



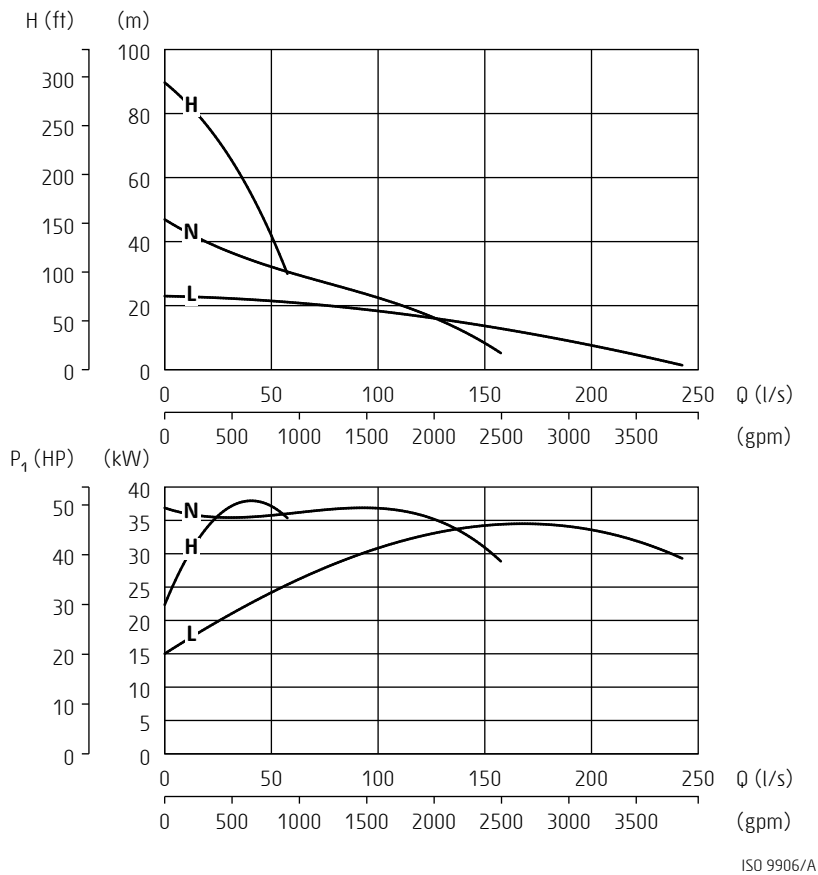
Maxi

Electrical submersible drainage pump



50 Hz	N	H	L
Discharge connection	8"	4"	8"
Rated power P_2 [kW]	37	37	30
Max. power consumption P_1 [kW]	41	41	33
Shaft speed [r.p.m.]	2950	2950	1465
Rated current at 230V	112 A	112 A	98 A
Rated current at 400V	65	65	57
Rated current at 500V	52	52	45
Solids passage [mm]	12	12	12
Height [mm]	1345	1345	1345
Diameter [mm]	510	510	510
Weight [kg]	285	285	285

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 H (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 - Pump raft
Non return valve