

SUBMERSIBLE DEWATERING PUMPS

ENG 50 HZ

PUMPEX



WELCOME TO PUMPEX, ONE OF THE WORLD'S LEADING MANUFACTURERS OF SUBMERSIBLE DEWATERING PUMPS.

Dedicated Partner

Pumpex is a complete equipment supplier for professional dewatering applications. With over 40 years of experience from the industry, we know what works in the field. Our high quality products and engaged know-how provides a reliable support for our partners and customers. Our pumps combine high reliability with excellent serviceability, which results in unrivalled operating economy.

For professional use

Submersible dewatering pumps are used in a wide range of applications when water need to be moved, at construction sites, for irrigation, in ship yards, by utility companies, in rescue ships, by fire brigades, in mines and quarries, in general industries, by power companies etc. Pumpex wide range of dewatering pumps provides a suitable choice for most of these applications.

Solid Quality

At Pumpex, quality means:

- Robust design
- High grade materials
- Trouble-free operation
- Ease of service

Construction and mining applications, as well as industrial, municipal and agricultural needs, have influenced our Swedish engineers in the development, design and production of Pumpex professional dewatering pumps. Maintained efficiency is a key factor to operating economy, which is why Pumpex pumps use high-efficiency motors and hydraulics.

Strong Traditions

Since our start in the late 1960's, we have developed our products to meet the increasing demands of an international market. Our customers today can be found in more than 70 countries all over the world.



WATER DESERVES THE HARD-HEADED APPROACH

Dedicated Dewatering

All our authorized distributors are trained in pump application pump selection, and they are supported by our engineers and our state-of-the-art Pumpex pump selection software, PUMPEXplorer®.

Company

Pumpex is a part of the Sulzer Group, a Swiss based company with about 3 billion Euro turnover and 15 000 employees around the world. Sulzer is public company listed on the Swiss Stock Exchange (SIX).

Contact

Pumpex products are sold, rented and serviced by professional distributors all around the globe. Together with our distributors, we work hard to meet the demands of our end-users, for whom the availability of products and spares is vital.



PUMPEX SUBMERSIBLE DRAINAGE PUMP

P 401 - P 3001, PX 12 - PX 30, PC 1001 - PC 3001

Pumpex submersible drainage pump P 401 - P 3001, PX 12 - PX 30, PC 1001 - PC 3001 are suitable for pumping water and dirty water mixed with soil. When delivered to a site you can start using them right away. The low weight and compact design vouches for convenient transport, handling and installation. Just plug and pump!

No suction lift limitations

Pumpex drainage pumps are submersible to 20 m depth and have no suction lift limitations. This is superior to any self-priming system due to the fact that the pump is installed submerged in the pit. The pump does not need to be moved with varying water levels and it is designed to run dry in case the water level drops too low. There are no suction hoses, and no vacuum priming issues.

High reliability

Double mechanical shaft seal in oil bath (silicon carbide on silicon carbide in the primary seal) for long life. Rigid stainless steel shaft with lower double angular contact ball bearings for vibration-free operation. Large strainer area minimizes the risk of clogging.

Trouble free and safe handling

Pumpex drainage pumps are equipped for immediate use. The low weight, encapsulated motor and no external moving parts makes installation and operation easy and safe.

High wear resistance

Impeller in high chrome alloy steel with a hardness of 60 Rc.

Adjustable wear parts covered with oil resistant nitrile rubber to secure a long lifetime with high efficiency. For extreme conditions choose Pumpex exclusive Enduro Lining™ polyurethane coated wear parts.

Plug-in start with motor protection

Built-in contactor, capacitor (Single Phase) and thermal protectors in the stator windings protects the motor and features an automatic restart function.

High flexibility

The pump can operate in every position, vertical, horizontal or even upside down. The pump can easily be converted between standard, high head or high volume versions.

Corrosion resistant

Outer casing, rotor shaft and hardware are made of stainless steel. Casted parts are made in lightweight aluminium alloy, externally with a protective coating.

Can run dry

Double outer casing and good heat convection make it possible to run the pump dry or in a snore condition.



Easy service and maintenance

Common philosophy through the complete range with modular design and interchangeable spare parts. (For example identical shaft seals for P 601-P 801, P 1001-P 3001, PX 12-PX 22.)

- Easy access to separate sealed electrical junction box.
- Easy to adjust or replace hydraulic wear parts.

Environmentally safe

The oil housing is filled with environmentally safe white oil. Non toxic coatings are used.

Environmental Product Declaration

Environmental Product Declaration, is a new system to present a products environmental impact during its entire life cycle. The environmental product declarations are based on product specific life cycle analyses, conducted in accordance with the ISO14040-series.

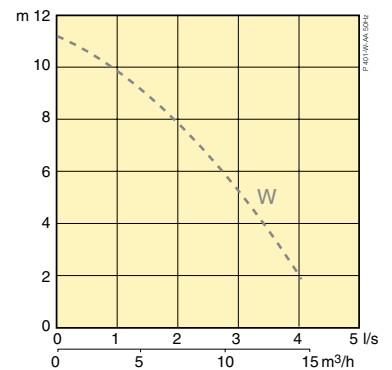
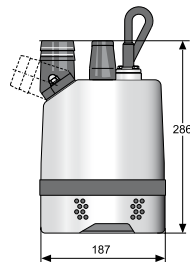
Reduce the Environmental Impact (LCA):

- 1) Select the right size pump for the application.
- 2) Use at optimum efficiency.
- 3) Keep a high degree of efficiency by replacing wear parts.



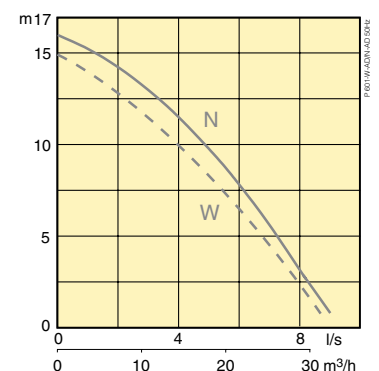
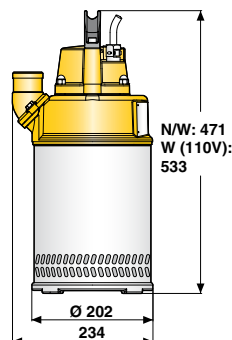
PUMPEX P 401

Pump Type	W
Motor rating P_2	0.48 kW, 1~
Max. power input P_1	0.59 kW
Voltage (V)	230
Full load (A)	2.9
Speed	2690 rpm
Motor protection	Built in
Electric cable	10 m
Strainer passage	6 mm
Discharge connection	Hose 2"
	Option: G2"
Weight (excl. cable)	9.5 kg



PUMPEX P 601

Pump Type	N / NA*	W / WA*
Motor rating P_2	1.0 kW, 3~	0.9 kW, 1~
Max. power input P_1	1.3 kW	1.2 kW
Voltage (V)	230 / 400 / 500	110 / 230
Full load (A)	4.0 / 2.3 / 1.9	10.4 / 5.2
Speed	2800 rpm	2750 rpm
Motor protection	Built in	
Electric cable	20 m	
Strainer passage	6.5 x 15.5 mm	
Discharge connection	Hose 2"	
	Option: 1½", 2½", 3", G2", G2½", G3"	
Weight (excl. cable)	16 kg	

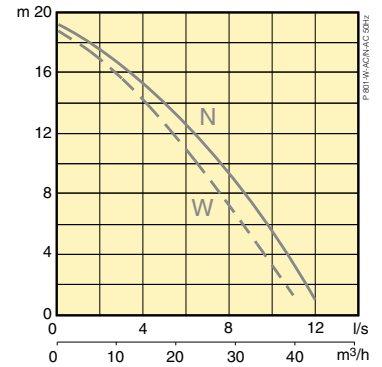
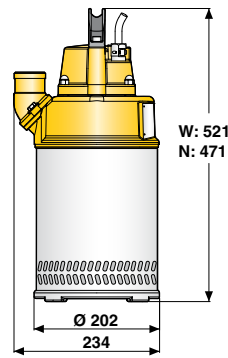


*) Built in float switch available as option, excl. 500V.

