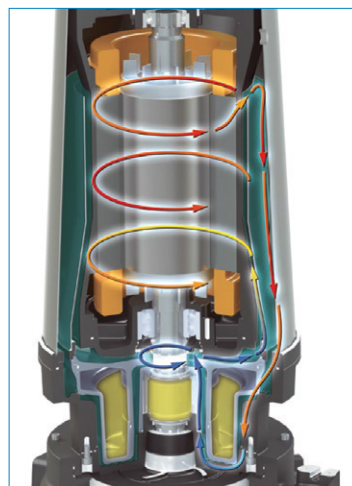
The Anti-Clogging-System (ACS) prevents blocking the impeller even in heavy-duty conditions.



COOLING SYSTEM (PATENTED)

The motor is cooled down by a **patented** closed-circuit internal re-circulation system. This way, should any soiled liquid penetrate the oil chamber due to possible wear of the first mechanical seal, the fluid used in the process wouldn't be affected.

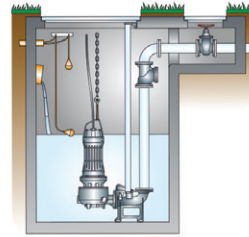
Continuous duty can be maintained with a unsubmerged motor on dry well applications.



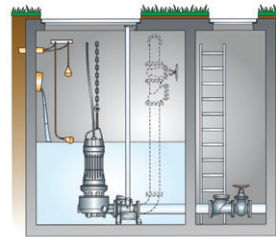
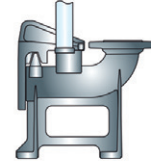
INSTALLATION TYPES

INSTALLATION WITH COUPLING DEVICE / TYPE P

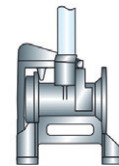
The vertical or horizontal coupling device is fixed to the bottom of the pump chamber and the pump is lowered in, with the aid of two guide pipes fitted earlier, until the connection to the foot is completed. This ensures that the pump can be easily removed at ground level.



DAC V



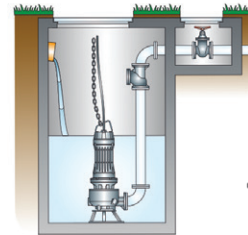
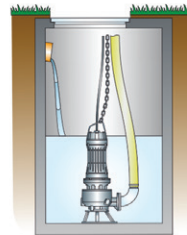
DAC H



FREE INSTALLATION / TYPE S

The pump, mounted to its base, rests on the floor of the pump chamber in the vertical position. It is connected to the system via a flanged pipe connected to its discharge port.

The pump may also be connected to a flexible hose using a flanged bend union connected to the outlet port. This facilitates removing the pump from the tank and is recommended for temporary installations.



KBS

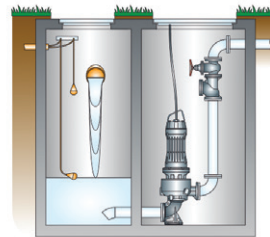


VERTICAL INSTALLATION / TYPE T AND HORIZONTAL INSTALLATION / TYPE Z IN DRY CHAMBER

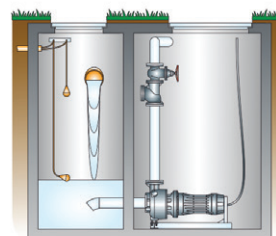
The pump may be installed in a dry chamber by using a cooling jacket. No external cooling fluid supply is required, since the motor is cooled by a PATENTED closed loop circuit with internal recirculation.

In **VERTICAL** dry installations, the pump is secured to a curved base to which the suction flange is mounted.

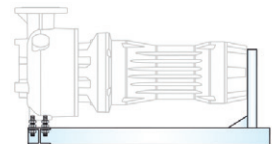
In **HORIZONTAL** dry installations, the pump is secured to a steel frame and the suction pipe is connected directly to the pump's suction flange.



KBC

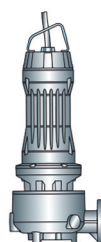


KBS-H



UNDEFINED INSTALLATION / TYPE X

The pump is not equipped for certain types of installation. This is the variant recommended for holding in stock.



FEATURES

UNIQA[®] SUBMERSIBLE ELECTRIC PUMPS

Designed for heavy-duty professional applications, in wastewater, effluents and drainage waters where solids handling must be considered.

The UNIQA[®] series motors are designed with the aim of achieving the Premium (IE3) efficiency class according to EN 60034-30. The entire range is available in the 'dry' version, which requires no external liquid inputs and allows the pump to operate continually (S1 class) even if partially submerged or installed in a dry chamber.

Non-standard diameters are available for optimal performance on the specific duty point.

FEATURES

- The UNIQA[®] series features a modular design in which the motor and hydraulics are perfectly coupled to each other, thus creating a robust and highly reliable assembly
- Maximum operating temperatures to NEMA class A
- Motor case, impeller and hydraulics in cast iron / stainless steel
- High efficiency electric motors to class Premium (IE3)
- Models available for 50 and 60Hz power supplies
- Thermal cutout integrated into stator to safeguard the motor even in heavy duty and continuous service
- Long life lubricated bearings (50,000 hours)
- AISI 431 motor shaft. Available in NITRONIC 50 on request
- Sensors for detecting water penetration into the mechanical seal oil sumps, motor compartment and terminal box
- Two silicon carbide mechanical seals in large oil sump and V-rings
- Available with high performance channel or vortex impellers
- Hydraulics with discharge ports from DN80 to DN400
- Full free passage for vortex impeller models, min. 80mm for channel impeller models
- Patented closed jacket cooling system with internal recirculation



01

02

03

05

06

07

08

09

10

11

12

13

STANDARD EQUIPMENT AND OPTIONS

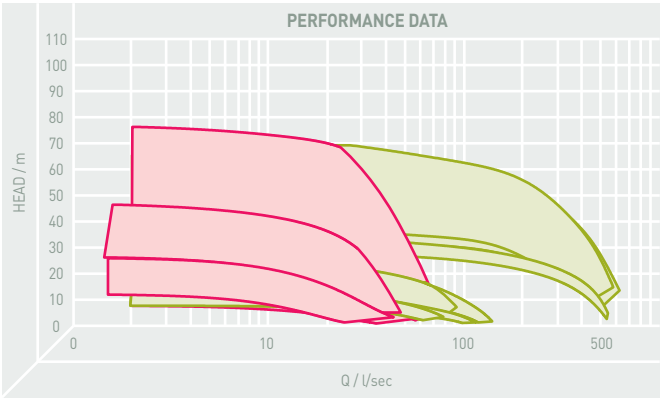
DESCRIPTION	STANDARD	OPTIONAL
VOLTAGE	400	230, 500, 230 / 400, 440, 500 / 866
POWER VOLTAGE TOLERANCE	± 10%	-
EFFICIENCY CLASS	IE3 - PREMIUM EFFICIENCY	IE2 - HIGH EFFICIENCY
POWER SUPPLY	3 ~ 50HZ	VFD - 60Hz
INSULATION CLASS	H	-
START	STAR-DELTA	DIRECT ONLINE, SOFT START
MAX. AMBIENT TEMPERATURE	40°C	60°C
CABLE	H07RN-F	NSSHÖU - 0/J, EMC
CABLE LENGTH	10 MT	20 - 30 - 40 - 50 MT
PAINTING	EPOXY BICOMPONENT (120 MICRON)	EPOXY BICOMPONENT (400 MICRON)
MECHANICAL SEALS	N.2 IN SILICON CARBIDE (SiC/SiC) IN OIL CHAMBER	-
THERMAL SENSORS	BIMETALLIC THERMAL SENSORS (150°C)	PTC/PT100 THERMISTOR
INSTALLATION TYPES	SUBMERSED	DRY
PROBE WATER IN OIL CHAMBER	NO	YES
PROBE WATER IN MOTOR CASE	NO	YES
PROBE WATER IN MOTOR COVER CASE	NO	YES
ZINC ANODES	NO	YES
VIBRATIONS SENSORS (BEARINGS)	NO	YES (SEE THE TECHNICAL SPECIFICATIONS)
THERMAL SENSORS (BEARINGS)	NO	PTC/PTC100 (SEE THE TECHNICAL SPECIFICATIONS)
ATEX CERTIFICATION	NO	YES

