

Mini

Submersible Dewatering Pump



Pump specifications

Type	Mini
50Hz	Mini
Discharge connection	2"
Rated Power P ₁ (W)	900
Max. power consumption P ₂ (W)	1200
Shaft speed (r.p.m.)	2800
Rated current at 115V	11 A
Rated current at 230V	5.2 A
Solids passage (mm)	11 x 5
Height (mm)	440
Diameter (mm)	185
Weight (kg)	14.5

Other voltages on request

Features

Pump types

Single phase

Classification

Electrical submersible drainage pump. Protection Class: IP68

Electrical motor

1-phase: Squirrel cage induction motor
50 Hz: separate start and run capacitor
60 Hz: combined start and 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, 10m (33ft) / 16AWG/3, 50ft

Limitations

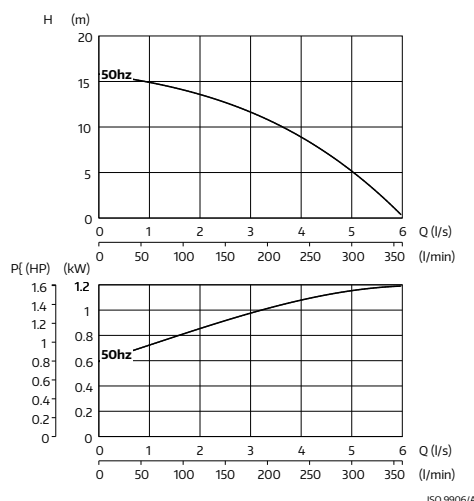
Max. submersion depth: 10m (33ft)
Max. liquid temperature: 40°C (104°F)
Allowed pH range: 5 - 8
Maximum liquid density: 1100kg/m³ (68lbs/ft³)

Shaft Seals

Double mechanical shaft 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