PUMPEX P 801

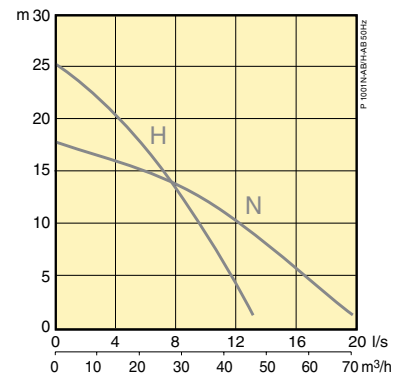
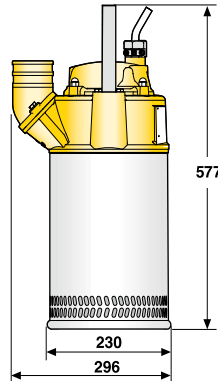
Pump Type	N / NA*	W / WA*
Motor rating P ₂	1.4 kW, 3~	1.4 kW, 1~
Max. power input P ₁	1.8 kW	1.9 kW
Voltage (V)	230 / 400 / 500	230
Full load (A)	5.0 / 2.9 / 2.3	8.1
Speed	2800 rpm	2800 rpm
Motor protection	Built in	
Electric cable	20 m	
Strainer passage	6.5 x 15.5 mm	
Discharge connection	Hose 2"	
	Option: 1½", 2½", 3", G2", G2½", G3"	
Weight (excl. cable)	16.5 kg (N), 18 kg (W)	

* Built in float switch available as option, excl. 500V.



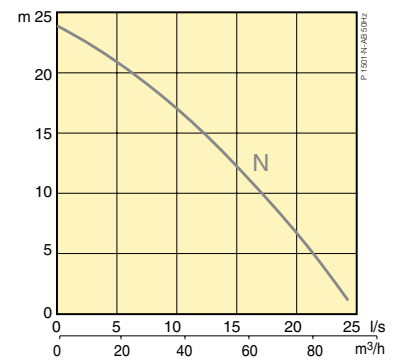
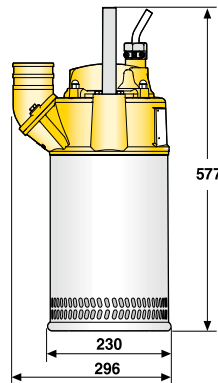
PUMPEX P 1001

Pump Type	N / H
Motor rating P ₂	2.3 kW, 3~
Max. power input P ₁	2.8 kW
Voltage (V)	230 / 400 / 500 / 1000
Full load (A)	8.4 / 4.8 / 3.8 / 1.9
Speed	2870 rpm
Motor protection	Built in
Electric cable	20 m
Strainer passage	7.5 x 16.5 mm
Discharge connection	Hose 3"
	Option: 2½", 4", G2½", G3", G4"
Weight (excl. cable)	29 kg



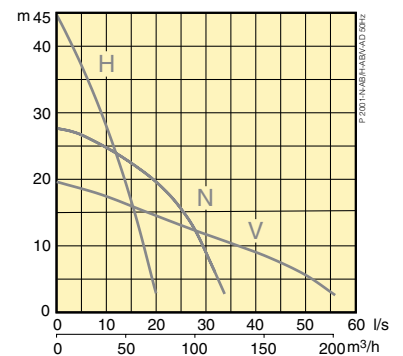
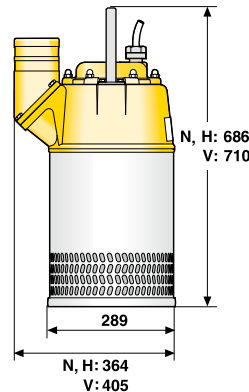
PUMPEX P 1501

Pump Type	N
Motor rating P ₂	3.9 kW, 3~
Max. power input P ₁	4.7 kW
Voltage (V)	230 / 400 / 500 / 1000
Full load (A)	14.1 / 8.1 / 6.5 / 3.2
Speed	2870 rpm
Motor protection	Built in
Electric cable	20 m
Strainer passage	7.5 x 16.5 mm
Discharge connection	Hose 3"
	Option: 2½", 4", G2½", G3", G4"
Weight (excl. cable)	31 kg



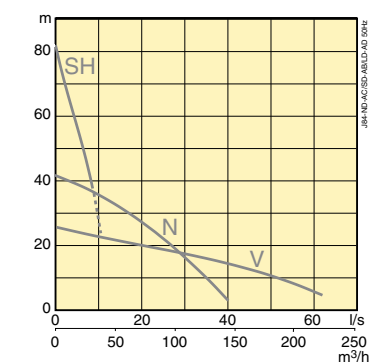
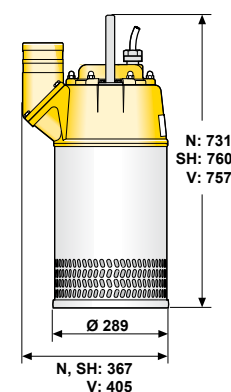
PUMPEX P 2001

Pump Type	N / H / V
Motor rating P ₂	5.8 kW, 3~
Max. power input P ₁	6.8 kW
Voltage (V)	230 / 400 / 500 / 1000
Full load (A)	21 / 12 / 9.2 / 4.6
Speed	2850 rpm
Motor protection	Built in
Electric cable	20 m
Strainer passage	7.5 x 16.5 mm, (V: max 9 x 28 mm)
Discharge connection	Hose 3" (H), 4" (N), 6" (V)
	Option: G3", G4", G6"
Weight (excl. cable)	50 kg



PUMPEX P 3001

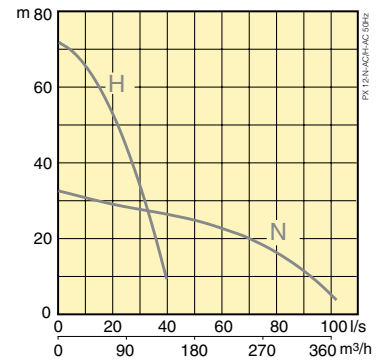
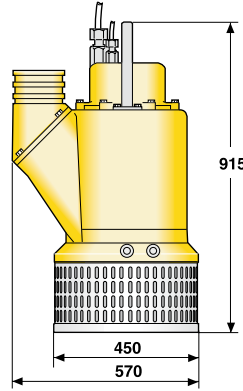
Pump Type	N / SH / V
Motor rating P ₂	9.4 kW, 3~
Max. power input P ₁	10.8 kW
Voltage (V)	230 / 400 / 500 / 1000
Full load (A)	31 / 18 / 14 / 7
Speed	2850 rpm
Motor protection	Built in
Electric cable	20 m
Strainer passage	7.5 x 16.5 mm, (V: max 9 x 28 mm)
Discharge connection	Hose 3" (SH), 4" (N), 6" (V)
	Option: G3", G4", G6"
Weight (excl. cable)	60 kg (N, V), 67 kg (SH)



