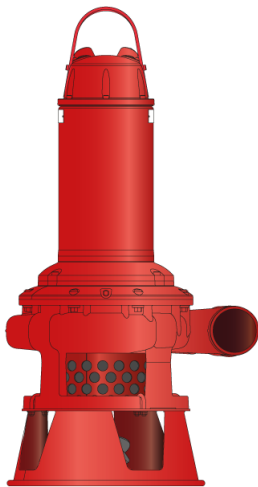




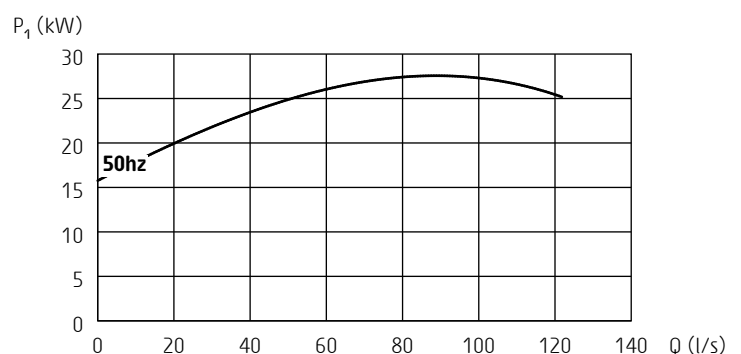
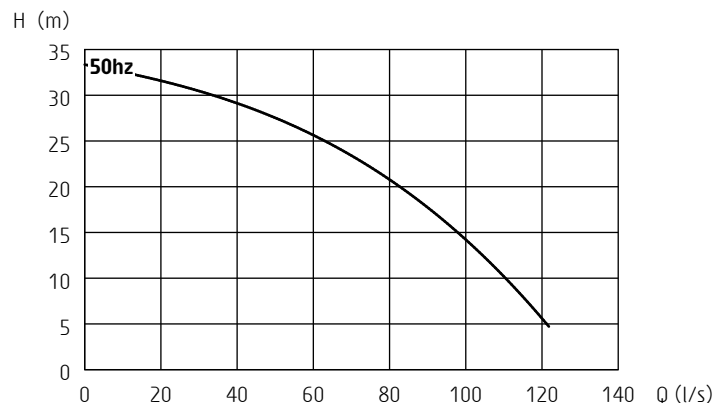
## Bravo 700

Electrical submersible slurry pump



50 Hz	Bravo 700/30	Bravo 700/37	Bravo 700/45
Discharge connection E	6"	6"	6"
Rated power $P_2$ [kW]	30	37	45
Max. power consumption $P_1$ [kW]	33	40	49
Shaft speed [rpm]	1475	1475	1475
Rated current at 400V	54 A	66 A	82 A
Rated current at 500V	43 A	54 A	63 A
Solids passage with agitator [mm]	36	36	36
Height [mm]	1652	1652	1652
Diameter [mm]	875	875	875
Weight [kg]	613	613	613

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)

400-500V DOL: 4x16mm<sup>2</sup> + 2x1.5mm<sup>2</sup>

400-500V Y/D: 7x6mm<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