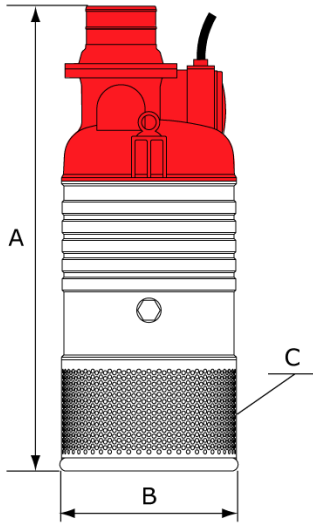


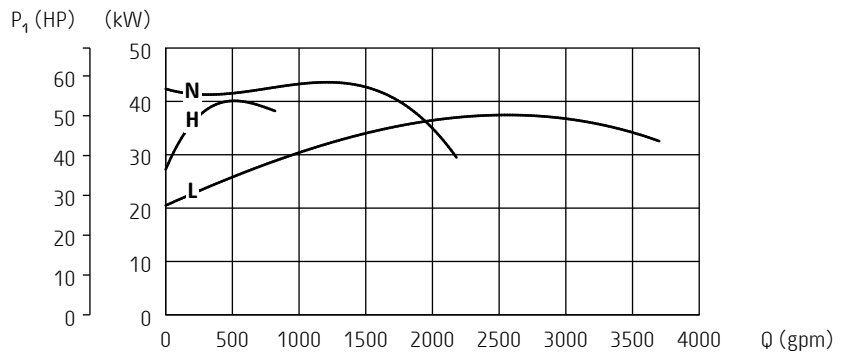
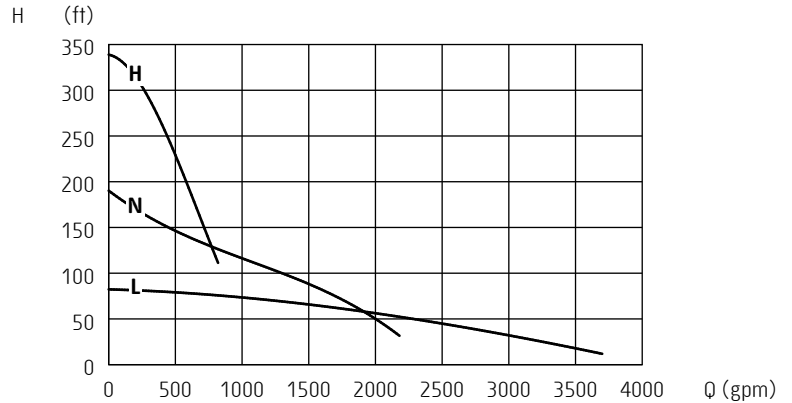
Maxi

Electrical submersible drainage pump



60 Hz	N	H	L
Discharge connection	8"	4"	8"
Rated power P ₂ [kW/HP]	43 / 58	43 / 58	37 / 50
Max. power consumption P ₁ [kW]	48	48	42
Shaft speed [r.p.m.]	3545	3545	1765
Rated current at 230V	136 A	136 A	120
Rated current at 460V	65 A	65 A	64
Rated current at 575V	52 A	52 A	48
Solids passage C	12mm / 0.47"	12mm / 0.47"	12mm / 0.47"
Dimensions A / B	1345 / 510 mm	1345 / 510 mm	1345 / 510 mm
Dimensions A / B	50 / 20"	50 / 20"	50 / 20"
Weight [kg/lbs]	285 / 633	285 / 633	285 / 633

Other voltages on request



ISO 9906/A

Pump types

N: normal pressure
H: high pressure

Classification

Electrical submersible pump, protection class: IP68

Electrical motor

Squirrel cage induction motor, insulation class F (IEC 85)

Motor protector

Temperature guard with thermal contacts in the stator and air valve

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

Cable - SubCab

230V DOL: 4G35mm²+2x1,5mm², length 20m
230V Y/D: 4G25mm²+2x1,5mm², length 20m
400-500V DOL: 4G16mm²+2x1,5mm², length 20m
400-500V Y/D: 4G10mm²+2x1,5mm², length 20m

Limitations

Max. submersion depth: 20 m
Max. liquid temperature: 40 °C
Allowed pH range: 5 - 8
Maximum liquid density: 1100 kg/m³

Shaft seals

Double mechanical seal running in an oil compartment
Material lower seal: tungsten carbide - tungsten carbide
Material upper seal: tungsten carbide - tungsten carbide

Bearings

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

Discharge connection

4-8" hose, ISO-G or NPT

Materials

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

Accessories

Zinc anodes
Starter box, DOL or Y/D
Tandem connection
Non return valve