PUMPEX PX 12

Pump Type

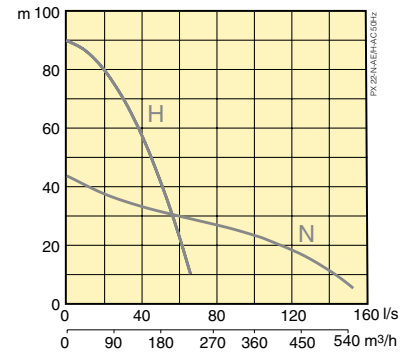
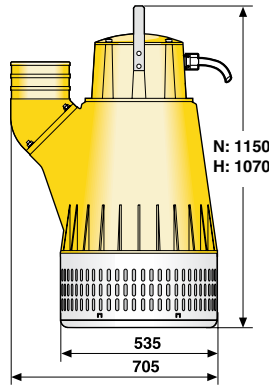
Motor rating P_2	N / H
21 kW, 3~	21 kW, 3~
Max. power input P_1	24 kW
Voltage (V)	230 / 400 / 500 / 1000
Full load (A)	68 / 39 / 31 / 16
Speed	2930 rpm
Motor protection	Built in
Electric cable	20 m
Strainer passage	8 x 34 mm
Discharge connection	Hose 4" (H), 6" (N) Option: 8", G4", G6", G8"
Weight (excl. cable)	155 kg



PUMPEX PX 22

Pump Type

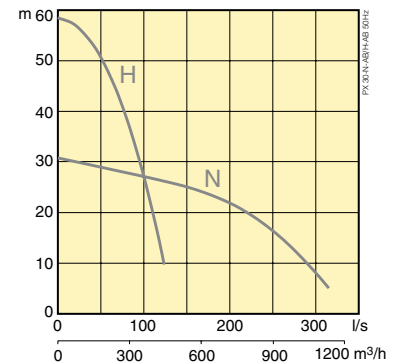
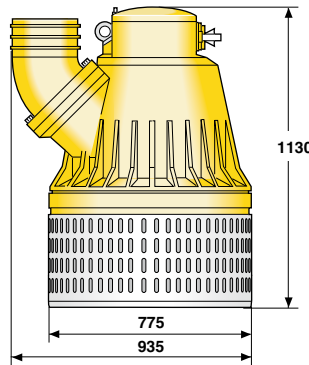
Motor rating P_2	N / H
35 kW, 3~	35 kW, 3~
Max. power input P_1	38 kW
Voltage (V)	230 / 400 / 500 / 1000
Full load (A)	108 / 62 / 50 / 25
Speed	2930 rpm
Motor protection	Thermal overload sensors
Electric cable	20 m
Strainer passage	8 x 34 mm
Discharge connection	Hose 4" (H), 8" (N) Option: 6", G4", G6", G8"
Weight (excl. cable)	270 kg



PUMPEX PX 30

Pump Type

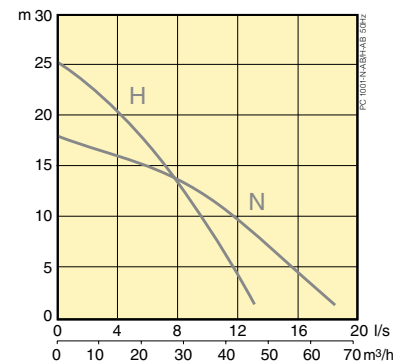
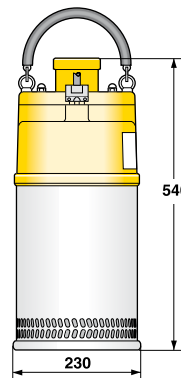
Motor rating P_2	N / H
56 kW, 3~	56 kW, 3~
Max. power input P_1	61 kW
Voltage (V)	230 / 400 / 500 / 1000
Full load (A)	184 / 106 / 84 / 42
Speed	1450 rpm
Motor protection	Thermal overload sensors
Electric cable	20 m
Strainer passage	12 x 60 mm
Discharge connection	Hose 6" (H), 10" (N) Option: 8", G6", G8"
Weight (excl. cable)	525 kg



PUMPEX PC 1001

Pump Type

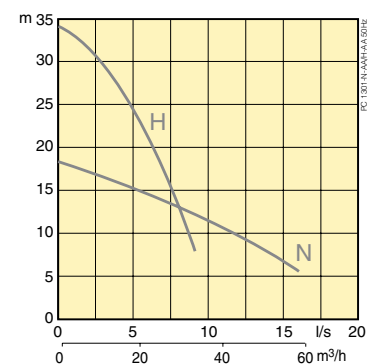
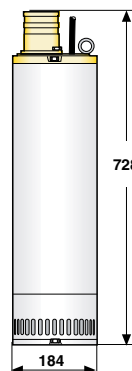
Motor rating P_2	N / H
2.3 kW, 3~	2.3 kW, 3~
Max. power input P_1	2.8 kW
Voltage (V)	230 / 400 / 500
Full load (A)	8.4 / 4.8 / 3.8
Speed	2870 rpm
Motor protection	Built in
Electric cable	20 m
Strainer passage	7.5 x 16.5 mm
Discharge connection	G3"
Weight (excl. cable)	29 kg



PUMPEX PC 1301

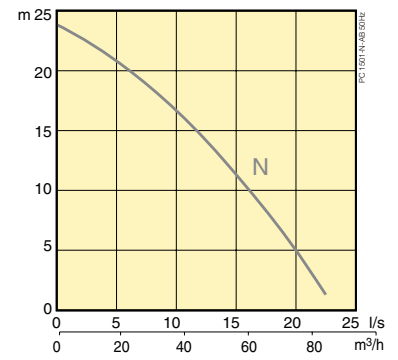
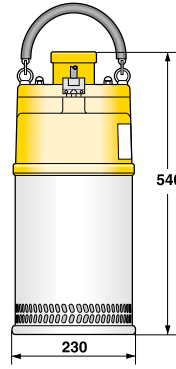
Pump Type

Motor rating P_2	N / H
3.0 kW, 3~	3.0 kW, 3~
Max. power input P_1	3.8 kW
Voltage (V)	230 / 400 / 500
Full load (A)	12.7 / 7.3 / 5.5
Speed	2850 rpm
Motor protection	Built in
Electric cable	20 m
Strainer passage	8 x 33 mm
Discharge connection	Hose 2" (H), 3" (N) Option: G2", G3"
Weight (excl. cable)	31 kg



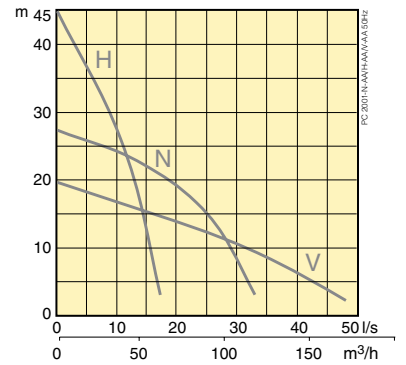
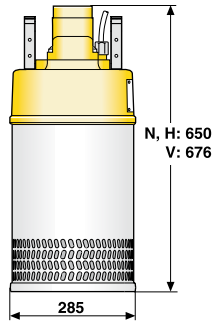
PUMPEX PC 1501

Pump Type	N
Motor rating P_2	3.9 kW, 3~
Max. power input P_1	4.7 kW
Voltage (V)	230 / 400 / 500
Full load (A)	14.1 / 8.1 / 6.5
Speed	2870 rpm
Motor protection	Built in
Electric cable	20 m
Strainer passage	7.5 x 16.5 mm
Discharge connection	G3"
Weight (excl. cable)	31 kg



