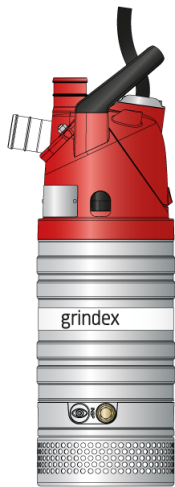




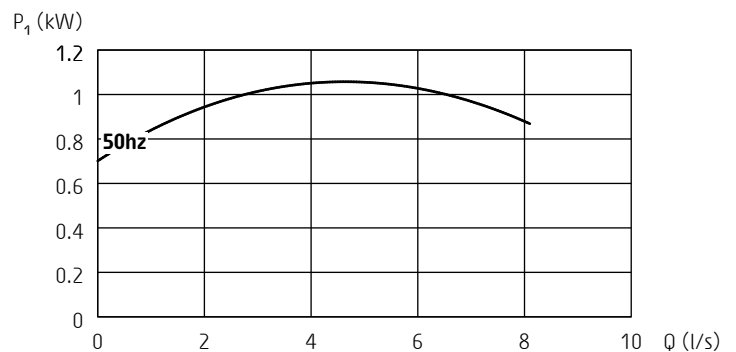
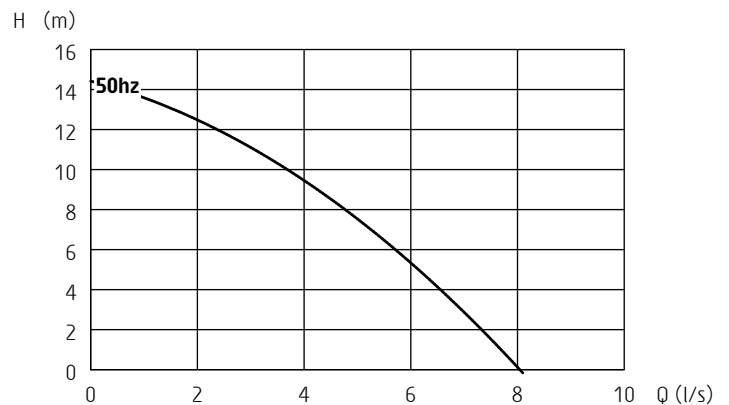
Minex Lite

Electrical submersible drainage pump



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: 3G1,5mm², 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/m³ (68 lbs/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 - 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

Specifications can be changed without notice