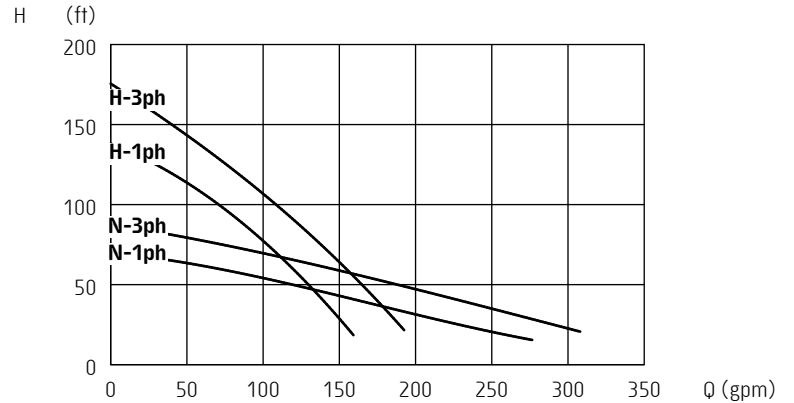
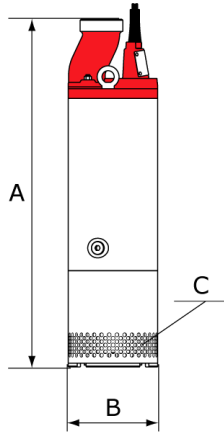




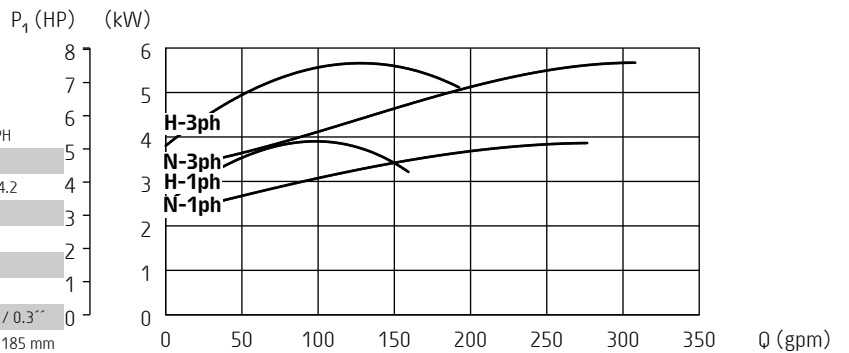
Tubo 8

Electrical submersible drainage pump



60 Hz	N - 1PH	H - 1PH	N - 3PH	H - 3PH
Discharge connection	3"	2"	3"	2"
Rated power P ₂ [kW/HP]	3.1 / 4.2	3.1 / 4.2	3.1 / 4.2	3.1 / 4.2
Max. power consumption P ₁ [kW]	3.5	3.5	4.5	4.5
Shaft speed [r.p.m.]	3400	3400	3400	3400
Rated current at 230V	18 A	18 A	16 A	16 A
Rated current at 460V			8 A	8 A
Solids passage C	8 mm / 0.3"	8 mm / 0.3"	8 mm / 0.3"	8 mm / 0.3"
Dimensions A / B	715 / 185 mm	660 / 185 mm	715 / 185 mm	660 / 185 mm
Dimensions A / B	28 / 7 1/4"	26 / 7 1/4"	28 / 7 1/4"	26 / 7 1/4"
Weight [kg/lbs]	28 / 62	31 / 69	28 / 62	31 / 69

Other voltages on request



ISO 9906/A

Pump types

N: normal pressure
H: high pressure, two stage

Classification

Electrical submersible pump
Protection class: IP68

Electrical motor

1-ph (only 60Hz): Squirrel cage induction motor with start and run capacitor
3-ph: Squirrel cage induction motor
Insulation class F (IEC 85)

This pump must be used with external motor protection in accordance with technical data

Cable - SubCab

4G2.5mm²+2x1.5mm², length 20m

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

Double mechanical seal running in an oil compartment
Material lower seal: *silicon carbide - silicon carbide*
Material upper seal: *carbon - silicon carbide*

Bearings

Lower: Double angular contact ball bearing with C3 clearance
Upper: ball bearing with C3 clearance

Discharge connection

2-3" ISO-G or NPT

Materials

Casted parts: *Aluminium*
Outer casing: *Aluminium*
Motor shaft: *Stainless steel*
Impeller: *Hard-Iron™*
Diffusers: *Nitrile rubber*
Screws and nuts: *Stainless steel*

Accessories

Zinc anodes