

DB Series

Submersible Pumps | Double Channel Submersibles



Made in Italy
by Pentax Pumps



Application

Drainage pump with “Double-Channel” impeller for pumping charged waters and liquids with suspended solids; ideal for civil and household applications.

Construction and Features

- Pump body: Cast iron with openings 1½” and 2”
- Shell, motor cover, base support: Stainless steel
- Impeller: Stainless steel
- Mechanical seal: Double seal with oil barrier; silicon carbide on pump side, ceramic-graphite on motor side
- Motor shaft: Stainless steel AISI 430
- Passage of solids: Ø Max 50mm (DC 82-102)
Ø Max 35mm (DC 80-100)
- Depth of immersion: Max 5m
- Liquid temperature: 0 – 40°C
- Cable: H07 RNF, 10m
- Float switch: A



Motor

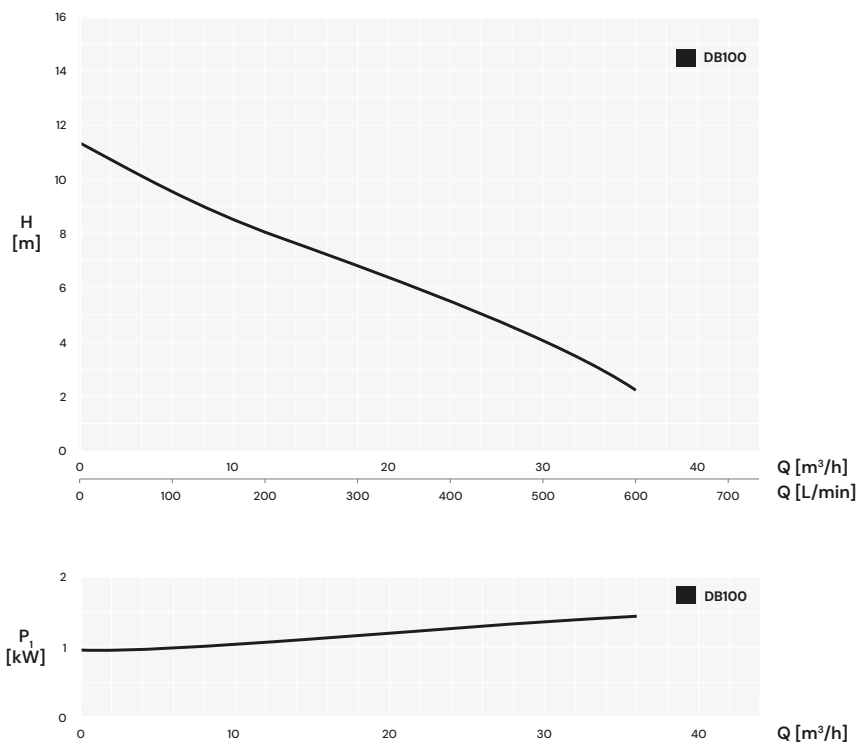
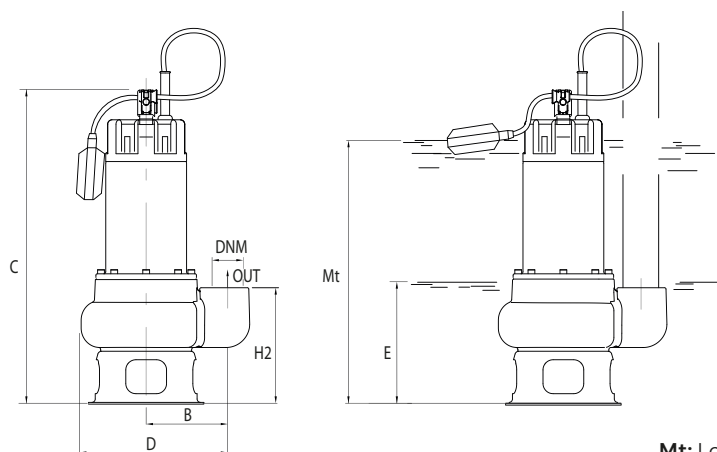
- 2 Pole induction motor: 1~ 240V-50Hz,
With thermal protection
- Insulation class: F
- Protection degree: IP68

Technical Data

Type		W	Ampere		Q (m³/h - l/min)							
1~	3~		1~	3~	0	6	12	18	24	30	36	39
					0	100	200	300	400	500	600	650
			1x230V 50 Hz	3x400V 50 Hz	H (m)							
DB100-1	DB100-3	1350	5.9	2.8	11.4	9.5	8.0	6.8	5.6	4.0	2.2	-



Performance



E: Maximum emptying level
Mt: Lowest level for continuous duty

Dimensions

Model	Dimensions (mm)										Kg
	B	C	D	E	H2	Mt	DNM	I	L	M	
DB100	110	410	230	140	170	290	2"G	250	183	448	13.5

Model Range

Model	Description
DB100-1	Hyjet 1350 Watt 240V 600 L/min 11m Head Vortex Submersible Pump
DB100-1A	Hyjet 1350 Watt 240V 600 L/min 11m Head Vortex Submersible Pump with float switch

