

**pumpa**<sup>®</sup>

**blue line**

**BLUE LINE PSXA**

Intelligent submersible  
drainage pump

## **BLUE LINE PSXA**

Intelligent submersible stainless steel drainage pump. Designed for pumping drainage water in the fields of civil engineering such as mines, quarries, suitable for draining flooded rooms or for pumping storage tanks, ponds, lakes, septic tanks or for rainwater collectors.



### **Main features**

- Reversing protection to ensure correct rotation of the impeller.
- Protection against opening or jamming of the impeller, thus preventing possible accidents.
- Automatic stop of the pump in case of overfilling or abnormal voltage and subsequent restart after 5 min.
- Pump stops running when high temperature is reached and automatically restarts when cooled to target temperature.
- The height of the water detector can be adjusted for better control of pump operation and shutdown.
- The pump will stop operation within 60 seconds of the water level reaching below the detector level, remain idle for 180 seconds and then resume operation if the water level rises above the detector level.
- Quick overview of the pump operation and fault history.

### **Application**

- Pumping drainage water containing abrasives
- For the construction industry - mines, quarries, constructions
- Wastewater drainage
- Other applications

# Specifications

Model	PSXA21,5	PSXA22,2	PSXA32,2	PSXA23,7	PSXA33,7	PSXA43,7	PSXA45,5	PSXA47,5	PSXA67,5	PSXA41,1
Code	ZB00055352	ZB00055353	ZB00055354	ZB00055355	ZB00055356	ZB00055357	ZB00055358	ZB00055359	ZB00055360	ZB00055361
Connection	2"	2"	3"	2"	3"	4"	4"	4"	6"	4"
Max. flow	30 m <sup>3</sup> /h	32 m <sup>3</sup> /h	55 m <sup>3</sup> /h	36 m <sup>3</sup> /h	60 m <sup>3</sup> /h	95 m <sup>3</sup> /h	105 m <sup>3</sup> /h	88 m <sup>3</sup> /h	130 m <sup>3</sup> /h	86,4 m <sup>3</sup> /h
Max. head	21 m	25 m	18,5 m	32 m	29 m	18 m	23 m	41 m	32 m	48,5 m
Power	1,5 kW	2,2 kW	2,2 kW	3,7 kW	3,7 kW	3,7 kW	5,5 kW	7,5 kW	7,5 kW	11 kW
Voltage	400 V	400 V	400 V	400 V	400 V	400 V	400 V	400 V	400 V	400 V
Rated flow	15 m <sup>3</sup> /h	20 m <sup>3</sup> /h	36 m <sup>3</sup> /h	18 m <sup>3</sup> /h	35 m <sup>3</sup> /h	60 m <sup>3</sup> /h	60 m <sup>3</sup> /h	60 m <sup>3</sup> /h	60 m <sup>3</sup> /h	60 m <sup>3</sup> /h
Rated head	15 m	18 m	11 m	26 m	18,5 m	11,5 m	16 m	26 m	20,5 m	32 m
Rated current	3,5 A	5 A	5 A	7,7 A	7,7 A	7,7 A	11,4 A	15 A	15 A	22 A
Max. immersion depth	25 m	25 m	25 m	25 m	25 m	25 m	25 m	25 m	25 m	25 m
Particle permeability	8,5 mm	8,5 mm	8,5 mm	8,5 mm	8,5 mm	8,5 mm	8,5 mm	11,5 mm	19,5 mm	11,5 mm
Output	50 mm	50 mm	80 mm	50 mm	80 mm	100 mm	100 mm	100 mm	150 mm	100 mm
Protection	IP 68	IP 68	IP 68	IP 68	IP 68	IP 68	IP 68	IP 68	IP 68	IP 68
Insulation class	F	F	F	F	F	F	F	F	F	F
Max. liquid temperature	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C
Cable length	15 m	15 m	15 m	15 m	15 m	15 m	15 m	15 m	15 m	15 m
Gross weight	43 kg	46 kg	46 kg	66 kg	66 kg	67 kg	75 kg	129 kg	142 kg	119 kg
Net weight	39 kg	42 kg	42 kg	60 kg	60 kg	61 kg	71 kg	116 kg	133 kg	129 kg
Package dimensions [mm]	690x270x315	690x270x315	690x270x315	730x320x345	730x320x345	730x320x345	770x320x455	964x394x455	964x394x455	1004x394x455

## Hydraulic performance curve

