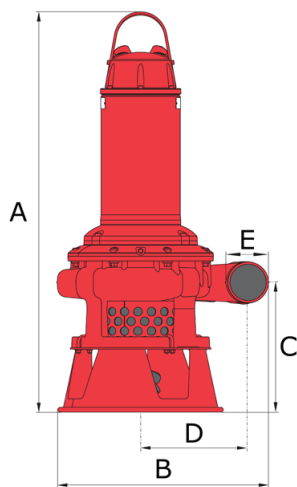




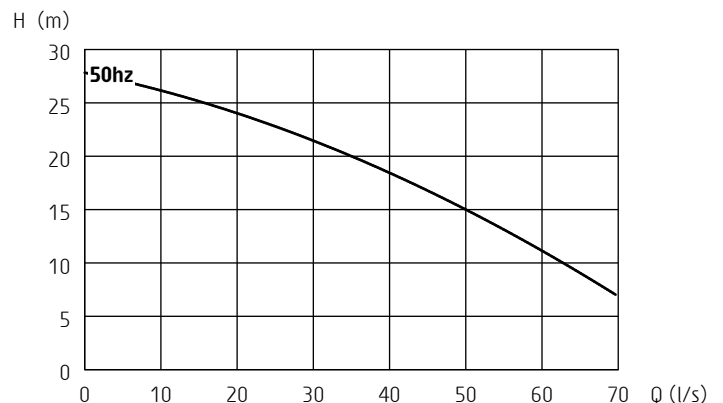
Bravo 500

Electrical submersible slurry pump



50 Hz	Bravo 500
Discharge connection E	4"
Rated power P_2	18,5 kW
Max. power consumption P_1	21 kW
Shaft speed rpm	1460
Rated current at 230V	62 A
Rated current at 400V	36 A
Rated current at 500V	29 A
Solids passage with agitator	40 mm
Dimensions A / B / C / D	1273 / 595 / 335 / 265 mm
Weight	293 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