

# Milli

## Electrical submersible drainage pump 50HZ



### Pump specifications

Type	Milli
50Hz	Milli
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 (mm)	6.2
Height (mm)	464
Diameter (mm)	188
Weight (kg)	13

Other voltages on request

### Features

#### Pump types

Single phase

#### Classification

Electrical submersible drainage pump for low suction pumping. Protection Class: IP68

#### Electrical motor

1-phase: Squirrel cage induction motor with run capacitor. Insulation Class: F (IEC85)

#### 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>, 10m (33ft) / 16AWG/3, 50 ft

#### Limitations

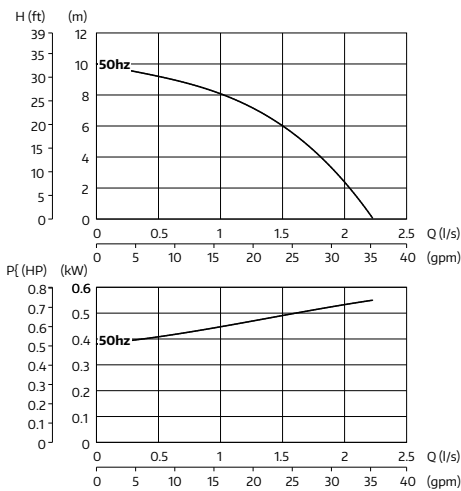
Max. submersion depth: 10m (33ft)  
Max. liquid temperature: 40°C (104°F)  
Allowed pH range: 5 - 8  
Maximum liquid density: 1100kg/m<sup>3</sup> (68lbs/ft<sup>3</sup>)

#### 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



ISO 9906/A

#### 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

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