CONSTRUCTION MATERIALS

DESCRIPTION	STANDARD	OPTIONAL
MOTOR CASE	EN-GJL 250	-
SHAFT	1.4057 (AISI 431)	NITRONIC 50
HYDRAULIC PARTS	EN-GJL 250	1.4401 (AISI 316)
COOLING JACKET	AISI 304	-
GASKETS	NBR	VITON
SCREWS	A2-70 STAINLESS STEEL	A4 - 80
IMPELLER	EN-GJL 250	1.4401 (AISI 316)
LIFTING HANDLE	1.4401 (AISI 316)	-

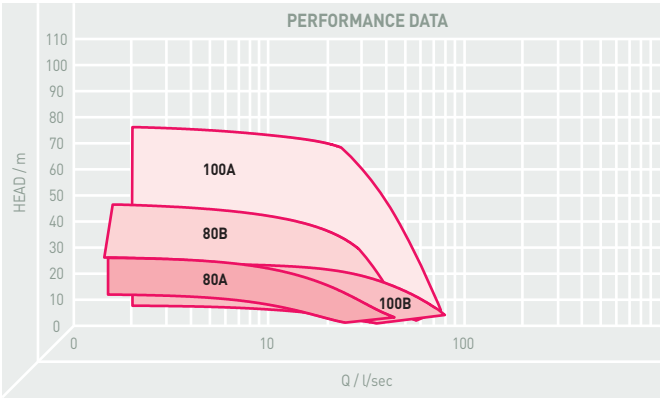
STANDARD EQUIPMENT AND OPTIONS

CURRENTLY AVAILABLE OPERATING RANGES



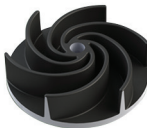
- ZUG V (VORTEX)
- ZUG OC (CHANNELS)

CURRENTLY AVAILABLE OPERATING RANGES (VORTEX)

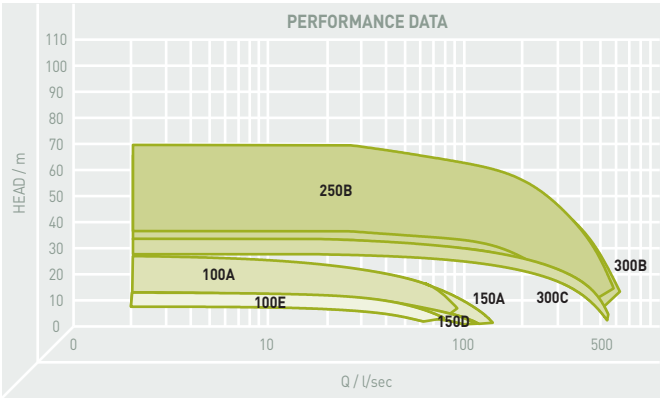


VORTEX IMPELLER

DISCHARGE	DN80 – DN100
POWER	4 – 37kW
POLES	2 – 4



CURRENTLY AVAILABLE OPERATING RANGES (CHANNELS)

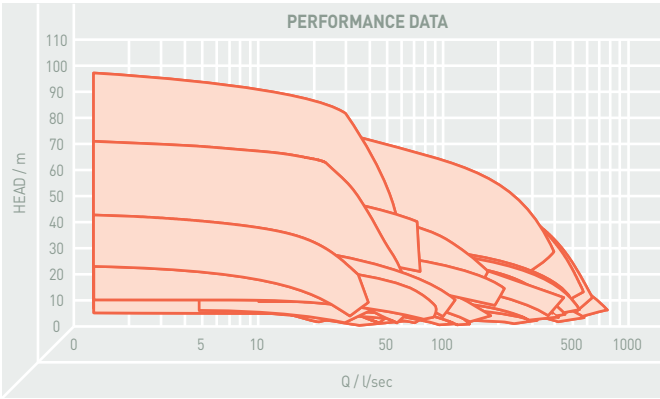


CHANNELS IMPELLER

DISCHARGE	DN100 - DN300
POWER	4 – 200kW
POLES	4 – 6 – 8



OVERVIEW OF FULL OPERATING RANGES



ZUG V 065A

TECHNICAL SPECIFICATION

- VORTEX IMPELLER
- DISCHARGE: DN65
- FREE PASSAGE: 65mm
- POWER: 4 ÷ 9kW
- POLES: 2



ZUG V 065A DRY



ZUG V 065A WET



VORTEX IMPELLER



HYDRAULICS	MOTOR / POLE	VOLTAGE	AMPS	P2	η MOT.	INSTALLATION TYPE (SEE PAGE 64)					DELIVERY STATUS
						P	S	T	Z	X	
ZUG V 065A	4/2 AW (D)	400	7.7	4	88.4	W	W	D	D	W/D	●
	5.5/2 AW	400	10.2	5.5	89.2	W	W	D	D	W/D	●
	7.5/2 AW	400	14.1	7.5	90.2	W	W	D	D	W/D	●
	9/2 AW	400	16.5	9	90.6	W	W	D	D	W/D	●

W: WET version (submerged operation – S1 duty)

D: DRY version (dry operation – S1 duty)

ZUG V 080A

TECHNICAL SPECIFICATION

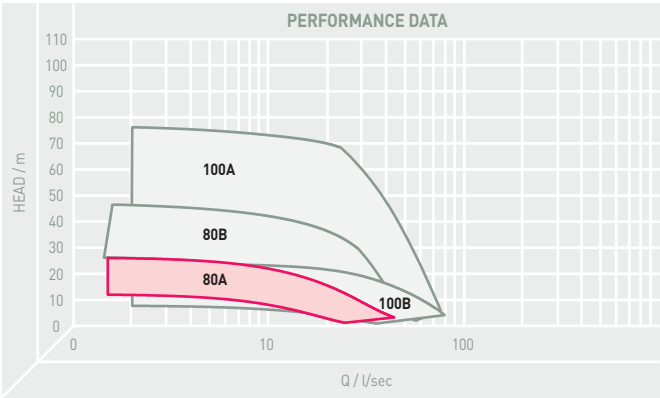
- VORTEX IMPELLER
- DISCHARGE: DN80
- FREE PASSAGE: 80mm
- POWER: 4 ÷ 11kW
- POLES: 2