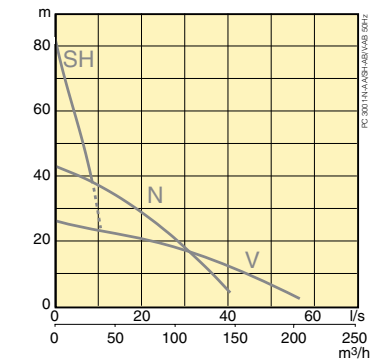
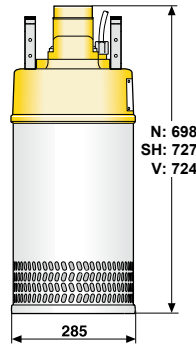
PUMPEX PC 2001

Pump Type	N / H / V
Motor rating P_2	5.8 kW, 3~
Max. power input P_1	6.8 kW
Voltage (V)	230 / 400 / 500
Full load (A)	21 / 12 / 9.2
Speed	2850 rpm
Motor protection	Built in
Electric cable	20 m
Strainer passage	7.5 x 16.5 mm, (V: max 9 x 28 mm)
Discharge connection	G3" (H), G4" (N,V)
Weight (excl. cable)	50 kg



PUMPEX PC 3001

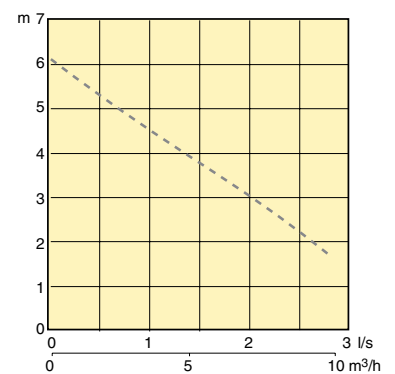
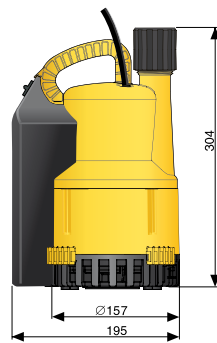
Pump Type	N / SH / V
Motor rating P_2	9.4 kW, 3~
Max. power input P_1	10.8 kW
Voltage (V)	230 / 400 / 500
Full load (A)	31 / 18 / 14
Speed	2850 rpm
Motor protection	Built in
Electric cable	20 m
Strainer passage	7.5 x 16.5 mm, (V: max 9 x 28 mm)
Discharge connection	G3" (SH), G4" (N,V)
Weight (excl. cable)	60 kg (N,V), 67 kg (SH)



Light Duty Pump

PUMPEX GA 200

Pump Type	1-phase
Motor rating P_2	0.16 kW
Voltage (V)	230
Full load (A)	1.6
Speed	2900 rpm
Motor protection	Built in
Electric cable	10 m
Discharge connection	G1 1/4"
Weight (excl. cable)	3.8 kg



PUMPEX LIGHTWEIGHT SLUDGE PUMPS SP 10 - SP 80 FOR HEAVY DUTY

Pumpex submersible sludge pump SP 10 - SP 80 are excellent for pumping sludge and water mixed with solid. They have a slim design and low weight, which makes them easy to move and easy to handle. Once a SP pump is installed it can run without risk of overheating the motor or sludge clogging.

Easy to move

Casted motor parts are made in lightweight aluminium alloy so the pump can easily be moved to the right location.

High wear resistance

Impeller and pump housing are made in wear resistant ductile iron for maximum wear resistance and durability, extending the life of the pump.

For extreme conditions choose Pumpex stainless steel vortex impellers.

Solids handling capability

The SP sludge pumps are fitted with free flow vortex impeller and pump housing that provides great flows without clogging.



Trouble free and safe handling

Pumpex pumps are equipped for immediate use. The slim design, encapsulated motor and no external moving parts makes installation and operation easy and safe.

Plug-in start with motor protection

Built-in contactor, capacitor (Single Phase) and thermal protectors in the stator windings protects the motor and features an automatic restart function.

High reliability

Double mechanical shaft seal in oil bath (silicon carbide on silicon carbide in the primary seal) for long life even under the most demanding running conditions.

Rigid stainless steel shaft with lower double angular contact ball bearings for vibration-free operation and long pump life.

High flexibility

The pump can operate in any position, vertical or horizontal.

The impellers are available in different sizes to meet your specific pumping requirements.

Non overloading performance

Flexible curve selection offers (blue curve) when you expect dry or snore running conditions. When half the motor or more (pump can operate lying down) is submersed you may choose the maximum impeller diameter (red curve).

Easy service and maintenance

Common philosophy through the complete range with modular design and interchangeable spare parts. (For example identical shaft seals and shaft end on SP20 to SP80).

- Easy access to separate sealed electrical junction box.
- Easy to replace hydraulic parts such as impeller and volute.

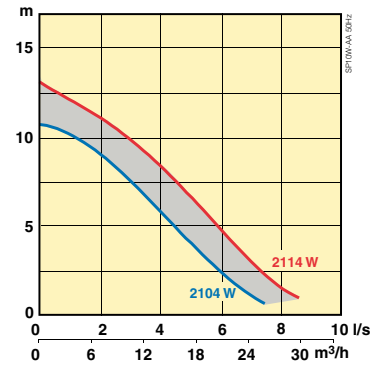
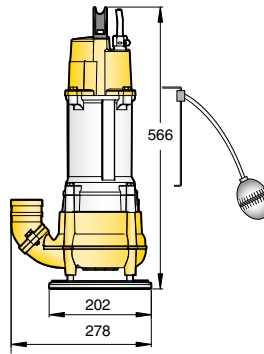
Environmentally safe

The oil housing is filled with environmentally safe white oil. Non toxic coatings are used.

PUMPEX SP 10 W

Pump Type	SP 10 W / WA*-2104 SP 10 W / WA*-2114
Motor rating P_2	0.9 kW, 1~
Max. power input P_1	1.2 kW
Voltage (V)	230
Full load (A)	5.1
Speed	2850 rpm
Motor protection	Built in
Electric cable	20 m
Free passage	Ø 40 mm
Discharge connection	Hose 2"
	Option: 2½", 3", G2", G2½", G3"
Weight (excl. cable)	18 kg

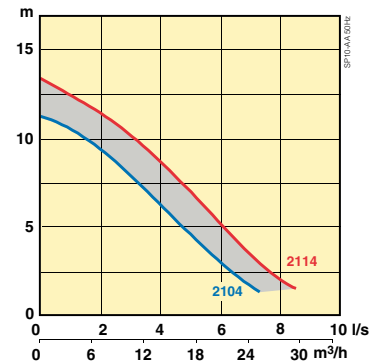
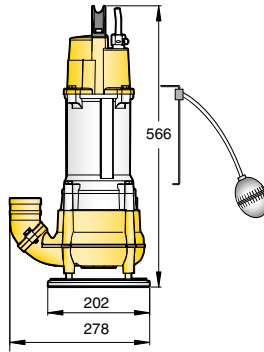
*) Built in float switch available as option.



PUMPEX SP 10

Pump Type	SP 10/A*-2104 SP 10/A*-2114
Motor rating P_2	0.9 kW, 3~
Max. power input P_1	1.2 kW
Voltage (V)	230 / 400 / 500
Full load (A)	3.3 / 1.9 / 1.5
Speed	2850 rpm
Motor protection	Built in
Electric cable	20 m
Free passage	Ø 40 mm
Discharge connection	Hose 2"
	Option: 2½", 3", G2", G2½", G3"
Weight (excl. cable)	18 kg

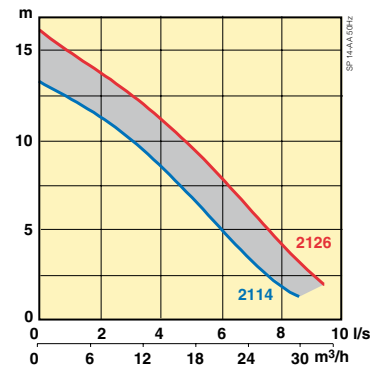
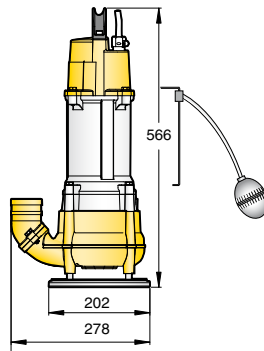
*) Built in float switch available as option, excl. 500V.



