



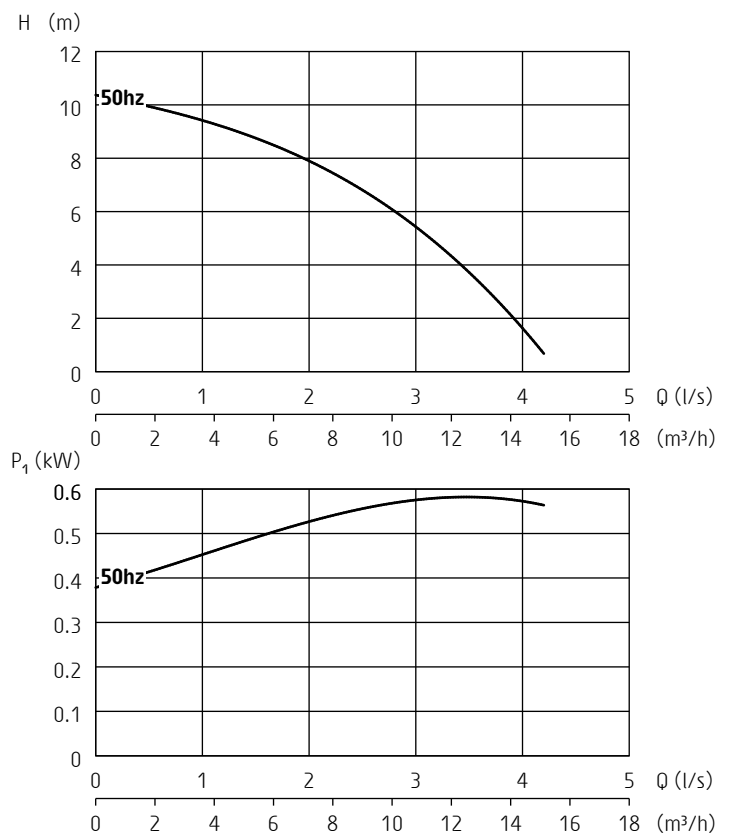
## Micro

Electrical submersible drainage pump



50 Hz	Micro
Discharge connection	2"
Rated power $P_2$ [W]	420
Max. power consumption $P_1$ [W]	590
Shaft speed [r.p.m.]	2760
Rated current at 115V	5,1 A
Rated current at 230V	2,7 A
Solids passage	11x5 mm
Height / Diameter (mm)	440 / 185 mm
Weight	12 kg

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 with 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*

Diffuser: *Polyurethane*

Screws and nuts: *Stainless steel*

### Accessories

Float switch

Low suction collar

Pump raft