ZUG V 080A DRY

ZUG V 080A WET

VORTEX IMPELLER



HYDRAULICS	MOTOR / POLE	VOLTAGE	AMPS	P2	η MOT.	INSTALLATION TYPE (SEE PAGE 64)					DELIVERY STATUS
						P	S	T	Z	X	
ZUG V 080A	4/2 AW (D)	400	7.7	4.0	88.2	W	W	D	D	W/D	●
	5.5/2 AW (D)	400	10.2	5.5	89.2	W	W	D	D	W/D	●
	7.5/2 AW	400	14.1	7.5	90.2	W	W	-	-	W	●
	9/2 AW	400	16.5	9.0	90.6	W	W	-	-	W	●
	11/2 AW	400	20.0	11.0	91.2	W	W	-	-	W	●

W: WET version (submerged operation – S1 duty)

D: DRY version (dry operation – S1 duty)

● Lead times may apply

Same day dispatch

P69

ZUG V 080B

TECHNICAL SPECIFICATION

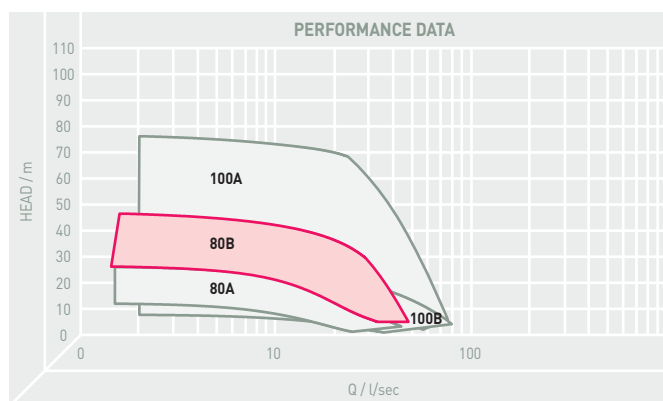
- VORTEX IMPELLER
- DISCHARGE: DN80
- FREE PASSAGE: 80mm
- POWER: 7.5 ÷ 18.5kW
- POLES: 2



ZUG V 080B DRY

ZUG V 080B WET

VORTEX IMPELLER



HYDRAULICS	MOTOR / POLE	VOLTAGE	AMPS	P2	η MOT.	INSTALLATION TYPE (SEE PAGE 64)					DELIVERY STATUS
						P	S	T	Z	X	
ZUG V 080B	7.5/2 AW (D)	400	14.1	7.5	90.4	W	W	D	D	W/D	●
	9/2 AW (D)	400	16.5	9.0	90.6	W	W	D	D	W/D	●
	11/2 AW	400	20.0	11.0	91.2	W	W	D	D	W/D	●
	15/2 AW	400	26.8	15.0	92.4	W	W	D	D	W/D	●
	18.5/2 AW	400	33.1	18.5	92.5	W	W	D	D	W/D	●

W: WET version (submerged operation – S1 duty)

D: DRY version (dry operation – S1 duty)

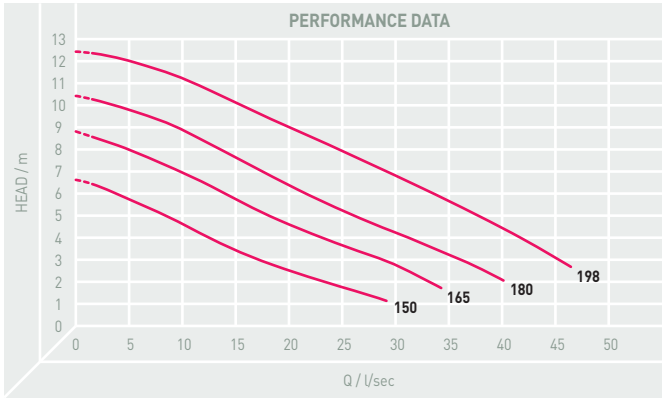
ZUG V 080C

TECHNICAL SPECIFICATION

- VORTEX IMPELLER
- DISCHARGE: DN80
- FREE PASSAGE: 65mm
- POWER: 3 ÷ 5.5kW
- POLES: 4



ZUG V 080C DRY ZUG V 080C WET VORTEX IMPELLER



HYDRAULICS	MOTOR / POLE	VOLTAGE	AMPS	P2	η MOT.	INSTALLATION TYPE (SEE PAGE 64)					DELIVERY STATUS
						P	S	T	Z	X	
ZUG V 080C	3/4 AW	400	6.6	3	87.7	W	W	D	D	W/D	●
	4/4 AW (D)	400	8.45	4	88.7	W	W	D	D	W/D	●
	5.5/4 AW (D)	400	11.65	5.5	89.6	W	W	D	D	W/D	●

W: WET version (submerged operation – S1 duty)
D: DRY version (dry operation – S1 duty)

ZUG V 100A

TECHNICAL SPECIFICATION

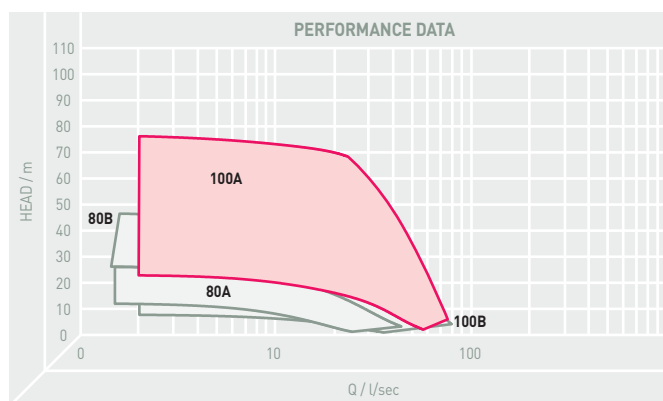
- VORTEX IMPELLER
- DISCHARGE: DN100
- FREE PASSAGE: 100mm
- POWER: 15 ÷ 37kW
- POLES: 2



ZUG V 100A DRY

ZUG V 100A WET

VORTEX IMPELLER



HYDRAULICS	MOTOR / POLE	VOLTAGE	AMPS	P2	η MOT.	INSTALLATION TYPE (SEE PAGE 64)					DELIVERY STATUS
						P	S	T	Z	X	
ZUG V 100A	15/2 AW (D)	400	26.8	15.0	92.4	W	W	D	D	W/D	●
	18.5/2 AW (D)	400	33.1	18.5	92.5	W	W	D	D	W/D	●
	22/2 AW	400	39.3	22.0	92.8	W	W	D	D	W/D	●
	30/2 AW	400	53.0	30.0	93.3	W	W	D	D	W/D	●
	37/2 AW	400	64.0	37.0	92.5	W	W	D	D	W/D	●

