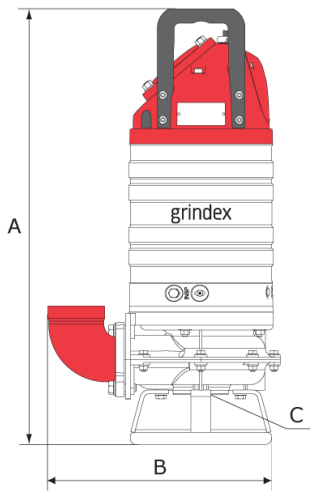


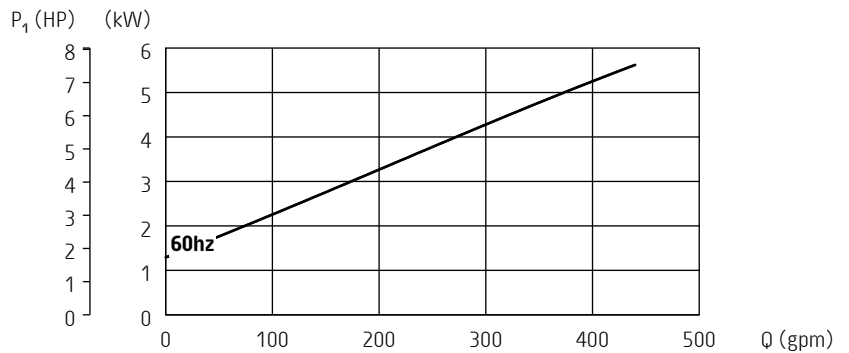
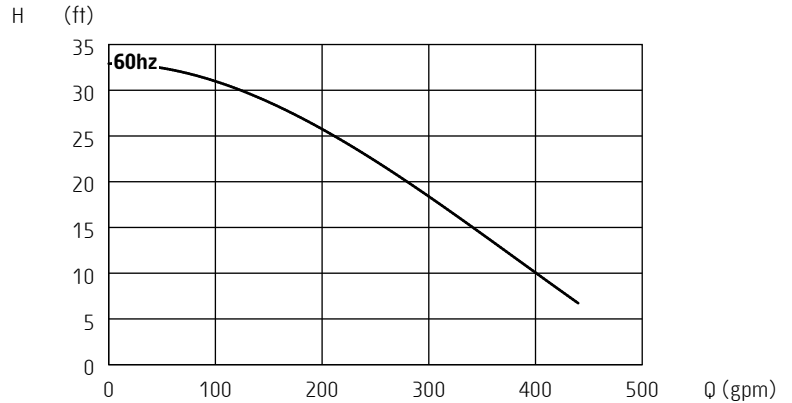


Senior

Electrical submersible sludge pump



60 Hz	Senior
Discharge connection	4"
Rated power P ₂ [kW/HP]	4.5 / 6.0
Max. power consumption P ₁ [kW]	5.7
Shaft speed [r.p.m.]	1700
Rated current at 230V	17 A
Rated current at 460V	8.6 A
Rated current at 575V	6.9 A
Solids passage C	80 mm / 3.15"
Dimensions A / B	786 / 480 mm
Dimensions A / B	34½ / 19"
Weight [kg/lbs]	57 / 127
Other voltages on request	



ISO 9906/A

Pump types

N: normal 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

Cable - SubCab

4G2,5mm², length 20 m or 14AWG/4, length 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 - tungsten carbide

Bearings

Ball bearings with C3 clearance

Discharge connection

4" hose, ISO-G or NPT

Materials

Casted parts: Aluminium
Outer casing: Stainless steel
Motor shaft: Stainless steel
Impeller: Hard-Iron™
Pump housing: Aluminium/Polyurethane
Screws and nuts: Stainless steel
O-rings: Nitrile rubber

Accessories

Zinc anodes