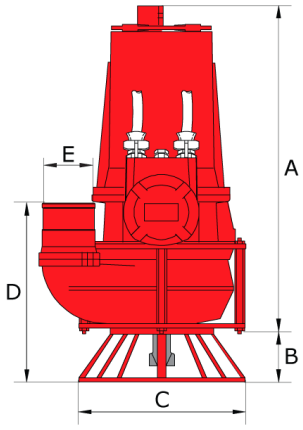
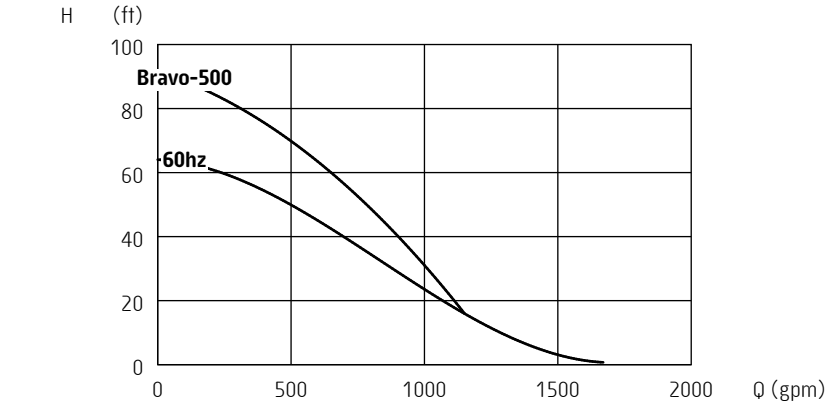
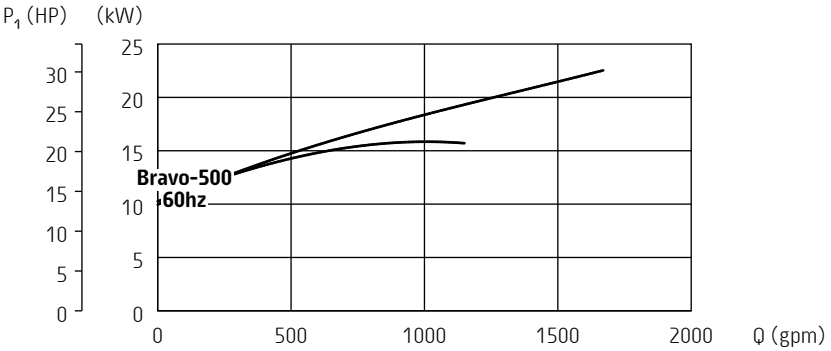
Bravo 50

Electrical submersible slurry pump







ISO 9906/A

60 Hz	Bravo 50
Discharge connection E	6´´
Rated power P_2 [kW/HP]	25 / 33.5
Max. power consumption P_1 [kW]	29.8
Shaft speed [r.p.m.]	1750
Rated current at 230V	96.4 A
Rated current at 460V	46.1 A
Rated current at 575V	-
Solids passage with / without agitator	50 / 100 mm
Dimensions A / B / C / D	890 / 150 / 470 / 520 mm
Dimensions A / B / C / D	35¼ / 6 / 18½ / 20½´´
Weight [kg/lbs]	344 / 764

Other voltages on request

General description
Vortex impeller pump with agitator in wear resistant NiHard 4 for reliable transport of highly abrasive solids in high concentrations. For industry, mining, construction works, dredging and other demanding applications

Classification
Electrical submersible slurry pump
Protection class: IP 68

Electrical motor
Squirrel cage induction motor
Insulation class: H (IEC 85)

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)
50 Hz 230V YD: 2x4x10mm² + 1x4x2.5mm²
50 Hz 380 - 500V YD : 2x4x4mm² + 1x4x2.5mm²
60 Hz 380 - 460V YD: 2xAWG8/4 + 1xAWG14/4
60 Hz 575V YD: 2xAWG10/4 + 1xAWG14/4

Shaft seals
Double mechanical shaft seals running in an oil compartment
Material lower seal: silicon carbide - silicon carbide
Material upper seal: carbon - ceramic

Materials
Motor housing: *Cast iron*
Wear plate: *NiHard 4*
Pump housing: *NiHard 4*
Flange discharge connection: *NiHard 4*
Hose or Iso-G BSP adapter: *Cast iron*
Impeller: *NiHard 4*
Agitator: *NiHard 4*
Shaft: *Stainless steel*
Bolts: *Stainless steel*
Electrical cable: *Neoprene*
Primer: *Alkyd primer*
Top coating: *Two component high-build polyurethane coating*

Limitations
Max. submersion depth: 20 m (66 ft)
Max. liquid temperature: 40 °C (104 °F)
Allowed pH range: 4 - 10

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Specifications can be changed without notice