

Maxi SH

Electrical submersible drainage pump 50HZ



Pump specifications

Type	Maxi SH
50Hz	SH
Discharge connection	4"
Rated Power P ₂ (kW)	37
Max. power consumption P ₁ (kW)	41
Shaft speed (r.p.m.)	2945
Rated current at 230V	112 A
Rated current at 400V	65 A
Rated current at 500V	51 A
Rated current at 1000V	26 A
Solids passage (mm)	12
Height (mm)	1148
Width (mm)	440
Weight (kg)	270

Other voltages on request

Features

Pump types

SH: Super high pressure

Classification

Electrical submersible pump. Protection class: IP68

Electrical motor

Squirrel cage induction motor. Insulation Class: H (IEC85)

Motor protector

Temperature guard with thermal contacts in the stator and air valve. **This pump must be used with external motor protection in accordance with technical data**

Cable – SubCab

230V DOL: 1x 4G35mm²+S(2x0.5)mm², 20m

230V Y/D: 2x 4G25mm²+S(2x0.5)mm², 20m

400-500V DOL: 1x 4G16mm²+S(2x0.5)mm², 20m

400-500V Y/D: 2x 4G10mm²+S(2x0.5)mm², 20m

Limitations

Max. submersion depth: 20m

Max. liquid temperature: 40°C

Allowed pH range: 5 - 8

Maximum liquid density: 1100kg/m³

Shaft Seals

Double mechanical seal running in an oil compartment

Material lower seal: tungsten carbide - tungsten carbide

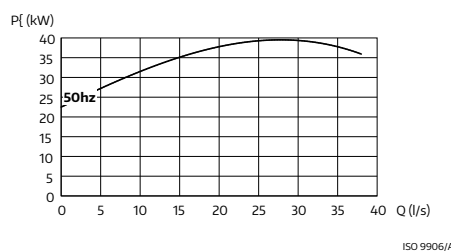
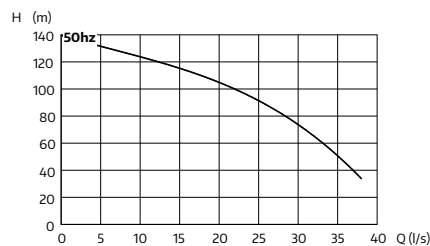
Material upper seal: tungsten carbide - tungsten carbide

Bearings

Lower: Double angular contact ball bearing with CB clearance

Upper: ball bearing with C3 clearance

PD507011-INT



ISO 9906/A

Discharge connection

Hose: 4"

NPT & ISO-G Male: 4"

Materials

Casted parts: Aluminium

Outer casing: Stainless steel

Motor shaft: Stainless steel

Impeller: Hard-Iron™

Diffusers: Polyurethane

Screws and nuts: Stainless steel

Accessories

Zinc anodes - Starter box, DOL or Y/D

Tandem connection - Pump raft - Non return valve

Specifications can be changed without notice.