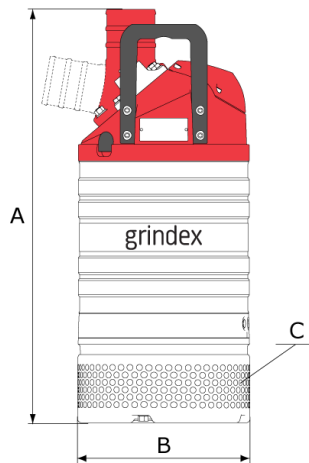




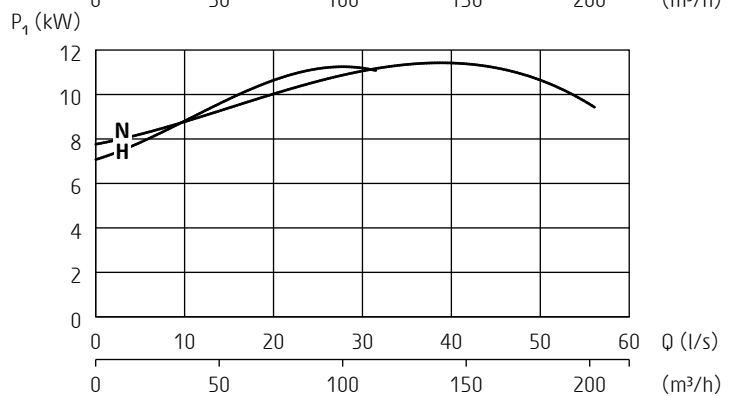
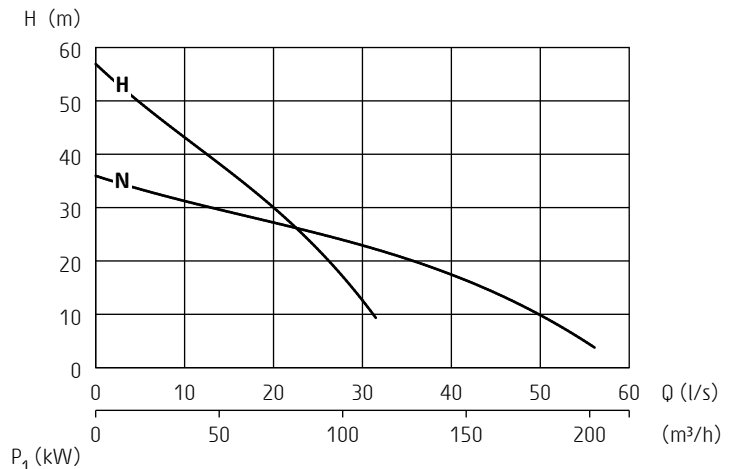
## Master

Electrical submersible drainage pump



50 Hz	N	H
Discharge connection	6"	4"
Rated power $P_2$ [kW]	10	10
Max. power consumption $P_1$ [kW]	11,7	11,7
Shaft speed [r.p.m.]	2860	2860
Rated current at 230V	33 A	33 A
Rated current at 400V	19 A	19 A
Rated current at 500V	15 A	15 A
Solids passage C	12 mm	12 mm
Dimensions A / B	832 / 346 mm	832 / 346 mm
Weight	80 kg	80 kg

Other voltages on request



ISO 9906/A

### Pump types

N: normal pressure

H: high pressure

### 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 or soft start

### Cable - SubCab

230V: 4G4mm², 20 m (66 ft) or 8AWG/4, 53 ft

380-575V: 4G4mm², 20 m (66 ft) or 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: *tungsten carbide - tungsten carbide*

Material upper seal: *tungsten carbide - aluminium oxide*

### Bearings

Ball bearings with C3 clearance

### Discharge connection

4-6" 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

Specifications can be changed without notice