

pumpa[®]

blue line

BLUE LINE PSHDA

Intelligent submersible
drainage pump

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Intelligent submersible 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	PSHDA21,5	PSHDA22,2	PSHDA23,7	PSHDA33,7	PSHDA35,5
Code	ZB00055362	ZB00055364	ZB00055365	ZB00055367	ZB00055368
Connection	2"	2"	2"	3"	4"
Max. flow	30 m ³ /h	32 m ³ /h	36 m ³ /h	60 m ³ /h	95 m ³ /h
Max. head	21 m	25 m	32 m	29 m	18 m
Power	1,5 kW	2,2 kW	3,7 kW	3,7 kW	3,7 kW
Voltage	400 V	400 V	400 V	400 V	400 V
Rated flow	15 m ³ /h	20 m ³ /h	18 m ³ /h	35 m ³ /h	60 m ³ /h
Rated head	15 m	18 m	26 m	18,5 m	11,5 m
Rated current	3,5 A	5 A	7,7 A	7,7 A	7,7 A
Max. immersion depth	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
Output	50 mm	50 mm	50 mm	80 mm	100 mm
Protection	IP 68	IP 68	IP 68	IP 68	IP 68
Insulation class	F	F	F	F	F
Max. liquid temperature	40 °C	40 °C	40 °C	40 °C	40 °C
Cable length	15 m	15 m	15 m	15 m	15 m
Gross weight	43 kg	46 kg	66 kg	66 kg	67 kg
Net weight	39 kg	42 kg	60 kg	60 kg	61 kg
Package dimensions	690x270x315 mm	690x270x315 mm	730x320x345 mm	730x320x345 mm	730x320x345 mm

Hydraulic performance curve

