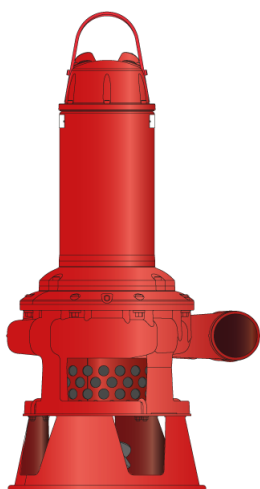




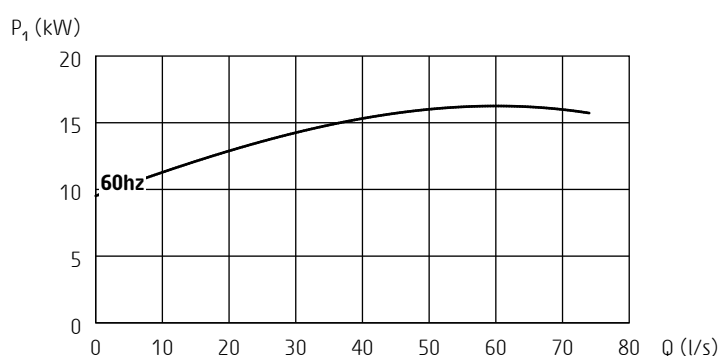
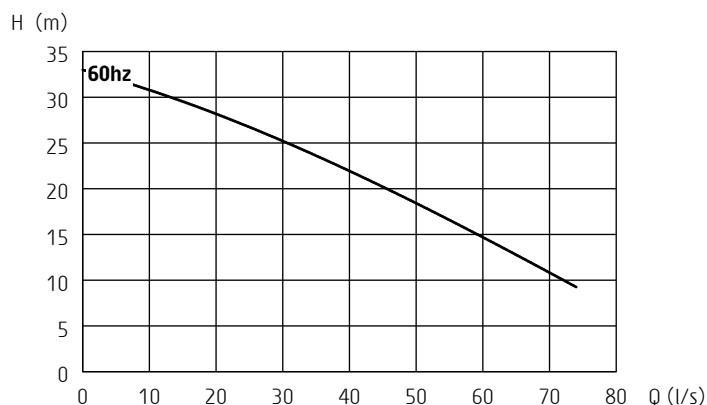
Bravo 500

Electrical submersible slurry pump



60 Hz	Bravo 500/22
Discharge connection	4"
Rated power P_2 [kW/hp]	22 / 30
Max. power consumption P_1 [kW]	25
Shaft speed [rpm]	1755
Rated current at 230V	75 A
Rated current at 460V	38 A
Rated current at 575V	29 A
Solids passage with agitator [mm/inch]	40 / 1 3/5
Height [mm/inch]	1273 / 50
Diameter [mm/inch]	595 / 23 1/2
Weight [kg/lbs]	293 / 646

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