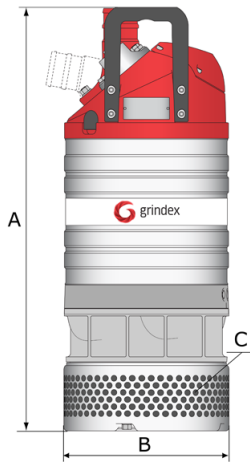




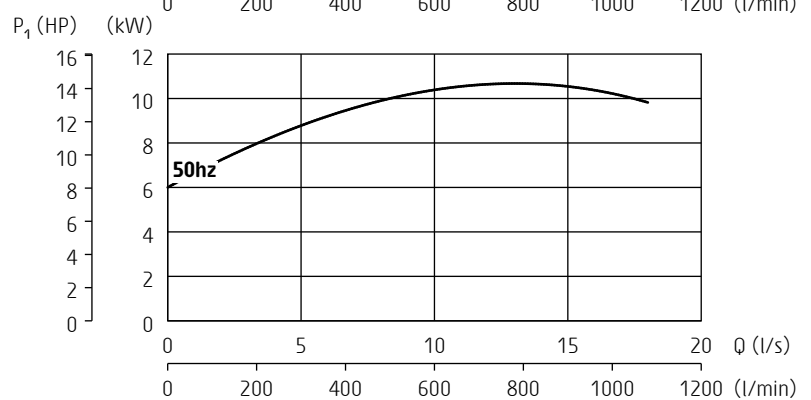
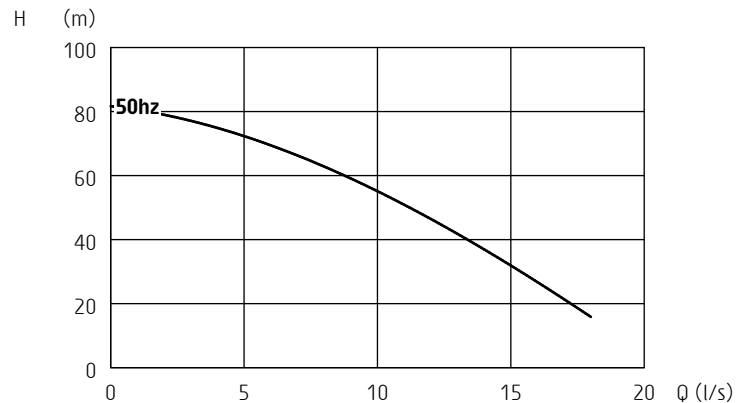
Master SH

Electrical submersible drainage pump



50 Hz	SH
Discharge connection	3"
Rated power P_2 [kW]	10
Max. power consumption P_1 [kW]	11,7
Shaft speed [r.p.m.]	2860
Rated current at 400V	19 A
Rated current at 500V	15 A
Solids passage C	10 mm
Dimensions A / B	887 / 346 mm
Weight	98 kg

Other voltages on request



ISO 9906/A

Classification

Electrical submersible drainage pump
Protection class: IP 68

Electrical motor

Squirrel cage induction motor, insulation class: H (IEC 85)

Motor protection

Phase sequence control, phase failure guard, temperature guard with thermal contacts in the stator opening temperature 140°C (284°F) (= SMART system), air valve.

- DOL, star/delta
- Softstarter (only 400V-50Hz)

Cable - SubCab

230V: 4G4mm², 20 m (66 ft) / 8AWG/4, 53 ft
380-575V: 4G4mm², 20 m (66 ft) / 12AWG/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/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 - aluminium oxide*

Bearings

Ball bearing with C3 clearance

Discharge connection

3" hose, ISO-G or NPT

Materials

Casted parts: *Aluminium*

Outer casing: *Stainless steel*

Motor shaft: *Stainless steel*

Impeller and suction cover: *Hard-Iron™*

Diffusers: *Nitrile rubber*

Screws and nuts: *Stainless steel*

O-rings: *Nitrile rubber*

Accessories

External level regulator

Zinc anodes

Tandem connection

Pump raft