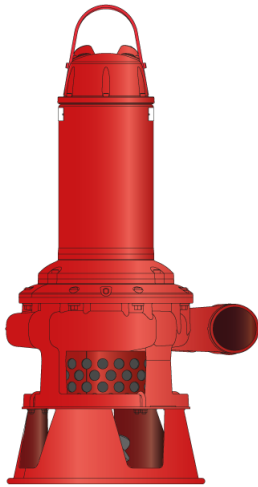


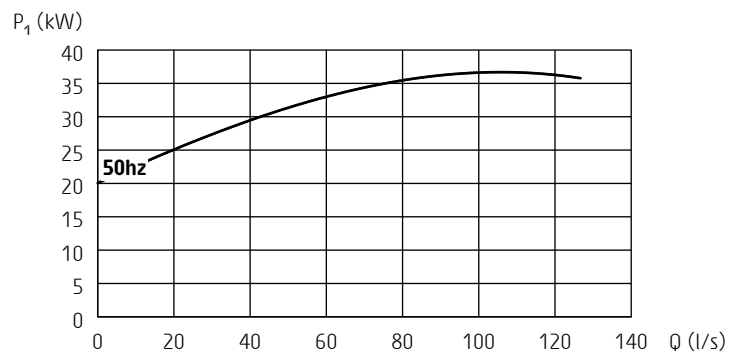
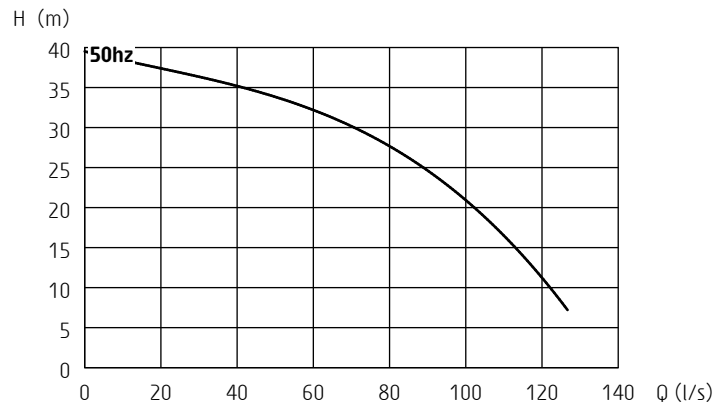


Bravo 800

Electrical submersible slurry pump



50 Hz	Bravo 800
Discharge connection	6"
Rated power P_2 [kW]	45
Max. power consumption P_1 [kW]	49
Shaft speed [rpm]	1475
Rated current at 400V	82 A
Rated current at 500V	63 A
Solids passage with agitator [mm]	36
Height [mm]	1652
Diameter [mm]	875
Weight [kg]	613
<i>Other voltages on request</i>	



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)

400-500V DOL: 4x16mm² + 2x1.5mm²
400-500V Y/D: 2x4x10mm² + 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