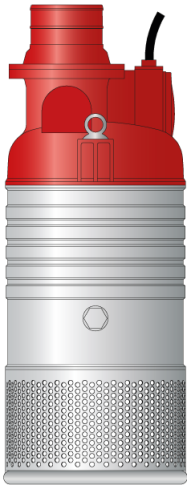




## Maxi

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 A	65 A	57 A
Rated current at 500V	52 A	52 A	45 A
Rated current at 1000V	26 A	26 A	
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

### 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: 4G35mm<sup>2</sup>+S(2x0,5)mm<sup>2</sup>, length 20m

230V Y/D: 4G25mm<sup>2</sup>+S(2x0,5)mm<sup>2</sup>, length 20m

400-500V DOL: 4G16mm<sup>2</sup>+S(2x0,5)mm<sup>2</sup>, length 20m

400-500V Y/D: 4G10mm<sup>2</sup>+S(2x0,5)mm<sup>2</sup>, length 20m

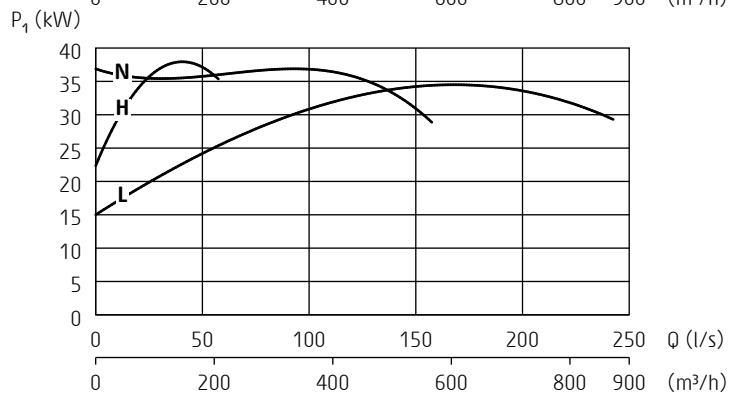
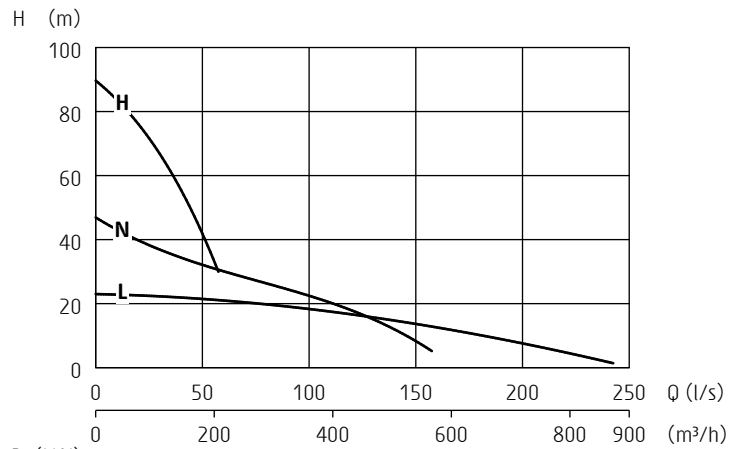
### Limitations

Max. submersion depth: 20 m

Max. liquid temperature: 40 °C

Allowed pH range: 5 - 8

Maximum liquid density: 1100 kg/m<sup>3</sup>



ISO 9906/A

### 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

Specifications can be changed without notice