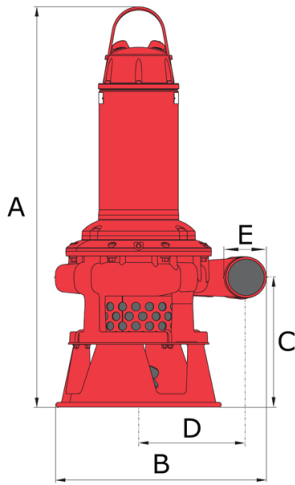
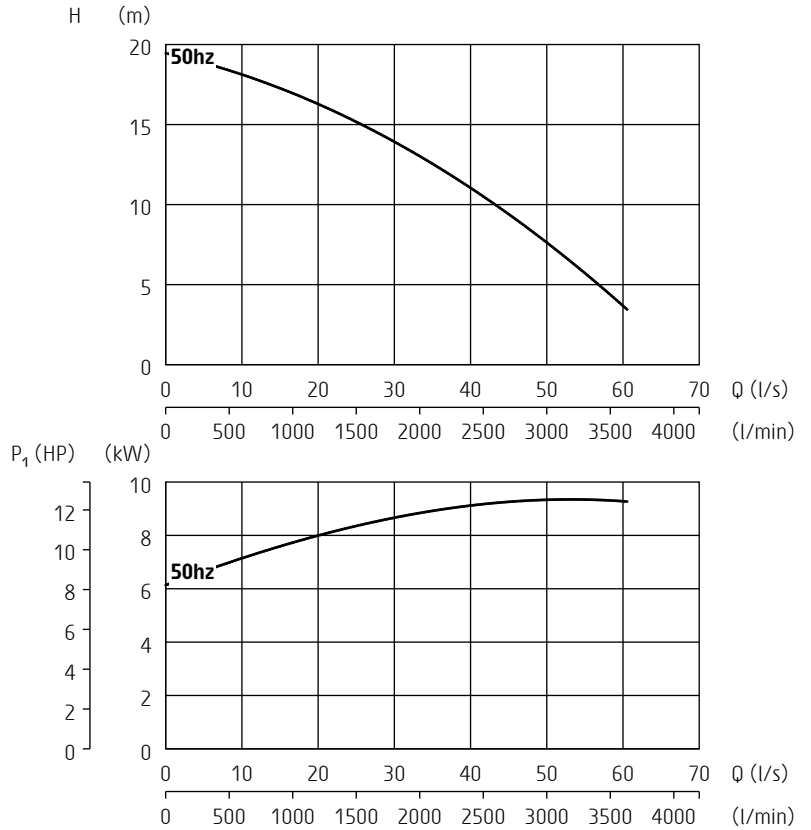


Bravo 400

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	1455 U/min
Rated current at 230V	47 A
Rated current at 400V	28 A
Rated current at 500V	21 A
Solids passage	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

Thermoswitches 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