PUMPEX SP 14

Pump Type	SP 14/A*-2114 SP 14/A*-2126
Motor rating P_2	1.3 kW, 3~
Max. power input P_1	1.6 kW
Voltage (V)	230 / 400 / 500
Full load (A)	4.5 / 2.6 / 2.1
Speed	2850 rpm
Motor protection	Built in
Electric cable	20 m
Free passage	Ø 40 mm
Discharge connection	Hose 3"
	Option: 2", 2½", G2", G2½", G3"
Weight (excl. cable)	18 kg

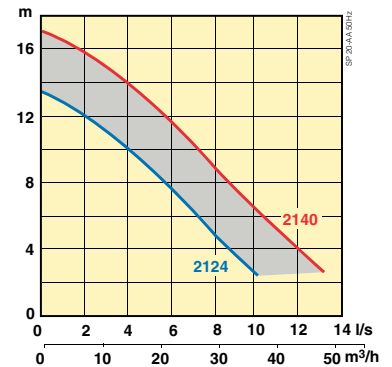
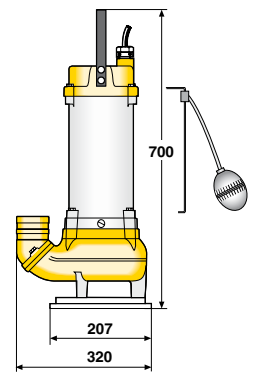
*) Built in float switch available as option, excl. 500V.



PUMPEX SP 20

Pump Type	SP 20/A*-2124 SP 20/A*-2140
Motor rating P_2	2.0 kW, 3~
Max. power input P_1	2.4 kW
Voltage (V)	230 / 400 / 500
Full load (A)	7.3 / 4.2 / 3.4
Speed	2870 rpm
Motor protection	Built in
Electric cable	20 m
Free passage	Ø 60 mm
Discharge connection	Hose 3"
	Option: 2½", 4", G2½", G3", G4"
Weight (excl. cable)	29 kg

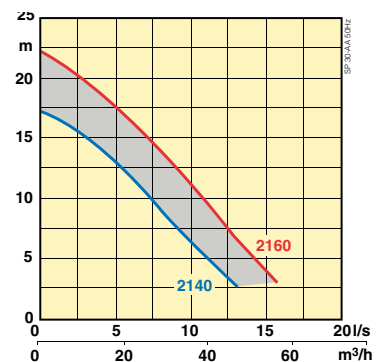
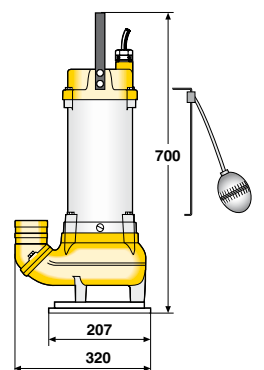
*) Built in float switch available as option, excl. 500V.



PUMPEX SP 30

Pump Type	SP 30/A*-2140 SP 30/A*-2160
Motor rating P_2	3.3 kW, 3~
Max. power input P_1	3.9 kW
Voltage (V)	230 / 400 / 500
Full load (A)	12 / 6.9 / 5.5
Speed	2870 rpm
Motor protection	Built in
Electric cable	20 m
Free passage	Ø 60 mm
Discharge connection	Hose 3"
	Option: 2½", 4", G2½", G3", G4"
Weight (excl. cable)	31 kg

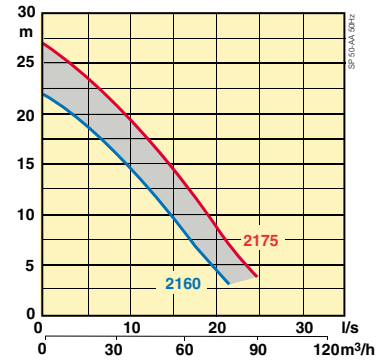
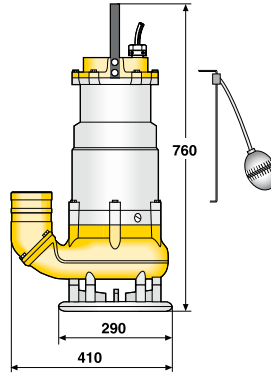
*) Built in float switch available as option, excl. 500V.



PUMPEX SP 50

Pump Type	SP 50/A*-2160 SP 50/A*-2175
Motor rating P_2	5.2 kW, 3~
Max. power input P_1	6.2 kW
Voltage (V)	230 / 400 / 500
Full load (A)	19.1 / 11 / 8.4
Speed	2850 rpm
Motor protection	Built in
Electric cable	20 m
Free passage	Ø 65 mm
Discharge connection	Hose 4"
Weight (excl. cable)	54 kg

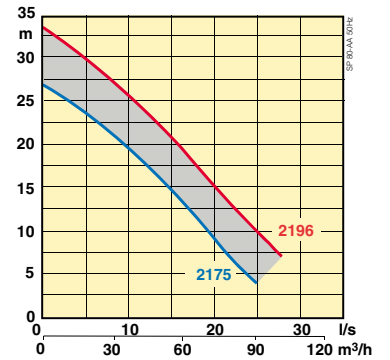
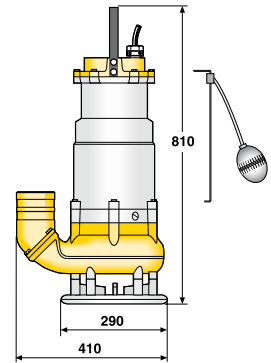
*) Built in float switch available as option, excl. 500V.



PUMPEX SP 80

Pump Type	SP 80/A*-2175 SP 80/A*-2196
Motor rating P_2	8.0 kW, 3~
Max. power input P_1	9.4 kW
Voltage (V)	230 / 400 / 500
Full load (A)	27.8 / 16 / 12.2
Speed	2850 rpm
Motor protection	Built in
Electric cable	20 m
Free passage	Ø 65 mm
Discharge connection	Hose 4"
Weight (excl. cable)	67 kg

*) Built in float switch available as option, excl. 500V.

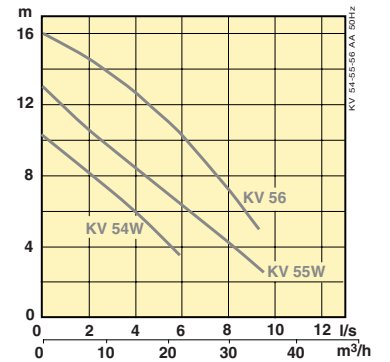
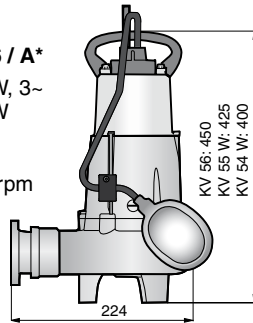


Light Duty Pump

PUMPEX KV 54-56

Pump Type	KV 54 W / WA*	KV 55 W / WA*	KV 56 / A*
Motor rating P_2	0.7 kW, 1~	1.5 kW, 1~	1.8 kW, 3~
Max. power input P_1	1.1 kW	2.1 kW	2.4 kW
Voltage (V)	230	230	400
Full load (A)	4.8 A	9.0	4.1
Speed	2900 rpm	2900 rpm	2900 rpm
Weight (incl. cable)	14 kg	17 kg	20 kg
Motor protection	Built in		
Electric cable	10 m		
Free passage	Ø 40 mm		
Discharge connection	Hose 2" Option: G2"		

*) Built in float switch available as option.



