



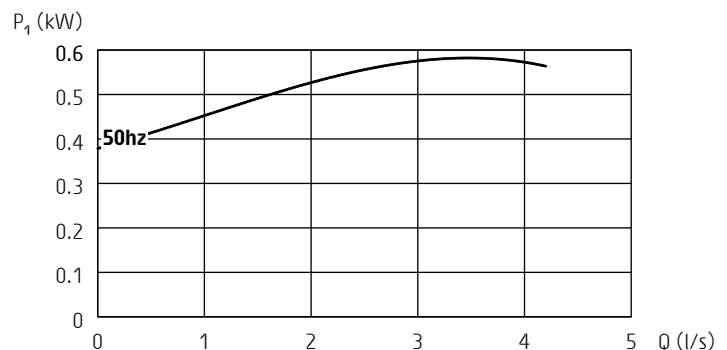
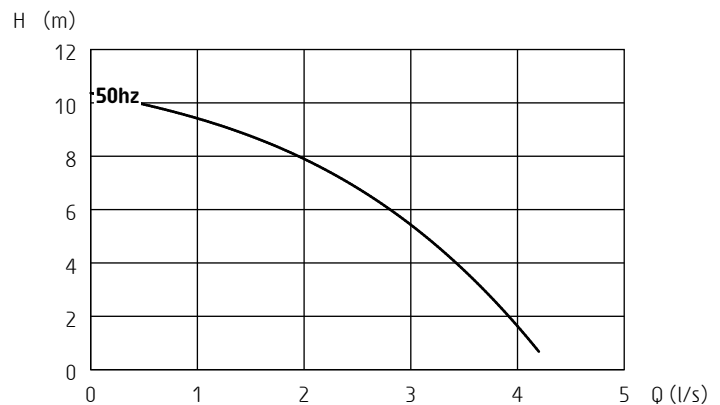
Micro

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: 3G1mm², 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/m³ (68 lbs/ft³)

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