

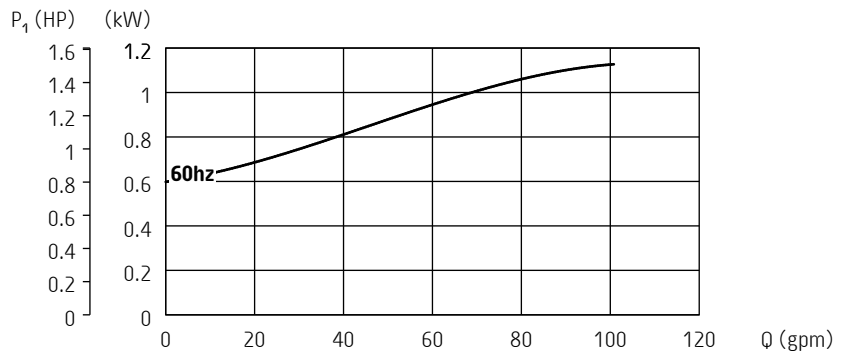
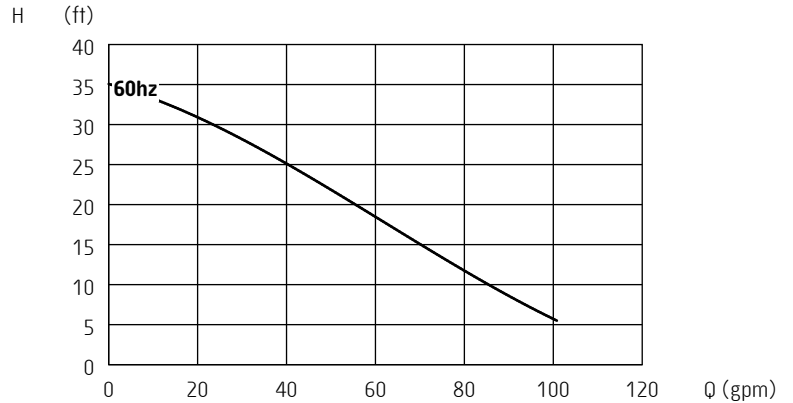


**Solid**

*Electrical submersible sludge pump*



60 Hz	Solid
Discharge connection	2"
Rated power P <sub>2</sub> [kW/HP]	0.82 / 1.1
Max. power consumption P <sub>1</sub> [kW]	1.1
Shaft speed [r.p.m.]	3400
Rated current at 115V	9.8 A
Rated current at 230V	4.8 A
Solids passage	1½"
Dimensions A / B / C	510 / 200 / 280 mm
Dimensions A / B / C	20 / 8 / 11"
Weight [kg/lbs]	17 / 37.5
<i>Other voltages on request</i>	



ISO 9906/A

**Pump types**

Single phase

**Classification**

Electrical submersible drainage pump  
Protection class: IP 68

**Electrical motor**

1-phase: Squirrel cage induction motor with start (50Hz) 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 - SubCab**

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

**Limitations**

Max. submersion depth: 10 m (16 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