PUMPEX TRANSPORTABLE SLUDGE PUMPS SK 81 - SK 150 FOR VERSATILE APPLICATIONS

Pumpex submersible sludge pump SK 81 - SK 150 are suitable for pumping sludge and water mixed with solid. The robust cast iron design provides a sturdy pump for rough conditions. The pump runs continuously at any water level without overloading the motor.

Trouble free and safe handling

Pumpex sludge pump SK is a portable pump and features a sturdy stainless steel handle and a robust ductile iron stand. It can easily be lifted and moved to where it is needed without suction hoses or any concern about suction lifts. This makes installation and operation easy and safe.

Non overloading performance

All SK sludge pumps can operate over the entire performance curve without overloading the motor.

Dry running capability

All SK sludge pumps can operate with the unit submersed, half dry or totally dry, in continuous duty at maximum power without overheating the motor.

Easy service and maintenance

Modular design through the complete range with interchangeable spare parts makes maintenance and service easier. The sealed cable entry is easy to access and the hydraulic parts, such as impeller, seal cartridge and volute are easy to replace, even at site.



Solids handling capability

The SK sludge pumps are fitted with free flow vortex impeller and pump housing that provides excellent non clogging performance.

High flexibility

The pump can operate in any position, vertical or horizontal.

High reliability

Pumpex SK pumps have double mechanical seals in oil bath with individual primary and secondary seals. Pumpex SK 100 and SK 150 have cartridge seal unit with double mechanical seals, silicon carbide on silicon carbide in the primary seal cooled by the closed cooling system, for long life even under the most demanding operating conditions.

The pumps are equipped with moisture sensor probe and a temperature sensor in each winding.

Rigid stainless steel shaft combined with double row angular contact ball bearings provide vibration-free operation and long pump life.

The lubricated-for-life bearing is calculated for minimum 50 000 hours service life.

Explosion proof is standard

All SK sludge pumps are explosion proof in accordance with international standards EExd IIB T4 and ATEX.

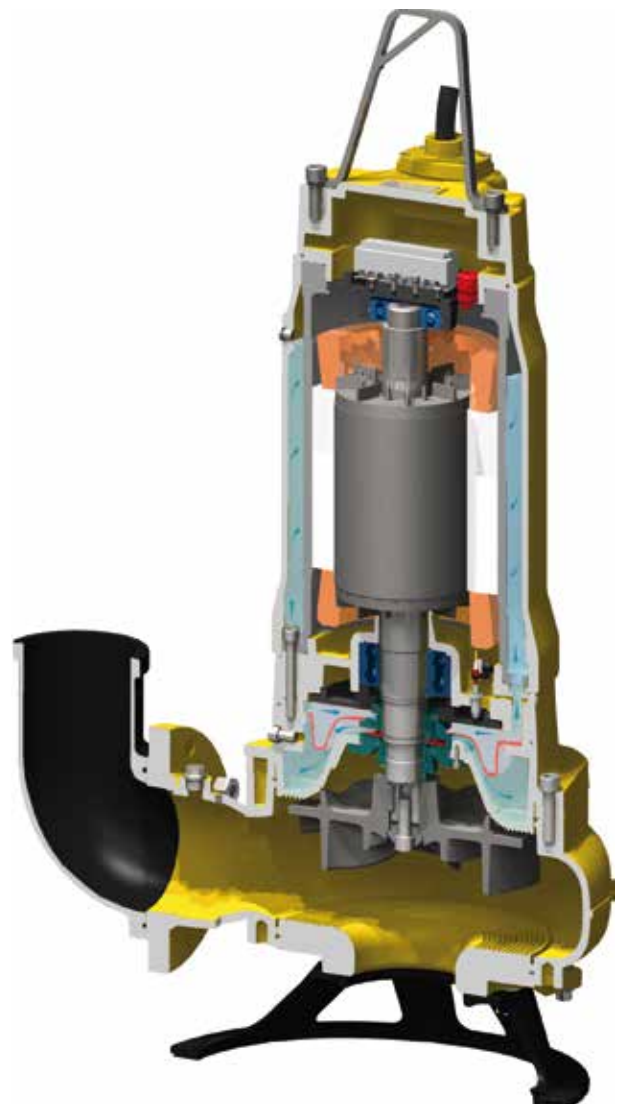
Premium efficiency motor

Pumpex SK pumps are equipped with IE3 Premium Efficiency Motors in accordance with IEC 60034-30 level IE3. The pumps have stator insulation class H and a service factor of 1.3 for extra reliability.

Environmentally safe

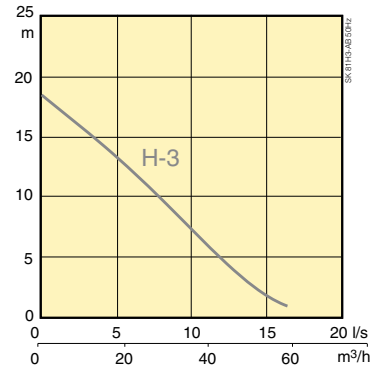
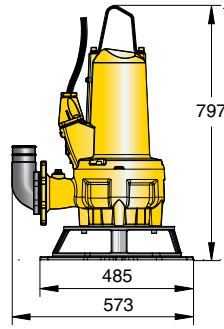
The oil housing on the SK 81-102 is filled with environmentally safe white oil. The oil housing on SK 100 and SK 150 is filled with environmentally safe glycol coolant.

Environmental friendly protection coatings are used on all the surfaces.



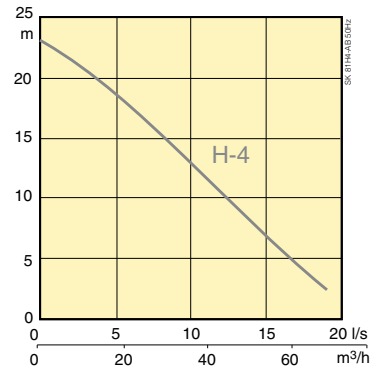
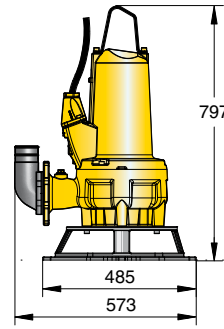
PUMPEX SK 81H-3

Pump Type	SK 81H-3
Motor rating P_2	3.0 kW, 3~
Max. power input P_1	3.42 kW
Voltage (V)	400 / 500
Full load (A)	5.6 / 4.5
Speed	2893 rpm
Weight (excl. cable)	120 kg
Motor protection	Thermal overload sensors
Electric cable	20 m
Free passage	50 mm
Discharge connection	Hose 3" Option: 4", G3", G4" Flanged DN 80



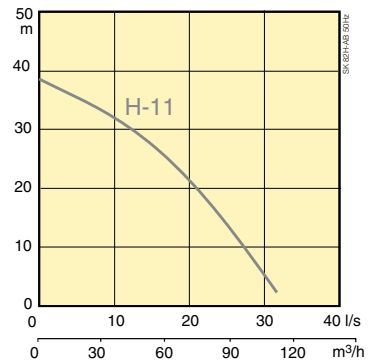
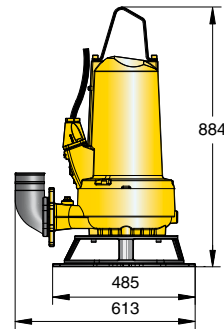
PUMPEX SK 81H-4