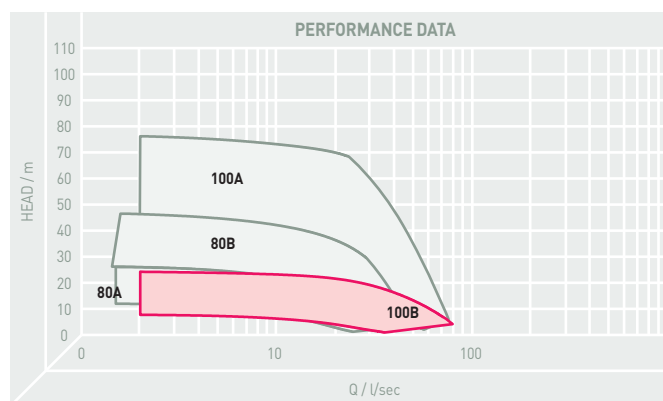
W: WET version (submerged operation – S1 duty)

D: DRY version (dry operation – S1 duty)

ZUG V 100B

TECHNICAL SPECIFICATION

- VORTEX IMPELLER
- DISCHARGE: DN100
- FREE PASSAGE: 100mm
- POWER: 4 ÷ 15kW
- POLES: 4



HYDRAULICS	MOTOR / POLE	VOLTAGE	AMPS	P2	η MOT.	INSTALLATION TYPE (SEE PAGE 64)					DELIVERY STATUS
						P	S	T	Z	X	
ZUG V 100B	4/4 AW (D)	400	8.45	4.0	88.8	W	W	D	D	W/D	●
	5.5/4 AW (D)	400	11.65	5.5	89.6	W	W	D	D	W/D	●
	7.5/4 AW (D)	400	14.5	7.5	90.4	W	W	D	D	W/D	●
	9/4 AW (D)	400	17.2	9.0	90.9	W	W	D	D	W/D	●
	11/4 AW (D)	400	21.2	11.0	91.4	W	W	D	D	W/D	●
	15/4 AW (D)	400	28.5	15.0	92.2	W	W	D	D	W/D	●

W: WET version (submerged operation – S1 duty)

D: DRY version (dry operation – S1 duty)

ZUG V 150A

TECHNICAL SPECIFICATION

- VORTEX IMPELLER
- DISCHARGE: DN150
- FREE PASSAGE: 125mm
- POWER: 7.5 ÷ 15kW
- POLES: 4



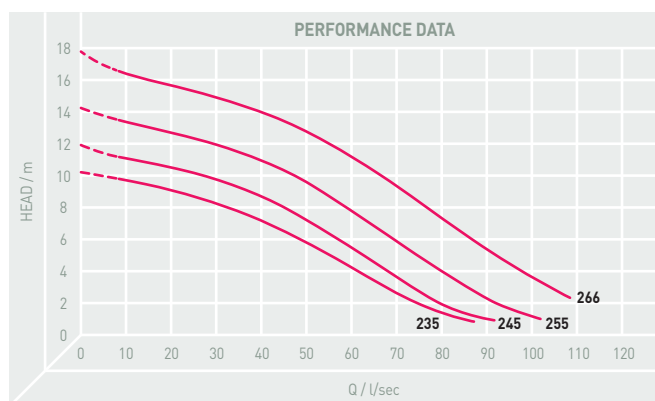
ZUG V 150A DRY



ZUG V 150A WET



VORTEX IMPELLER



HYDRAULICS	MOTOR / POLE	VOLTAGE	AMPS	P2	η MOT.	INSTALLATION TYPE (SEE PAGE 64)					DELIVERY STATUS
						P	S	T	Z	X	
ZUG V 150A	7.5/4 AW (D)	400	14.5	7.5	90.4	W	W	D	D	W/D	●
	9/4 AW (D)	400	18.3	9	90.8	W	W	D	D	W/D	●
	11/4 AW (D)	400	21.2	11	91.4	W	W	D	D	W/D	●
	15/4 AW (D)	400	28.5	15	92.2	W	W	D	D	W/D	●

W: WET version (submerged operation – S1 duty)

D: DRY version (dry operation – S1 duty)

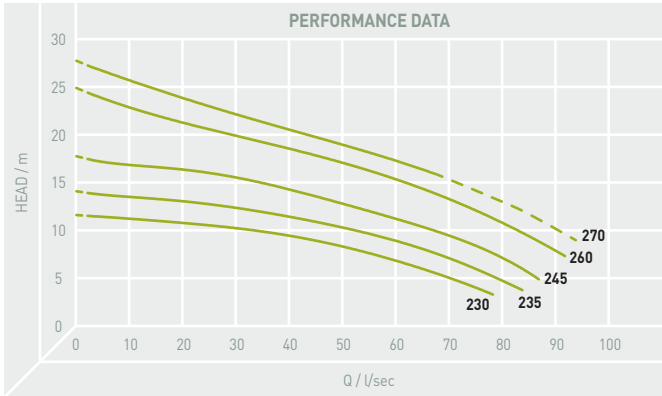
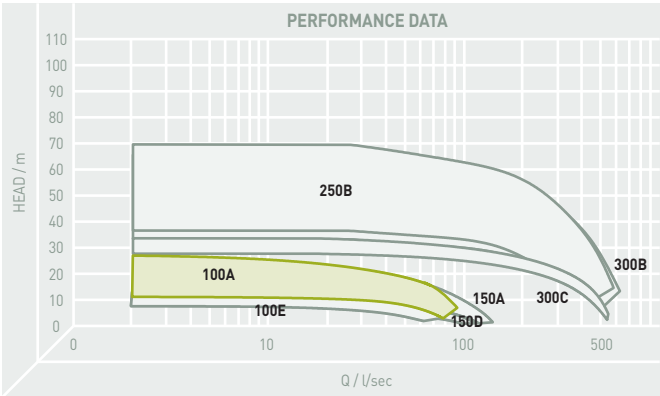
ZUG OC 100A

TECHNICAL SPECIFICATION

- OPEN CHANNELS IMPELLER
- DISCHARGE: DN100
- FREE PASSAGE: 80mm
- POWER: 7.5 ÷ 15kW
- POLES: 4



ZUG OC 100A DRY ZUG OC 100A WET VORTEX IMPELLER



HYDRAULICS	MOTOR / POLE	VOLTAGE	AMPS	P2	η MOT.	INSTALLATION TYPE (SEE PAGE 64)					DELIVERY STATUS
						P	S	T	Z	X	
ZUG OC 100A	7.5/4 AW (D)	400	14.5	7.5	90.4	W	W	D	D	W/D	●
	9/4 AW (D)	400	17.2	9.0	90.9	W	W	D	D	W/D	●
	11/4 AW (D)	400	21.2	11.0	91.4	W	W	D	D	W/D	●
	15/4 AW (D)	400	28.5	15.0	92.2	W	W	D	D	W/D	●

