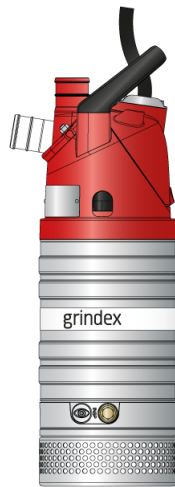




## Minex 115V

Electrical submersible drainage pump



50 Hz

Rated power  $P_2$  [kW]Max. power consumption  $P_1$  [kW]

Shaft speed [r.p.m.]

Rated current at 115V

Rated current at 230V

Rated current at 400V

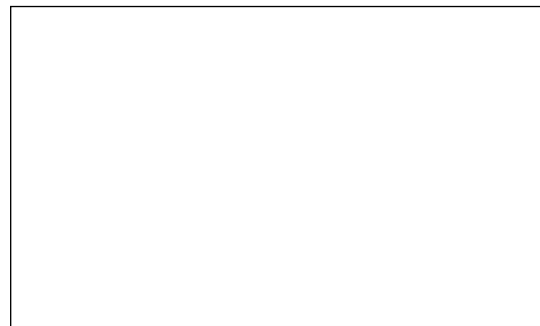
Solids passage

Height / Diameter (mm)

Other voltages on request

H(m)

0



0 Q (l/s)

 $P_1$  (kW)

0



0 Q (l/s)

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

### Cable - SubCab

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

### Limitations

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

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