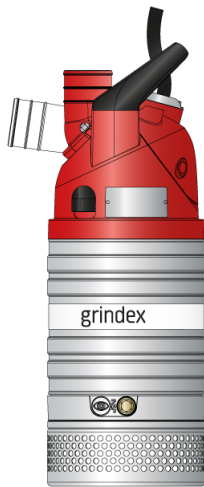


**Minette**

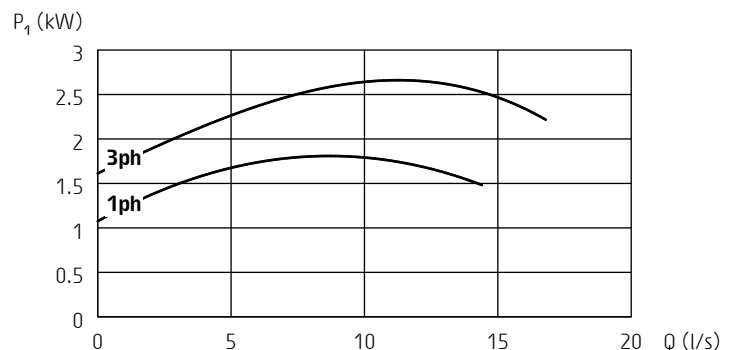
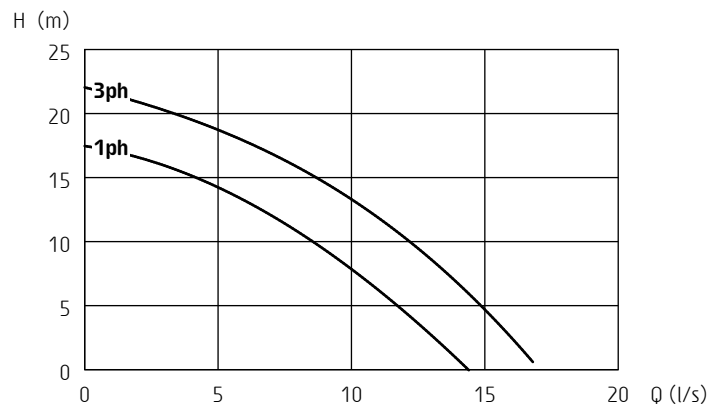
Electrical submersible drainage pump

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50 Hz	1-ph	3-ph
Discharge connection	3"	3"
Rated power $P_2$ [kW]	1,5	2,2
Max. power consumption $P_1$ [kW]	1,9	2,7
Shaft speed [r.p.m.]	2830	2800
Rated current at 230V	8,4 A	8,1 A
Rated current at 400V	-	4,5 A
Rated current at 500V	-	3,6 A
Solids passage [mm]	9	9
Height [mm]	676	676
Diameter [mm]	240	240
Weight [kg]	29	29

Other voltages on request



ISO 9906/A

**Classification**

Electrical submersible drainage pump  
 Protection class: IP 68

**Electrical motor**

1-phase: Squirrel cage induction motor with start and run capacitor  
 3-phase: Squirrel cage induction motor  
 Insulation class: F (IEC 85)

**Motor protection**

1-phase: Temperature guard with a thermal contact in stator opening temperature 125°C (257°F), air valve  
 3-phase: Phase sequence control, phase failure guard, temperature guard with thermal contacts in the stator opening temperature 125°C (257°F) (= SMART system), air valve

**Cable - SubCab**

1-phase: 3G1,5mm<sup>2</sup>, 20 m (66 ft) / 14AWG/3, 53 ft  
 3-phase: 4G1,5mm<sup>2</sup>, 20 m (66 ft) / 14AWG/4, 53 ft

**Limitations**

Max. submersion depth: 20 m (66 ft)  
 Max. liquid temperature: 40 °C (104 °F)  
 Allowed pH range: 5 - 8  
 Maximum liquid density: 1100 kg/m<sup>3</sup> (68 lbs/ft<sup>3</sup>)

**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" hose, ISO-G or NPT

**Materials**

Casted parts: *Aluminium*  
 Outer casing: *Stainless steel*  
 Motor shaft: *Stainless steel*  
 Impeller: *Hard-Iron™*  
 Suction cover: *Hard-Iron™*  
 Diffusers: *Nitrile rubber*  
 Screws and nuts: *Stainless steel*  
 O-rings: *Nitrile rubber*

**Accessories**

Float switch  
 Zinc anodes  
 Low suction collar  
 Pump raft

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Specifications can be changed without notice