W: WET version (submerged operation – S1 duty)
D: DRY version (dry operation – S1 duty)

ZUG OC 100B



TECHNICAL SPECIFICATION

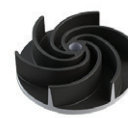
- VORTEX IMPELLER
- DISCHARGE: DN80
- FREE PASSAGE: 80mm
- POWER: 11 ÷ 45kW
- POLES: 4



ZUG OC 100B DRY



ZUG OC 100B WET



VORTEX IMPELLER



HYDRAULICS	MOTOR / POLE	VOLTAGE	AMPS	P2	η MOT.	INSTALLATION TYPE (SEE PAGE 64)					DELIVERY STATUS
						P	S	T	Z	X	
ZUG OC 100B	11/4 AW (D)	400	21.2	11	91.4	W	W	D	D	W/D	●
	15/4 AW (D)	400	28.5	15	92.2	W	W	D	D	W/D	●
	18.5/4 AW (D)	400	35.2	18.5	92.6	W	W	D	D	W/D	●

W: WET version (submerged operation – S1 duty)

D: DRY version (dry operation – S1 duty)

ZUG OC 100E

TECHNICAL SPECIFICATION

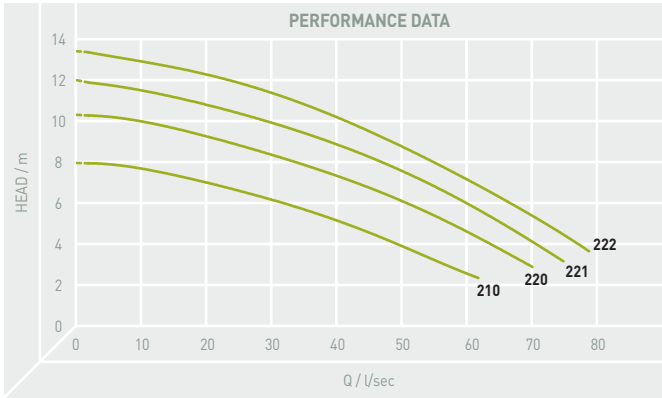
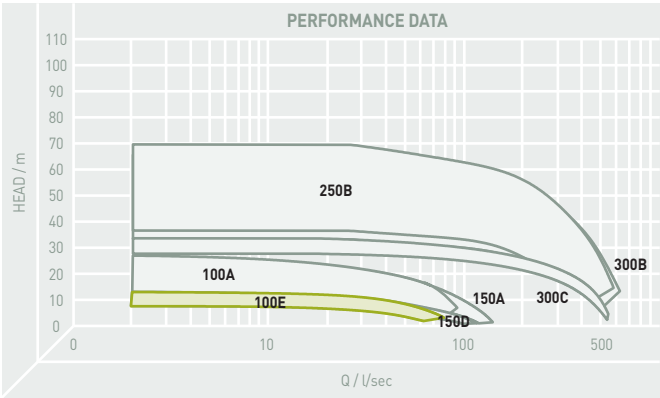
- OPEN CHANNELS IMPELLER
- DISCHARGE: DN100
- FREE PASSAGE: 80mm
- POWER: 4 ÷ 7.5kW
- POLES: 4



ZUG OC 100E DRY

ZUG OC 100E WET

VORTEX IMPELLER



HYDRAULICS	MOTOR / POLE	VOLTAGE	AMPS	P2	η MOT.	INSTALLATION TYPE (SEE PAGE 64)					DELIVERY STATUS
						P	S	T	Z	X	
ZUG OC 100E	4/4 AW (D)	400	8.45	4.0	88.8	W	W	D	D	W/D	●
	5.5/4 AW (D)	400	11.65	5.5	89.6	W	W	D	D	W/D	●
	7.5/4 AW (D)	400	14.5	7.5	90.4	W	W	D	D	W/D	●

W: WET version (submerged operation – S1 duty)

D: DRY version (dry operation – S1 duty)

ZUG OC 100F

TECHNICAL SPECIFICATION

- VORTEX IMPELLER
- DISCHARGE: DN100
- FREE PASSAGE: 45mm
- POWER: 3 ÷ 15kW
- POLES: 4



ZUG OC 100F DRY



ZUG OC 100F WET



VORTEX IMPELLER



HYDRAULICS	MOTOR / POLE	VOLTAGE	AMPS	P2	η MOT.	INSTALLATION TYPE (SEE PAGE 64)					DELIVERY STATUS
						P	S	T	Z	X	
ZUG OC 100F	3/4 AW	400	6.6	3	87.7	W	W	D	D	W/D	●
	4/4 AW (D)	400	8.5	4	88.7	W	W	D	D	W/D	●
	5.5/4 AW	400	11.7	5.5	89.6	W	W	D	D	W/D	●
	7.5/4 AW	400	14.5	7.5	90.4	W	W	D	D	W/D	●
	9/4 AW	400	18.3	9	90.8	W	W	D	D	W/D	●
	11/4 AW	400	21.2	11	91.4	W	W	D	D	W/D	●
	15/4 AW	400	28.5	15	92.2	W	W	D	D	W/D	●

W: WET version (submerged operation – S1 duty)

D: DRY version (dry operation – S1 duty)

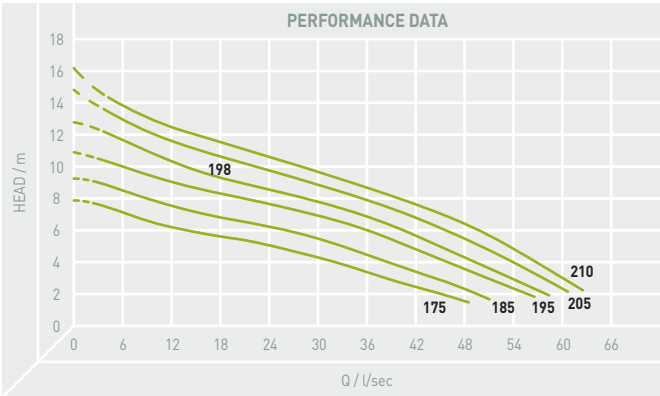
ZUG OC 100J

TECHNICAL SPECIFICATION

- VORTEX IMPELLER
- DISCHARGE: DN100
- FREE PASSAGE:65mm
- POWER: 3 ÷ 5.5kW
- POLES: 4



ZUG OC 100J DRY ZUG OC 100J WET VORTEX IMPELLER



HYDRAULICS	MOTOR / POLE	VOLTAGE	AMPS	P2	η MOT.	INSTALLATION TYPE (SEE PAGE 64)					DELIVERY STATUS
						P	S	T	Z	X	
ZUG OC 100J	3/4 AW	400	6.6	3	87.7	W	W	D	D	W/D	●
	4/4 AW (D)	400	8.5	4	88.7	W	W	D	D	W/D	●
	5.5/4 AW (D)	400	11.7	5.5	89.6	W	W	D	D	W/D	●

