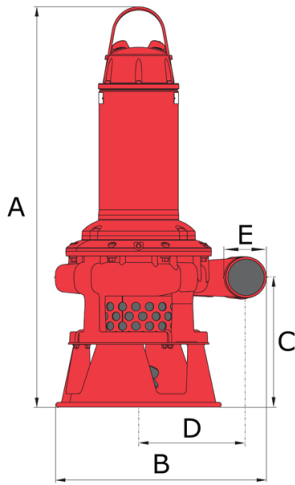
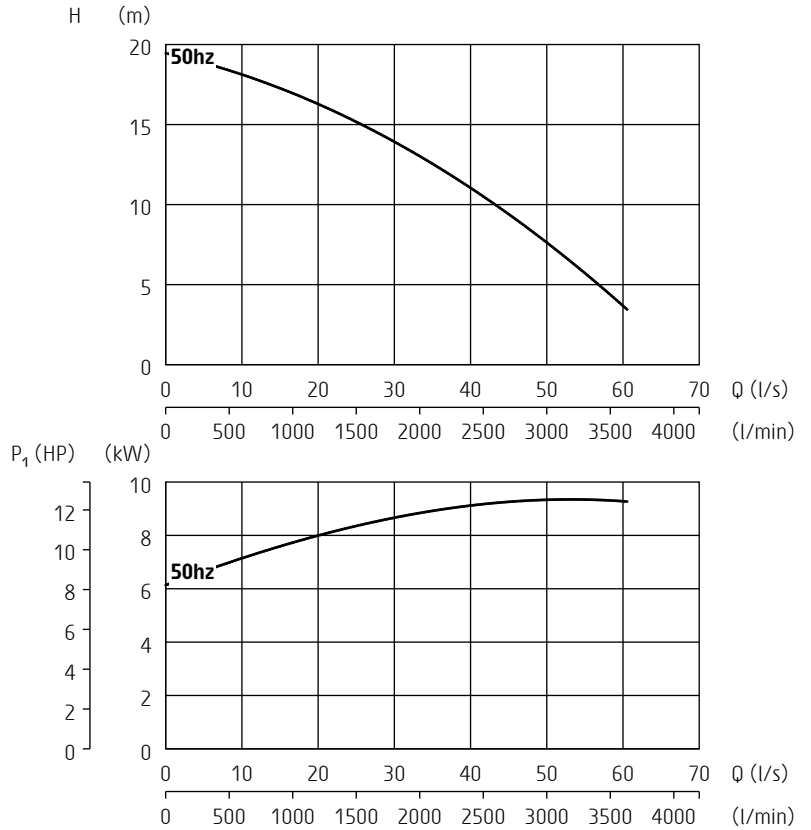


Bravo 400

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