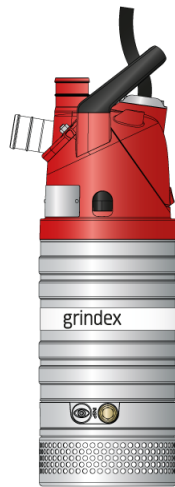


**Minex Lite**

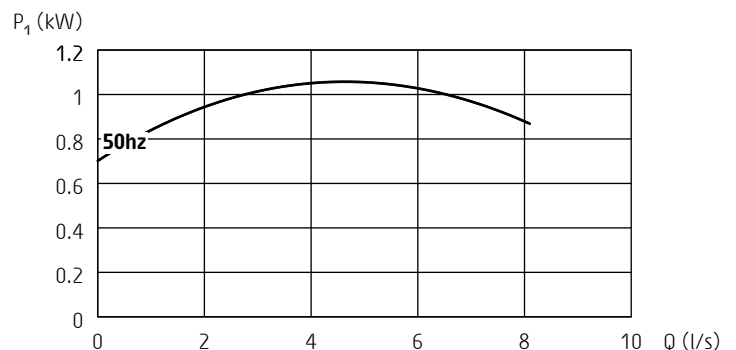
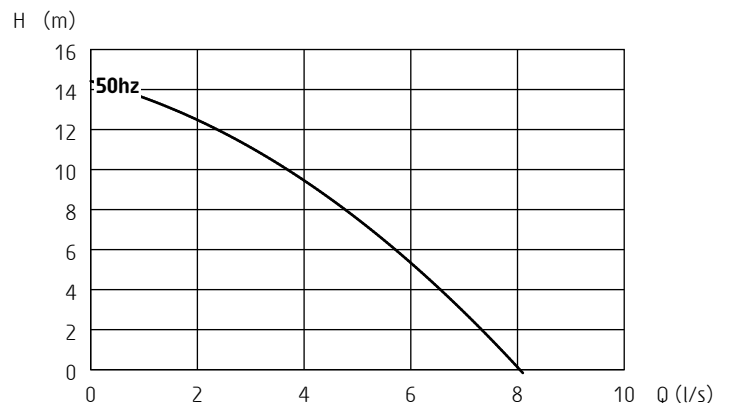
Electrical submersible drainage pump

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50 Hz	Lite 1-ph
Discharge connection	2"
Rated power $P_2$ [kW]	0.85
Max. power consumption $P_1$ [kW]	1,1
Shaft speed [r.p.m.]	2755
Rated current at 110V	11 A
Rated current at 230V	5.1 A
Rated current at 400V	-
Solids passage [mm]	7.5
Height [mm]	616
Diameter [mm]	200
Weight [kg]	21.5

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  
 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

**Cable - SubCab**

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

**Bearings**

Ball bearings with C3 clearance

**Discharge connection**

2" hose, ISO-G or NPT

**Materials**

Casted parts: *Aluminium*

Outer casing: *Stainless steel*

Motor shaft: *Stainless steel*

Impeller: *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