W: WET version (submerged operation – S1 duty)

D: DRY version (dry operation – S1 duty)

● Lead times may apply

Same day dispatch

P79

ZUG OC 150A

TECHNICAL SPECIFICATION

- OPEN CHANNELS IMPELLER
- DISCHARGE: DN150
- FREE PASSAGE: 80mm
- POWER: 7.5 ÷ 15kW
- POLES: 4



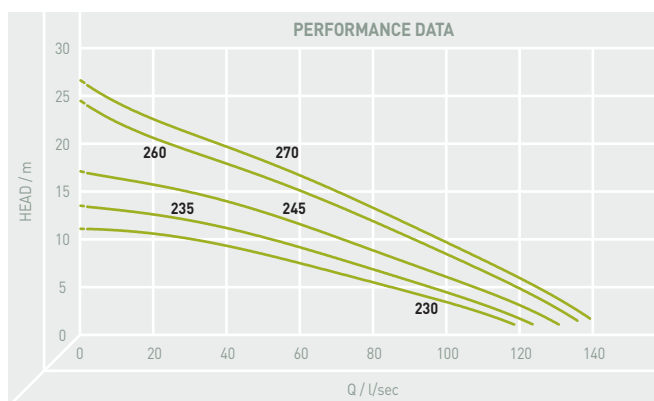
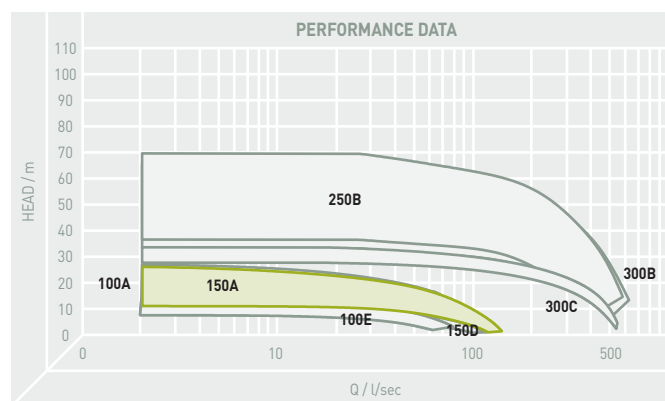
ZUG OC 150A DRY



ZUG OC 150A WET



VORTEX IMPELLER



HYDRAULICS	MOTOR / POLE	VOLTAGE	AMPS	P2	η MOT.	INSTALLATION TYPE (SEE PAGE 64)					DELIVERY STATUS
						P	S	T	Z	X	
ZUG OC 150A	7.5/4 AW (D)	400	14.5	7.5	90.4	W	W	D	D	W/D	●
	9/4 AW (D)	400	17.2	9.0	90.9	W	W	D	D	W/D	●
	11/4 AW (D)	400	21.2	11.0	91.4	W	W	D	D	W/D	●
	15/4 AW (D)	400	28.5	15.0	92.2	W	W	D	D	W/D	●

W: WET version (submerged operation – S1 duty)

D: DRY version (dry operation – S1 duty)

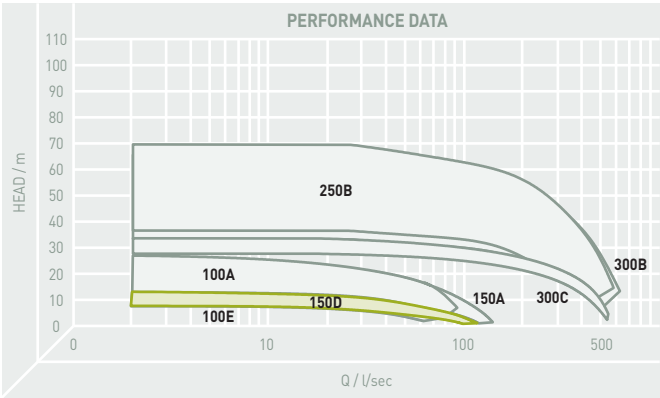
ZUG OC 150D

TECHNICAL SPECIFICATION

- OPEN CHANNELS IMPELLER
- DISCHARGE: DN150
- FREE PASSAGE: 80mm
- POWER: 4 ÷ 7.5kW
- POLES: 4



ZUG OC 150D DRY ZUG OC 150D WET VORTEX IMPELLER



HYDRAULICS	MOTOR / POLE	VOLTAGE	AMPS	P2	η MOT.	INSTALLATION TYPE (SEE PAGE 64)					DELIVERY STATUS
						P	S	T	Z	X	
ZUG OC 150D	4/4 AW (D)	400	8.45	4.0	88.7	W	W	D	D	W/D	●
	5.5/4 AW (D)	400	11.65	5.5	89.6	W	W	D	D	W/D	●
	7.5/4 AW (D)	400	14.5	7.5	90.4	W	W	D	D	W/D	●

W: WET version (submerged operation – S1 duty)

D: DRY version (dry operation – S1 duty)

ZUG OC 150F



TECHNICAL SPECIFICATION

- VORTEX IMPELLER
- DISCHARGE: DN150
- FREE PASSAGE: 80mm
- POWER: 11 ÷ 37kW
- POLES: 4



ZUG OC 150F DRY



ZUG OC 150F WET



VORTEX IMPELLER



HYDRAULICS	MOTOR / POLE	VOLTAGE	AMPS	P2	η MOT.	INSTALLATION TYPE (SEE PAGE 64)					DELIVERY STATUS
						P	S	T	Z	X	
ZUG OC 150F	11/4 AW (D)	400	21.2	11	91.4	W	W	D	D	W/D	●
	15/4 AW (D)	400	28.5	15	92.2	W	W	D	D	W/D	●
	18.5/4 AW (D)	400	35.2	18.5	92.6	W	W	D	D	W/D	●

W: WET version (submerged operation – S1 duty)

D: DRY version (dry operation – S1 duty)



P82

Same day dispatch

Lead times may apply ●

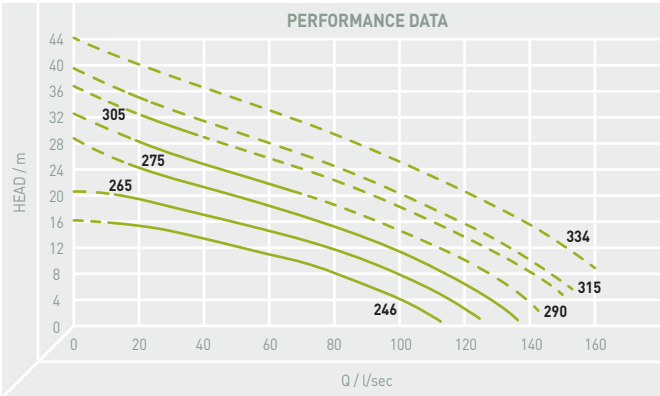
ZUG OC 150G (4PC)

