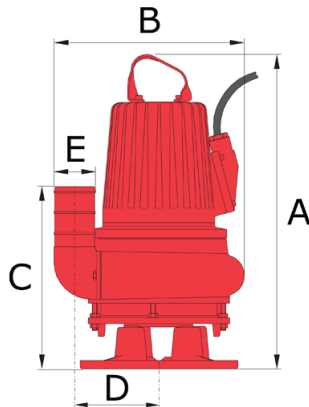




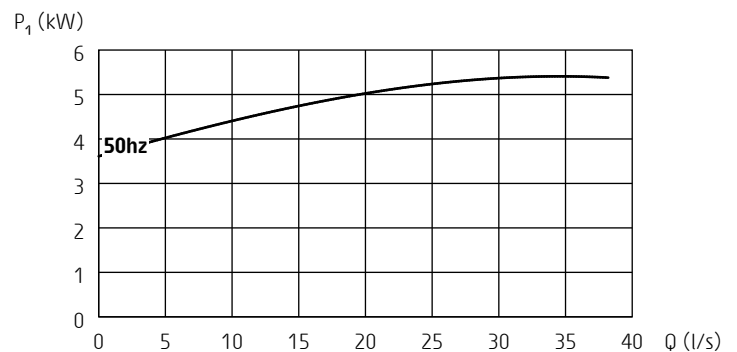
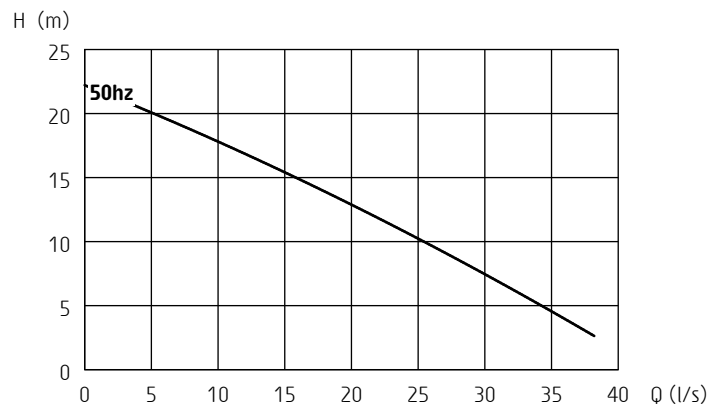
## Bravo 300 Ex

Explosion proof electrical submersible slurry pump



50 Hz	Bravo 300
Discharge connection E	4"
Rated power $P_2$ [kW]	5.9
Max. power consumption $P_1$ [kW]	7.1
Shaft speed [rpm]	1450
Rated current at 230V	21 A
Rated current at 400V	12 A
Rated current at 500V	9.5 A
Solids passage [mm]	50
Height [mm]	760
Diameter [mm]	460
Weight [kg]	157

Other voltages on request



ISO 9906/A

### Ex approvals

European Norm (EN)

ATEX directive

EN 60079-0:2012/A11:2013, EN 60079-1:2007,

EN 13463-1:2009, EN 13463-5:2011

⊕ II ZG c Ex d IIB T4 Gb

⊕ I M2 c Ex d I Mb

FM (FM Approvals)

Explosion proof for use in Class I, Div 1, Group C and D

Dust ignition proof for use in Class II, Div 1, Group E, F and G

Suitable for use in Class III, Div 1, Hazardous Locations

### General description

Submersible pump for pumping water containing abrasive particles, ground water, slurries

### Electrical motor

Squirrel cage induction motor

Insulation class: H (IEC 85), DOL or star/delta

Protection class: IP 68

### Motor protection

Thermal contacts, leakage sensor

**This pump must be used with external motor protection in accordance with technical data**

### Cable - SubCab 20 m (66 ft)

DOL: 4x2.5mm<sup>2</sup> + 2x1.5mm<sup>2</sup>

Y/D: 7x2.5mm<sup>2</sup> + 2x1.5mm<sup>2</sup>

### Shaft seals

Double mechanical seal running in an oil compartment

Material lower seal: tungsten carbide - tungsten carbide

Material upperr seal: tungsten carbide - aluminium oxide

### Materials

Drive unit: *Cast iron*

Pump housing: *Cast iron*

Impeller: *Hard-Iron™*

Discharge connection: *Cast iron*

Wear plate: *Nitrile rubber*

Lifting handle: *Galvanized steel*

Shaft: *Stainless steel*

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