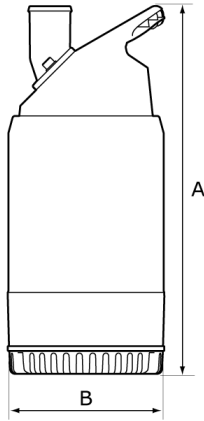


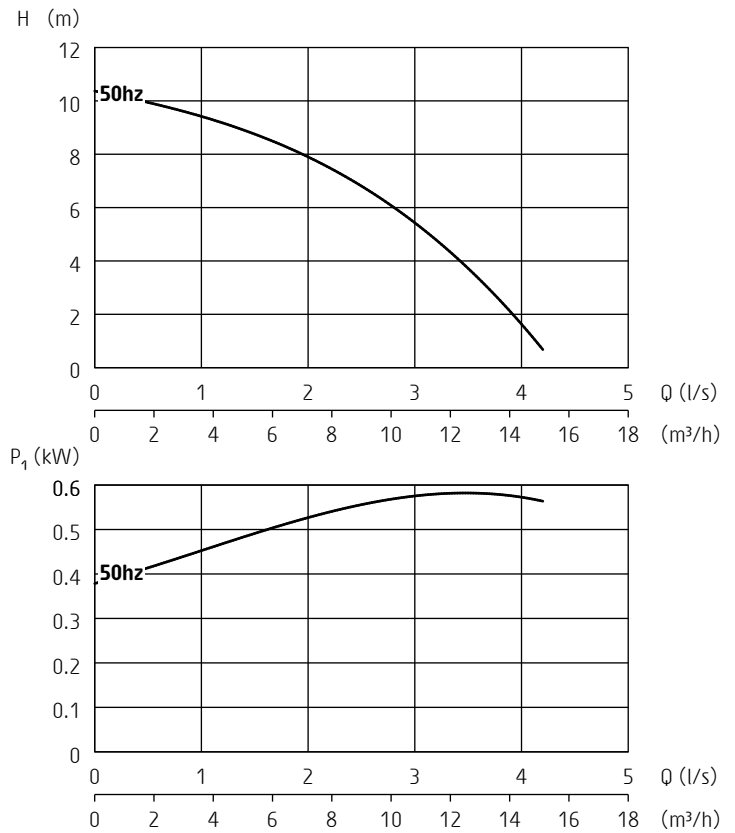
# Micro

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
Dimensions A / B	400 / 185 mm
Weight	10 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 - SubCab

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

## Limitations

Max. submersion depth: 5 m (16 ft)

Max. liquid temperature: 35 °C (95 °F)

Allowed pH range: 3 - 9

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: *Stainless steel / reinforced polymer*

Outer casing: *Stainless steel*

Stator housing: *Stainless steel*

Motor shaft: *Stainless steel*

Impeller: *Polyurethane*

Diffuser: *Polyurethane*

Screws and nuts: *Stainless steel*

## Accessories

Float switch (max 400 V)

Low suction collar

Specifications can be changed without notice