Pump Type	SK 81H-4
Motor rating P_2	4.0 kW, 3~
Max. power input P_1	4.52 kW
Voltage (V)	400 / 500
Full load (A)	7.4 / 5.9
Speed	2900 rpm
Weight (excl. cable)	125 kg
Motor protection	Thermal overload sensors
Electric cable	20 m
Free passage	50 mm
Discharge connection	Hose 3" Option: 4", G3", G4" Flanged DN 80



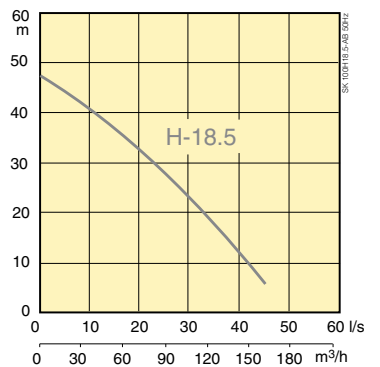
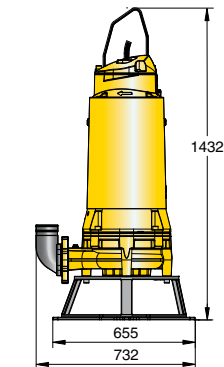
PUMPEX SK 82H

Pump Type	SK 82H-11
Motor rating P_2	11.0 kW, 3~
Max. power input P_1	12.1 kW
Voltage (V)	400 / 500
Full load (A)	20.1 / 16.1
Speed	2930 rpm
Weight (excl. cable)	172 kg
Motor protection	Thermal overload sensors
Electric cable	20 m
Free passage	65 mm
Discharge connection	Hose 4" Option: 3", G3", G4" Flanged DN 80



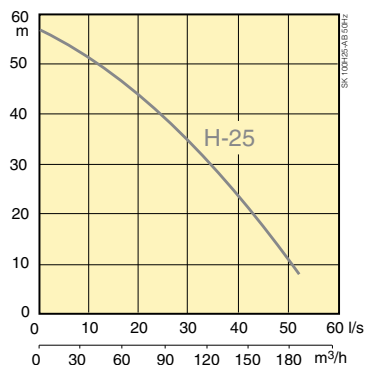
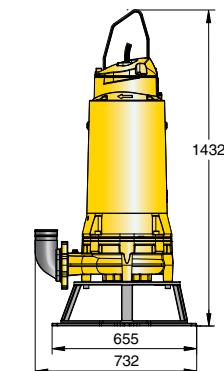
PUMPEX SK 100H-18.5

Pump Type	SK 100H-18.5
Motor rating P_2	18.5 kW, 3~
Max. power input P_1	20.0 kW
Voltage (V)	400 / 500
Full load (A)	33.7 / 27.0
Speed	2930 rpm
Weight (excl. cable)	393 kg
Motor protection	Thermal overload sensors
Electric cable	20 m
Free passage	64 mm
Discharge connection	Hose 4" Option: G4" Flanged DN 100



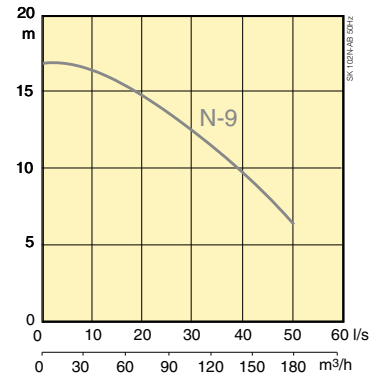
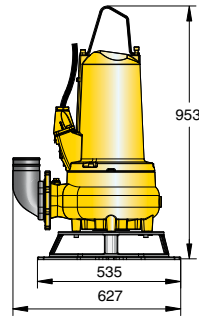
PUMPEX SK 100H-25

Pump Types	SK 100H-25
Motor rating P_2	25.0 kW, 3~
Max. power input P_1	26.9 kW
Voltage (V)	400 / 500
Full load (A)	44.0 / 35.2
Speed	2930 rpm
Weight (excl. cable)	405 kg
Motor protection	Thermal overload sensors
Electric cable	20 m
Free passage	64 mm
Discharge connection	Hose 4" Option: G4" Flanged DN 100



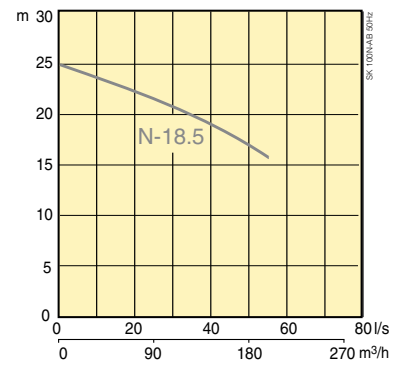
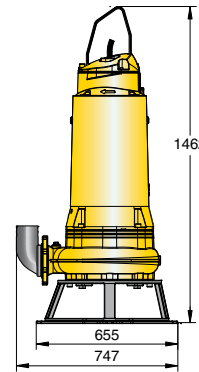
PUMPEX SK 102N

Pump Type	SK 102N-9
Motor rating P_2	9.0 kW, 3~
Max. power input P_1	9.91 kW
Voltage (V)	400 / 500
Full load (A)	18.1 / 14.5
Speed	1465 rpm
Weight (excl. cable)	185 kg
Motor protection	Thermal overload sensors
Electric cable	20 m
Free passage	100 mm
Discharge connection	Hose 4" Option: G4" Flanged DN 100



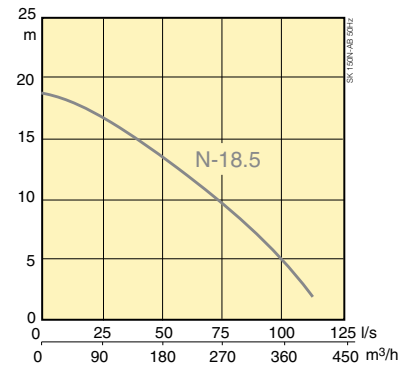
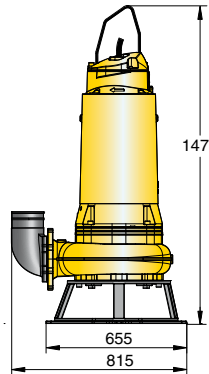
PUMPEX SK 100N

Pump Type	SK 100N-18.5
Motor rating P_2	18.5 kW, 3~
Max. power input P_1	20.0 kW
Voltage (V)	400 / 500
Full load (A)	36.9 / 29.5
Speed	1465 rpm
Weight (excl. cable)	413 kg
Motor protection	Thermal overload sensors
Electric cable	20 m
Free passage	100 mm
Discharge connection	Hose 4" Option: G4" Flanged DN 100



PUMPEX SK 150N

Pump Type	SK 150N-18.5
Motor rating P_2	18.5 kW, 3~
Max. power input P_1	20.0 kW
Voltage (V)	400 / 500
Full load (A)	36.9 / 29.5
Speed	1465 rpm
Weight (excl. cable)	426 kg
Motor protection	Thermal overload sensors
Electric cable	20 m
Free passage	100 mm
Discharge connection	Hose 6" Option: G6" Flanged DN 150



OPTIONS AND ACCESSORIES



Pump with built in float switch

P 601 110/230 V, P 801 and SP 10 230 V single phase as well as P 601 - P 801, SP 14 - SP 80 230/400 V three phase are available with built in float switch when automatic start and stop is required.

