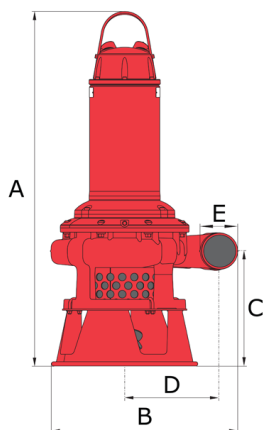


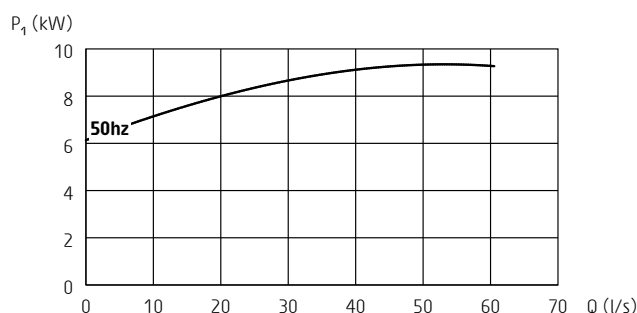
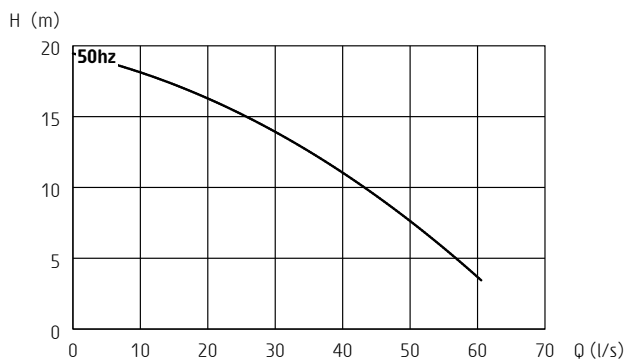


No: PD548020-INT | Revision 1 2010.11 | 50 Hz

8148.020

Bravo 400*Electrical submersible slurry pump*

50 Hz	Bravo 400
Discharge connection E	4"
Rated power P_2	13,5 kW
Max. power consumption P_1	16 kW
Shaft speed rpm	1455
Rated current at 230V	47 A
Rated current at 400V	28 A
Rated current at 500V	21 A
Solids passage with agitator	30 mm
Dimensions A / B / C / D	1148 / 595 / 337 / 265 mm
Weight	231 kg
Other voltages on request	



ISO 9906/A

General description

Pump with closed impeller and agitator for reliable pumping of highly abrasive slurry in high concentrations

Classification

Electrical submersible slurry pump
Protection class: IP 68

Electrical motor

Squirrel cage induction motor
Insulation class: H (IEC 85), DOL or star/delta

Motor protection

Thermo switches in motor windings

This pump must be used with external motor protection in accordance with technical data

Cable - SubCab 20 m (66 ft)

230V DOL: 4x10mm² + 2x1.5mm²
230V Y/D: 7x6mm² + 2x1.5mm²
400-500V DOL: 4x6mm² + 2x1.5mm²
400-500V Y/D: 7x4mm² + 2x1.5mm²

Shaft seals

Cartridge seal: pre-assembled double mechanical seal running in an oil compartment

Material lower seal: tungsten carbide - tungsten carbide

Material upper seal: tungsten carbide - tungsten carbide

Materials

Drive unit: *Cast iron*

Pump housing: *Hard-Iron™*

Impeller: *Hard-Iron™*

Lifting handle: *Stainless steel*

Shaft: *Stainless steel*

Agitator: *Hard-Iron™*

Studs, screws and nuts: *Stainless steel*

O-rings: *Nitrile rubber*

Limitations

Max. submersion depth: 20 m (66 ft)

Max. liquid temperature: 40 °C (104 °F)

Allowed pH range: 5.5 - 14

Specifications can be changed without notice

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