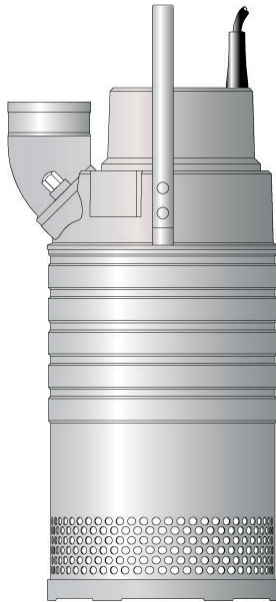


Major Inox

Electrical submersible drainage pump 50Hz



Pump specifications

Type	Major Inox	
50Hz	N	H
Discharge connection	4"	3"
Rated Power P _r (kW)	6.3	6.3
Max. power consumption P _{max} (kW)	7.3	7.3
Shaft speed (r.p.m.)	2840	2840
Rated current at 400V	12 A	12 A
Rated current at 500V	9.4 A	9.4 A
Solids passage (mm)	8.5	8.5
Height (mm)	665	665
Diameter (mm)	280	280
Weight (kg)	65	65

Other voltages on request

Features

General description

Submersible drainage pump made of stainless steel for mines, processing industries and salt-water applications.

Classification

Electrical submersible pump
Protection class: IP68

Electrical motor

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

Motor protection

Phase sequence control, phase failure guard, temperature guard with thermal contacts in the stator (= SMART system).
Air valve

Cable – SubCab 20 m (66 ft)

50 Hz 230 - 500V: 4G2.5mm²
60 Hz 230 - 575V: AWG12/4

Limitations

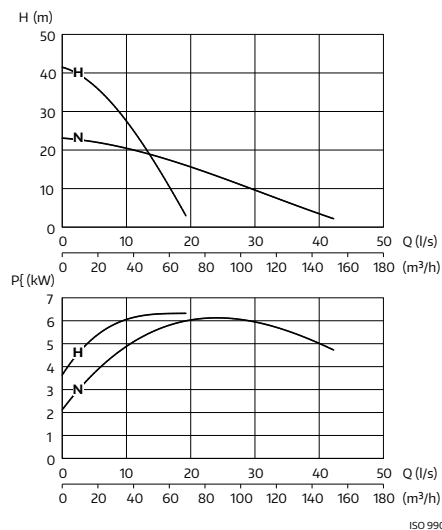
Max. submersion depth: 20m (66ft)
Max. liquid temperature: 40°C (104°F)
Allowed pH range: 2 - 10
Maximum liquid density: 1100kg/m³ (68lbs/ft³)

Shaft Seals

Double mechanical shaft seals running in an oil compartment
Material lower seal: silicon carbide - silicon carbide
Material upper seal: carbon - silicon carbide

Bearings

Ball bearings with C3 clearance



Discharge connection

3-4" hose, ISO-G BSP or NPT

Materials

Casted parts: Stainless steel (EN 10283-1.4412-ASTM CF-8M)
Outer casing: Stainless steel (EN 10088-3-1.4436-AISI 316L)
Motor shaft: Stainless steel (EN 10088-3-1.4460-AISI 329)
Impeller: Stainless steel (EN 10283-1.4412-ASTM CF-8M)
Diffusers: Nitrile rubber
Screws and nuts: Stainless steel (A4)
O-rings: Viton rubber

Accessories

Zinc anodes