A typical installation for automatic level control is in narrow sumps where the level of the sump is changing quickly.

Starter box with float switch

When automatic start and stop operation is required this can be provided with a separate starter box or with a float switch built-in to the top of the pump.



Starter box DOL/Star-Delta start

Pumpex supplies control panels for all kind of operations, as per international standard or specially designed to meet various local requirements and specifications. If a start and stop level is required float switches can be added to the boxes.

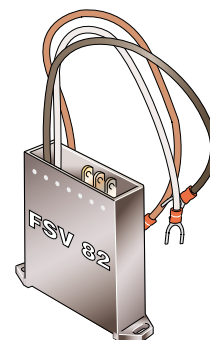
For more detailed information contact Pumpex.



Electronic motor supervision

FSV 82, electronic motor protector. The motor protector prevents the pump from starting in the wrong direction of rotation. This protection device will also trip the pump in event of phase failure.

The FSV 82 features automatic restart in the event that the pump has tripped due to over heating.



SoftDrive™

SoftDrive™ is available built in on P 2001, P 3001 and PX 12. The Pumpex SoftDrive™ concept reduces starting current dramatically, providing a smooth operation for both the power net and pump equipment. Eliminates water hammering effects when the pump is stopped, allowing the pump to smoothly ramp down. Intelligent protection built into the pump, ensuring correct impeller rotation, motor protection and main power check at start up.



Surface protection coating

For improved corrosion resistance. Pumpex offers a special surface protection with an extra layer of Pumpex environmental friendly 2-component epoxy coating on all casted parts.

For extreme conditions zinc anodes can be added to the 2-component epoxy coating.

ZincPro™

Pumpex ZincPro™, a zinc protection system which can be used on all Pumpex submersible dewatering pumps, an easy way to extend the service life of pumps in salty water. Mounting sacrificing anodes of zinc to the pump body is a well proven method to reduce galvanic corrosion of aluminium castings when used in salty water. The method has been used for many years not only for submersible pumps but also to protect other machines such as outboard motors for leisure boats.



Polyurethane

Pumpex offers Enduro Lining™, a solution where the diffusers and wear discs are coated with polyurethane.

Pumpex impellers are designed with a full upper shroud, which improves the wear resistance of the impeller and eliminates the need of polyurethane on the oil casing cover.

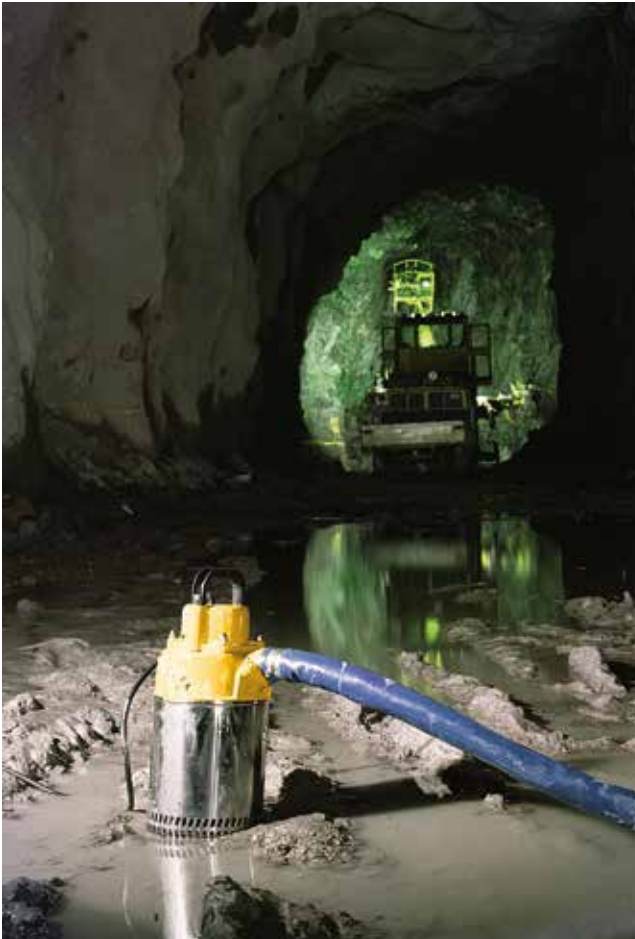
Polyurethane coated wear parts are mainly used in extremely abrasive applications such as mining.



Stainless steel impellers

Pumpex also offers stainless steel impellers for SP pumps and a selected range of P, PC and PX pumps.



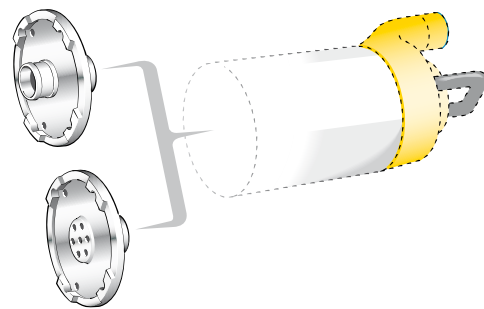


Series connection

Series connections are available for all drainage pumps. The series connections have a center inlet for hose connection.

Bottom suction adapter

On pumps types P 601, P 801 and P 1001 the standard bottom plate may be replaced by a bottom suction adapter. A basement floor or a tank can be pumped practically dry with this adapter.



PumpFloater™

Pumpex PumpFloater offers a modular system and cover pumps from 18 to 600 kg.

The PumpFloater is easy to use and build to any of Pumpex dewatering pumps. Other pump types may be used after checking the lifting capacity.

The flexible design makes it easy to simply add on another floatation module to increase the floating capacity.

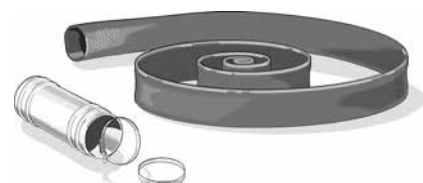
The length of the 2 part lifting chain is easily adjusted for the pump to be installed in the water correctly.

Hose, jointing pipe, clamp

Flexible reinforced discharge hose.

Available with inner diameter 1", 1 1/2", 2", 2 1/2", 3", 4", 6", 8".

Hose clamp and jointing pipe for flexible hose are available with same diameter.

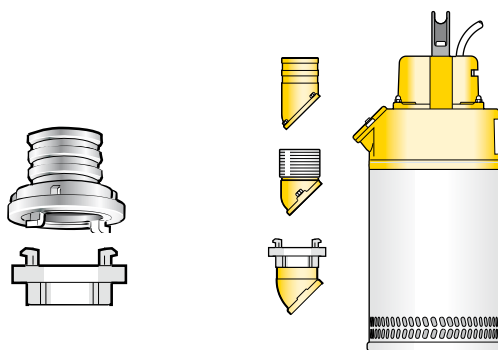




Discharge connections

Pumpex drainage pumps can be equipped with a variety of discharge types. A threaded discharge connection can be used with a storz aluminium coupling for fast connection of the delivery hose.

The couplings can be supplied in the sizes: 2" (C), 3" (B), 4" (A), 6" (F)



Emergency kit

Pumpex emergency kit including pump, discharge connection, hose, hose clamps, lift-ing rope and extra accessory for low level pumping. The complete kit is lifted of a truck and brought to where it is needed. For emergency situations all equipment are on site for a fast, easy and safe installation. When pumping is ended it is easy to put parts back in the support case and bring it back to the truck or to the next site.





**Our products are being exported to more than
70 countries, all over the world.**

The manufacturer reserves the right to alter performance, specifications or design without notice.
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