TECHNICAL SPECIFICATION

- VORTEX IMPELLER
- DISCHARGE: DN150
- FREE PASSAGE: 80mm
- POWER: 11 ÷ 45kW
- POLES: 4



ZUG OC 150G (4PC) DRY ZUG OC 150G (4PC) WET VORTEX IMPELLER



HYDRAULICS	MOTOR / POLE	VOLTAGE	AMPS	P2	η MOT.	INSTALLATION TYPE (SEE PAGE 64)					DELIVERY STATUS
						P	S	T	Z	X	
ZUG OC 150G	11/4 AW (D)	400	21.2	11	91.4	W	W	D	D	W/D	●
	15/4 AW (D)	400	28.5	15	92.2	W	W	D	D	W/D	●
	18.5/4 AW (D)	400	35.2	18.5	92.6	W	W	D	D	W/D	●

W: WET version (submerged operation – S1 duty)

D: DRY version (dry operation – S1 duty)

● Lead times may apply

Same day dispatch

P83

ZUG OC 150G (6PC)

TECHNICAL SPECIFICATION

- VORTEX IMPELLER
- DISCHARGE: DN150
- FREE PASSAGE: 80mm
- POWER: 7.5 ÷ 11kW
- POLES: 6



ZUG OC 150G (6PC) DRY ZUG OC 150G (6PC) WET VORTEX IMPELLER



HYDRAULICS	MOTOR / POLE	VOLTAGE	AMPS	P2	η MOT.	INSTALLATION TYPE (SEE PAGE 64)					DELIVERY STATUS
						P	S	T	Z	X	
ZUG OC 150G	7.5/6 AW (D)	400	16.2	7.5	89.1	W	W	D	D	W/D	●
	9/6 AW (D)	400	19.8	9	89.7	W	W	D	D	W/D	●
	11/6 AW (D)	400	22.7	11	90.3	W	W	D	D	W/D	●

W: WET version (submerged operation – S1 duty)

D: DRY version (dry operation – S1 duty)

ZUG OC 200A

TECHNICAL SPECIFICATION

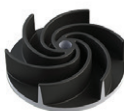
- VORTEX IMPELLER
- DISCHARGE: DN200
- FREE PASSAGE: 100mm x 70mm
- POWER: 7.5 ÷ 13kW
- POLES: 6



ZUG OC 200A DRY



ZUG OC 200A WET



VORTEX IMPELLER



HYDRAULICS	MOTOR / POLE	VOLTAGE	AMPS	P2	η MOT.	INSTALLATION TYPE (SEE PAGE 64)					DELIVERY STATUS
						P	S	T	Z	X	
ZUG OC 200A	7.5/6 AW (D)	400	16.2	7.5	89.1	W	W	D	D	W/D	●
	9/6 AW (D)	400	19.8	9	89.7	W	W	D	D	W/D	●
	11/6 AW (D)	400	22.7	11	90.3	W	W	D	D	W/D	●
	13/6 HW (D)	400	25.9	13	89.2	W	W	D	D	W/D	●

W: WET version (submerged operation – S1 duty)

D: DRY version (dry operation – S1 duty)

● Lead times may apply

Same day dispatch

P85

ZUG OC 200B (4PC)

TECHNICAL SPECIFICATION

- VORTEX IMPELLER
- DISCHARGE: DN200
- FREE PASSAGE: 80mm
- POWER: 11 ÷ 37kW
- POLES: 4



ZUG OC 200B (4PC) DRY

ZUG OC 200B (4PC) WET

VORTEX IMPELLER



HYDRAULICS	MOTOR / POLE	VOLTAGE	AMPS	P2	η MOT.	INSTALLATION TYPE (SEE PAGE 64)					DELIVERY STATUS
						P	S	T	Z	X	
ZUG OC 200B	11/4 AW (D)	400	21.2	11	91.4	W	W	D	D	W/D	●
	15/4 AW (D)	400	28.5	15	92.2	W	W	D	D	W/D	●
	18.5/4 AW (D)	400	35.5	18.5	92.6	W	W	D	D	W/D	●

W: WET version (submerged operation – S1 duty)

D: DRY version (dry operation – S1 duty)

ZUG OC 200B (6PC)

TECHNICAL SPECIFICATION

- VORTEX IMPELLER
- DISCHARGE: DN200
- FREE PASSAGE: 100mm x 70mm
- POWER: 7.5 ÷ 13kW
- POLES: 6



ZUG OC 200B (6PC) DRY ZUG OC 200B (6PC) WET VORTEX IMPELLER



HYDRAULICS	MOTOR / POLE	VOLTAGE	AMPS	P2	η MOT.	INSTALLATION TYPE (SEE PAGE 64)					DELIVERY STATUS
						P	S	T	Z	X	
ZUG OC 200B	7.5/6 AW (D)	400	16.2	7.5	89.1	W	W	D	D	W/D	●
	9/6 AW (D)	400	19.8	9	89.7	W	W	D	D	W/D	●
	11/6 AW (D)	400	22.7	11	90.3	W	W	D	D	W/D	●
	13/6 HW (D)	400	25.9	13	89.2	W	W	D	D	W/D	●

W: WET version (submerged operation – S1 duty)

D: DRY version (dry operation – S1 duty)

ZUG OC 250C

TECHNICAL SPECIFICATION

- VORTEX IMPELLER
- DISCHARGE: DN250
- FREE PASSAGE: 100mm x 70mm
- POWER: 7.5 ÷ 13kW
- POLES: 6



ZUG OC 250C DRY

ZUG OC 250C WET

VORTEX IMPELLER



HYDRAULICS	MOTOR / POLE	VOLTAGE	AMPS	P2	η MOT.	INSTALLATION TYPE (SEE PAGE 64)					DELIVERY STATUS
						P	S	T	Z	X	
ZUG OC 250C	7.5/6 AW (D)	400	16.2	7.5	89.1	W	W	D	D	W/D	●
	9/6 AW (D)	400	19.8	9	89.7	W	W	D	D	W/D	●
	11/6 AW (D)	400	22.7	11	90.3	W	W	D	D	W/D	●
	13/6 AW (D)	400	25.9	13	89.2	W	W	D	D	W/D	●

W: WET version (submerged operation – S1 duty)

D: DRY version (dry operation – S1 duty)

ZUG OC 250H (4PC)

TECHNICAL SPECIFICATION

- VORTEX IMPELLER
- DISCHARGE: DN250
- FREE PASSAGE: 80mm
- POWER: 11 ÷ 37kW
- POLES: 4



ZUG OC 250H (4PC) DRY ZUG OC 250H (4PC) WET VORTEX IMPELLER



HYDRAULICS	MOTOR / POLE	VOLTAGE	AMPS	P2	η MOT.	INSTALLATION TYPE (SEE PAGE 64)					DELIVERY STATUS
						P	S	T	Z	X	
ZUG OC 250H	11/4 AW (D)	400	21.2	11	91.4	W	W	D	D	W/D	●
	15/4 AW (D)	400	28.5	15	92.2	W	W	D	D	W/D	●
	18.5/4 AW (D)	400	35.2	18.5	92.6	W	W	D	D	W/D	●

