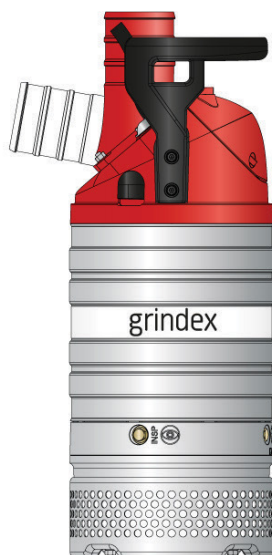


Minor

Submersible Dewatering Pump



Pump specifications

Type	Minor	
50Hz	N	H
Discharge connection	4"	3"
Rated Power P _r (kW)	3.7	3.7
Max. power consumption P _i (kW)	4.4	4.4
Shaft speed (r.p.m.)	2885	2885
Rated speed at 230V	13 A	13 A
Rated current at 400V	7.3 A	7.3 A
Rated current at 500V	5.4 A	5.4 A
Rated current at 1000V	2.9 A	2.9 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 53ft

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)

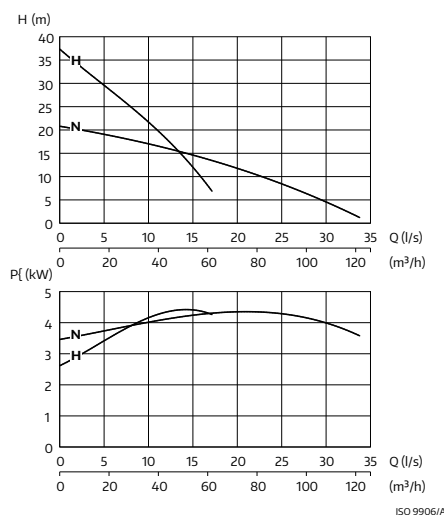
Shaft Seals

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

PD503181-INT



Discharge connection

3-4" hose, ISD-G or NPT

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; Tandem connection;
Low suction collar; Pump raft

Specifications can be changed without notice.