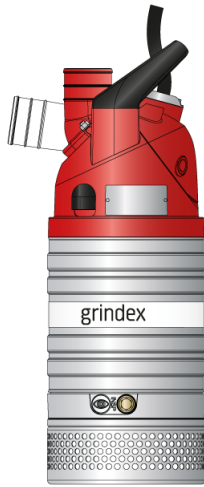




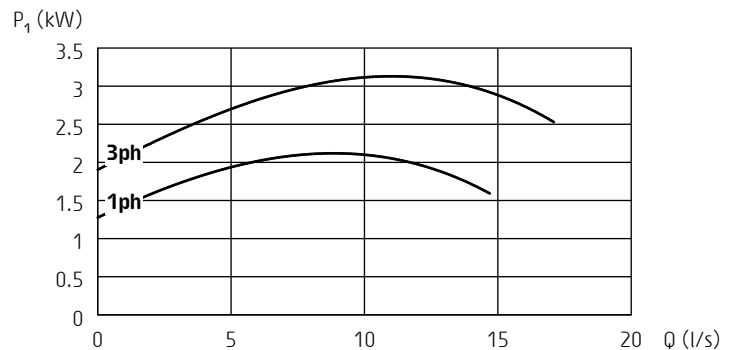
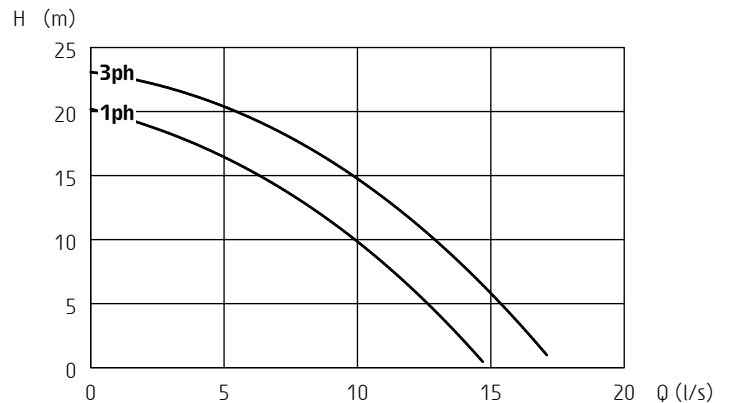
# Minette

Electrical submersible drainage pump



60 Hz	1-ph	3-ph
Discharge connection	3"	3"
Rated power $P_2$ [kW/HP]	1.8 / 2.4	2.6 / 3.5
Max. power consumption $P_1$ [kW]	2.2	3.1
Shaft speed [r.p.m.]	3405	3410
Rated current at 230V	9.9 A	9.5 A
Rated current at 460V	-	4.7 A
Rated current at 575V	-	3.5 A
Solids passage [mm/inch]	9 / 0.35	9 / 0.35
Height [mm/inch]	676 / 26½	676 / 26½
Diameter [mm/inch]	240 / 9½	240 / 9½
Weight [kg/lbs]	29 / 64	29 / 64

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

Specifications can be changed without notice