W: WET version (submerged operation – S1 duty)

D: DRY version (dry operation – S1 duty)

● Lead times may apply

Same day dispatch

P89

ZUG OC 250H (6PC)

TECHNICAL SPECIFICATION

- VORTEX IMPELLER
- DISCHARGE: DN250
- FREE PASSAGE: 80mm
- POWER: 7.5 ÷ 11kW
- POLES: 6



ZUG OC 250H (6PC) DRY ZUG OC 250H (6PC) WET VORTEX IMPELLER



HYDRAULICS	MOTOR / POLE	VOLTAGE	AMPS	P2	η MOT.	INSTALLATION TYPE (SEE PAGE 64)					DELIVERY STATUS
						P	S	T	Z	X	
ZUG OC 250H	7.5/6 AW (D)	400	16.2	7.5	89.1	W	W	D	D	W/D	●
	9/6 AW (D)	400	19.8	9	89.7	W	W	D	D	W/D	●
	11/6 AW (D)	400	22.7	11	90.3	W	W	D	D	W/D	●

W: WET version (submerged operation – S1 duty)

D: DRY version (dry operation – S1 duty)

ZUG OC 250B



TECHNICAL SPECIFICATION

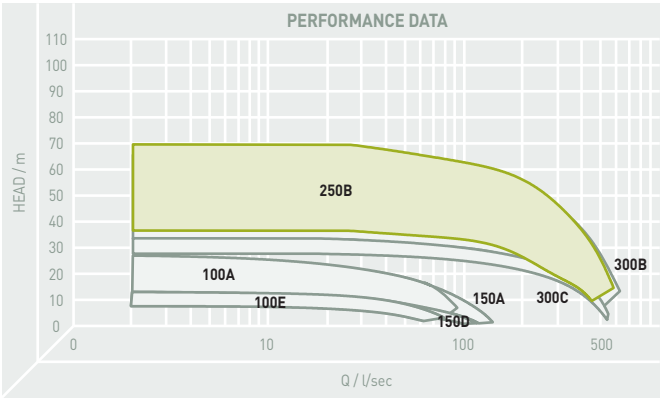
- OPEN CHANNELS IMPELLER
- DISCHARGE: DN250
- FREE PASSAGE: 110mm
- POWER: 90 ÷ 185kW
- POLES: 4



IMPELLER



ZUG OC 250B



HYDRAULICS	MOTOR / POLE	VOLTAGE	AMPS	P2	η MOT.	INSTALLATION TYPE (SEE PAGE 64)					DELIVERY STATUS
						P	S	T	Z	X	
ZUG OC 250B	90/4 AW (D)	400 / 700	160	90	95.2	W	W	D	D	W/D	●
	110/4 AW (D)	400 / 700	198	110	95.4	W	W	D	D	W/D	●
	132/4 AW (D)	400 / 700	238	132	95.6	W	W	D	D	W/D	●
	160/4 AW (D)	400 / 700	299	160	95.8	W	W	D	D	W/D	●
	185/4 HW (D)	400 / 700	342	185	95.1	W	W	D	D	W/D	●

W: WET version (submerged operation - S1 duty)

D: DRY version (dry operation - S1 duty)

ZUG OC 300B

TECHNICAL SPECIFICATION

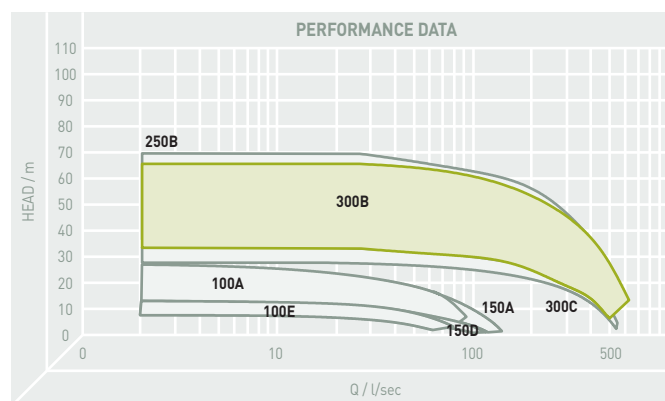
- OPEN CHANNELS IMPELLER
- DISCHARGE: DN300
- FREE PASSAGE: 110mm
- POWER: 90 ÷ 185kW
- POLES: 4



IMPELLER



ZUG OC 300B



HYDRAULICS	MOTOR / POLE	VOLTAGE	AMPS	P2	η MOT.	INSTALLATION TYPE (SEE PAGE 64)					DELIVERY STATUS
						P	S	T	Z	X	
ZUG OC 300B	90/4 AW (D)	400 / 700	160	90	95.2	W	W	D	D	W/D	●
	110/4 AW (D)	400 / 700	198	110	95.4	W	W	D	D	W/D	●
	132/4 AW (D)	400 / 700	238	132	95.6	W	W	D	D	W/D	●
	160/4 AW (D)	400 / 700	299	160	95.8	W	W	D	D	W/D	●
	185/4 HW (D)	400 / 700	342	185	95.1	W	W	D	D	W/D	●

W: WET version (submerged operation - S1 duty)

D: DRY version (dry operation - S1 duty)



P92

Same day dispatch

Lead times may apply ●

ZUG OC 300C

TECHNICAL SPECIFICATION

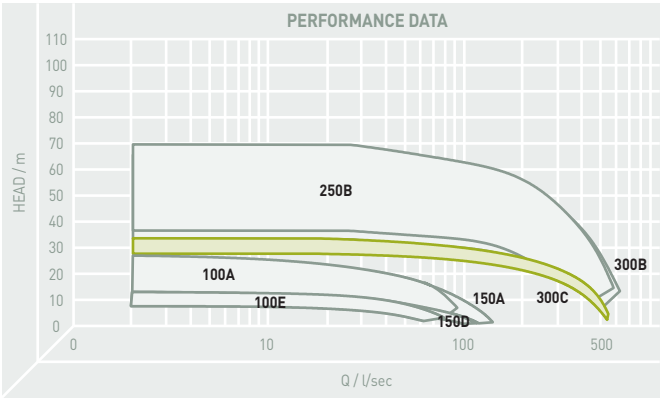
- OPEN CHANNELS IMPELLER
- DISCHARGE: DN300
- FREE PASSAGE: 150 x 110mm
- POWER: 75 - 90kW
- POLES: 6



IMPELLER



ZUG OC 300C



HYDRAULICS	MOTOR / POLE	VOLTAGE	AMPS	P2	η MOT.	INSTALLATION TYPE (SEE PAGE 64)					DELIVERY STATUS
						P	S	T	Z	X	
ZUG OC 300C	75/6 AW (D)	400 / 700	149	75	94.6	W	W	D	D	W/D	●
	90/6 AW (D)	400 / 700	175.5	90	94.9	W	W	D	D	W/D	●

W: WET version (submerged operation - S1 duty)

D: DRY version (dry operation - S1 duty)



01
02
03
05
06
07
08
09
10
11
12
13