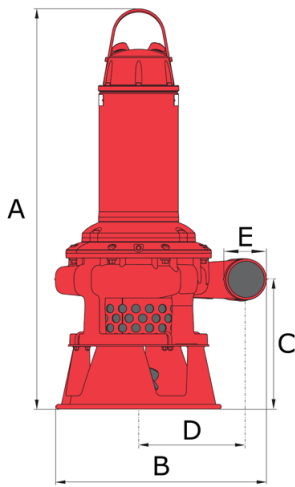




## Bravo 800

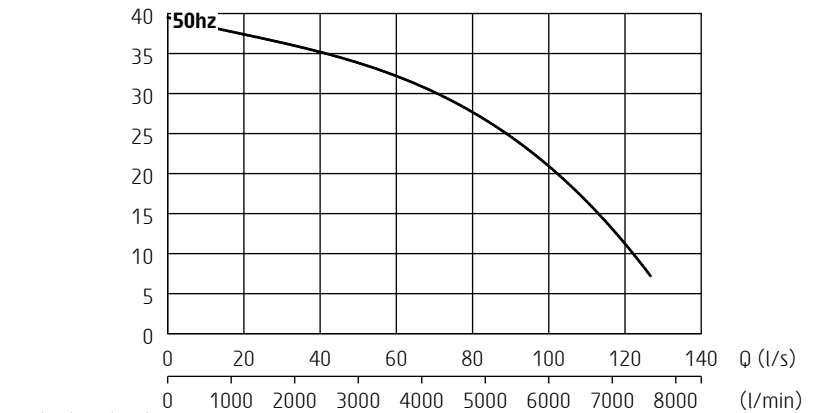
Electrical submersible slurry pump



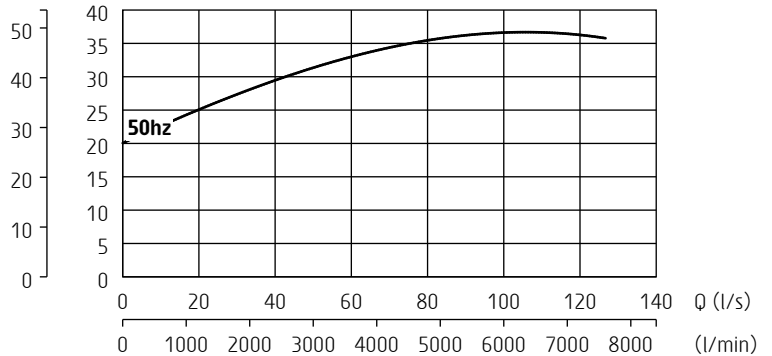
50 Hz	Bravo 800
Discharge connection E	6"
Rated power $P_2$	45
Max. power consumption $P_1$	49
Shaft speed	1475
Rated current at 400V	82 A
Rated current at 500V	63 A
Solids passage	36 mm
Dimensions A / B / C / D	1652 / 875 / 535 / 445 mm
Weight	613 kg

Other voltages on request

H (m)



$P_1$  (HP) (kW)



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: 4x16mm<sup>2</sup> + 2x1.5mm<sup>2</sup>

400-500V Y/D: 2x4x10mm<sup>2</sup> + 2x1.5mm<sup>2</sup>

### 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