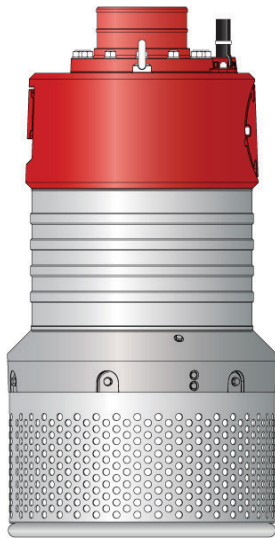


Magnum

Submersible Dewatering Pump



Pump specifications

Type	Magnum		
50Hz	N	H	L
Discharge connection	8"	6"	10"
Rated Power P _r (kW)	57	57	57
Max. power consumption P _f (kW)	62	64	62
Shaft speed (r.p.m.)	1475	2950	1475
Rated current at 400V	107 A	98 A	107 A
Rated current at 500V	85 A	79 A	85 A
Solids passage (mm)	12	12	12
Height (mm)	1475	1475	1475
Diameter (mm)	750	750	750
Weight (kg)	540	540	540

Other voltages on request

Features

Pump types

N: normal pressure, H: high pressure, L: high flow

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 – length 20m (66ft)

400+575V DOL: 4G25mm²+2x1.5mm²

500V DOL: 4G16mm²+2x1.5mm²

400-460V Y/D: 4G16mm²+2x1.5mm²

500-575V Y/D: 4G10mm²+2x1.5mm²

460V DOL: 4G35mm²+2x1.5mm²

Limitations

Max. submersion depth: 20m (66ft)

Max. liquid temperature: 40°C (104°F)

Allowed pH range: 5 - 8

Maximum liquid density: 1100kg/m³ (68lbs/ft³)

Shaft Seals

Double mechanical seal running in an oil compartment

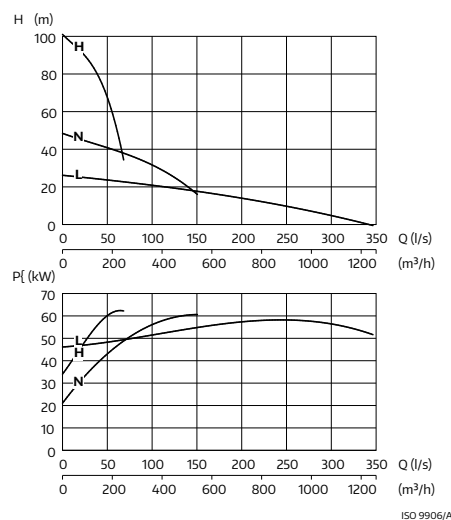
Material lower seal: tungsten carbide - tungsten carbide

Material upper seal: tungsten carbide - tungsten carbide

Bearings

Lower: Double angular contact ball bearing with C3 clearance

Upper: Ball bearing with C3 clearance



Discharge connection

6-10" hose, ISD-G, NPT or ANSI flange

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 star/delta

Tandem connection

Pump raft