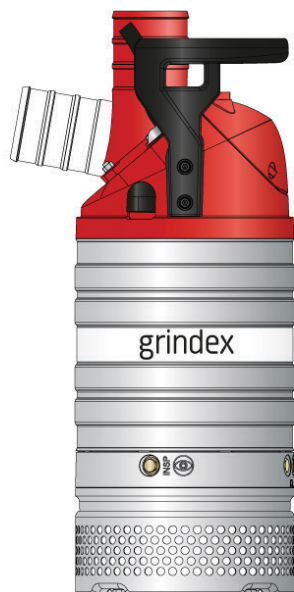


Major

Submersible Dewatering Pump



Pump specifications

Type	Major	
50Hz	N	H
Discharge connection	4"	3"
Rated Power P _r (kW)	5.6	5.6
Max. power consumption P _f (kW)	6.6	6.6
Shaft speed (r.p.m.)	2895	2895
Rated current at 230V	19 A	19 A
Rated current at 400V	11 A	11 A
Rated current at 500V	8.7 A	8.7 A
Rated current at 1000V	4.3 A	4.3 A
Solids passage (mm)	10	10
Height (mm)	768	768
Diameter (mm)	286	286
Weight (kg)	50	50

Other voltages on request

Features

Pump types

N: normal pressure, H: high pressure

Classification

Electrical submersible drainage pump. Protection Class: IP68

Electrical motor

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

Motor protection

Phase sequence control, phase failure guard, temperature guard with thermal contacts in the stator opening temperature 140°C (284°F) (= SMART system), air valve

Cable – SubCab

4G2.5mm², length 20m or 14AWG/4, length 53 ft

Limitations

Max. submersion depth: 20m (66 ft)

Max. liquid temperature: 40°C (104°F)

Allowed pH range: 5 - 8

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

Shaft Seals

Cartridge seal: pre-assembled double mechanical seal running in an oil compartment

Material lower seal: silicon carbide - silicon carbide

Material upper seal: tungsten carbide - aluminium oxide

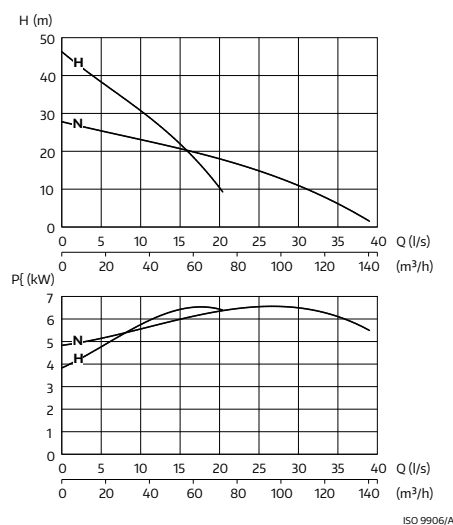
Bearings

Ball bearings with C3 clearance

Discharge connection

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

PD504181-INT



Materials

Casted parts: Aluminium

Outer casing: Stainless steel

Motor shaft: Stainless steel

Impeller and suction cover: Hard-Iron™

Diffusers: Nitrile rubber

Screws and nuts: Stainless steel

O-rings: Nitrile rubber

Accessories

Level regulator; Zinc anodes; Low suction collar;

Tandem connection; Pump raft

Specifications can be changed without notice.