

**Solid**

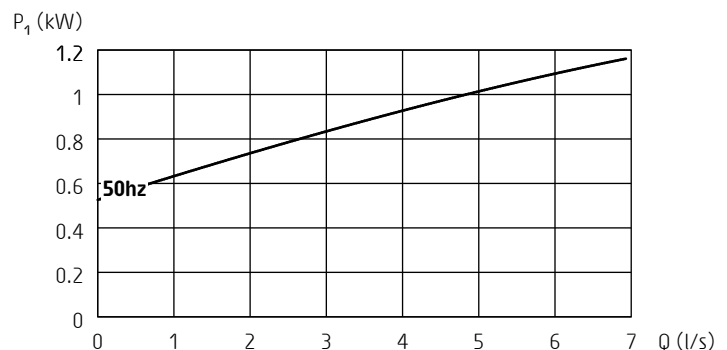
Electrical submersible sludge pump

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50 Hz	Solid
Discharge connection	2"
Rated power P <sub>2</sub> [W]	900
Max. power consumption P <sub>1</sub> [W]	1200
Shaft speed [rpm]	2800
Rated current at 115V	11 A
Rated current at 230V	5,2 A
Solids passage [mm]	38
Height [mm]	510
Width [mm]	263
Weight [kg]	17

Other voltages on request



ISO 9906/A

**Pump types**

Single phase

**Classification**

Electrical submersible drainage pump

Protection class: IP 68

**Electrical motor**

1-phase: Squirrel cage induction motor

50 Hz: separate start and run capacitor

60 Hz: combined start and run capacitor

Insulation class: F (IEC 85)

**Motor protection**

1-phase: Temperature guard with a thermal contact in stator opening temperature 135°C (275°F)

**Cable**1-phase: 3G1mm<sup>2</sup>, 10 m (33 ft) / 16AWG/3, 50 ft**Limitations**

Max. submersion depth: 10 m (33 ft)

Max. liquid temperature: 40 °C (104 °F)

Allowed pH range: 5 - 8

Maximum liquid density: 1100 kg/m<sup>3</sup> (68 lbs/ft<sup>3</sup>)**Shaft seals**

Double mechanical seals running in an oil compartment

Material lower seal: *silicon carbide - silicon carbide*Material upper seal: *carbon - aluminum oxide***Bearings**

Ball bearings with C3 clearance

**Discharge connection**

2" hose, BSP or NPSM

**Materials**Pump top: *Aluminium*Outer casing: *Aluminium*Stator housing: *Aluminium*Motor shaft: *Stainless steel*Impeller: *Polyurethane*Pump housing: *Polyurethane*Screws and nuts: *Stainless steel***Accessories**

Float switch

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Specifications can be changed without notice