

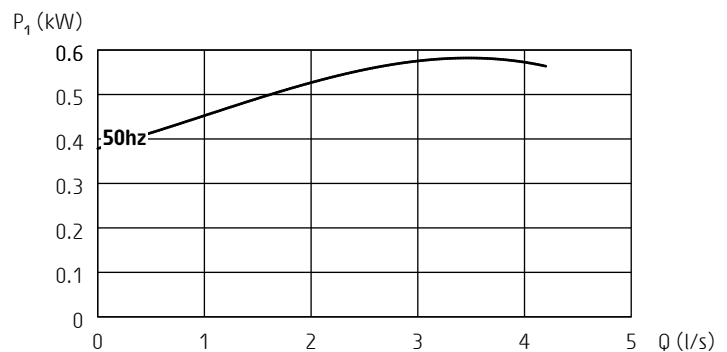
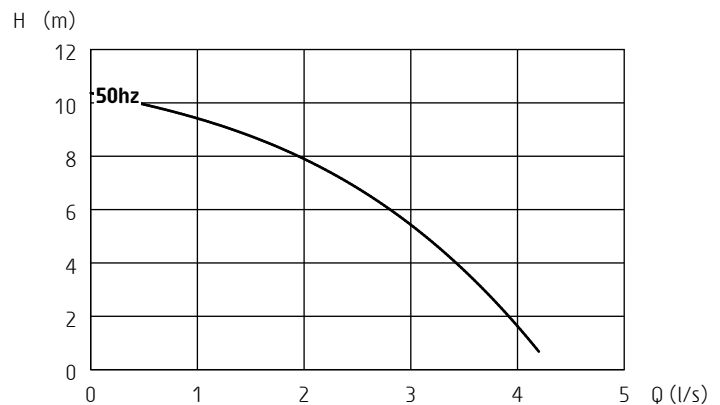


## Micro

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 [rpm]                | 2760   |
| Rated current at 115V            | 5,1 A  |
| Rated current at 230V            | 2,7 A  |
| Solids passage [mm]              | 11 x 5 |
| Height [mm]                      | 440    |
| Diameter [mm]                    | 185    |
| Weight [kg]                      | 12     |
| 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

Specifications can be changed without notice