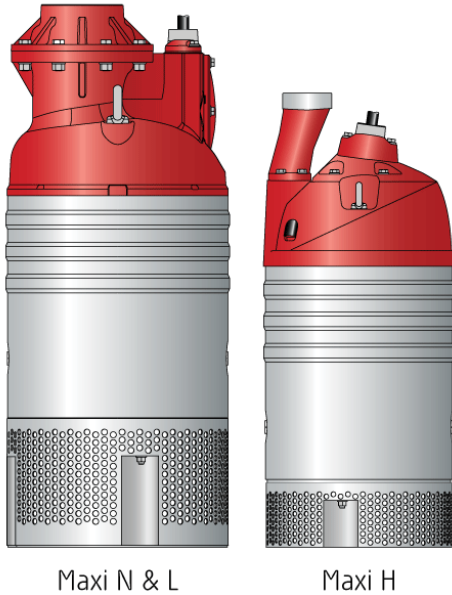


# Maxi

## Electrical submersible drainage pump 50HZ



### Pump specifications

Type	Maxi		
	N	H	L
50Hz	N	H	L
Discharge connection	8"	4"	8"
Rated Power P <sub>2</sub> (kW)	37	37	30
Max. power consumption P <sub>1</sub> (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)	15	12	15
Height (mm)	1302	1046	1302
Diameter (mm)	506	436	506
Weight (kg)	280	240	285

Other voltages on request

### Features

#### Pump types

N: normal pressure, H: high pressure, L: low pressure

#### Classification

Electrical submersible pump. Protection Class: IP68

#### Electrical motor

Squirrel cage induction motor. Insulation Class: H (IEC85)

#### 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: 20m

Max. liquid temperature: 40°C

Allowed pH range: 5 - 8

Maximum liquid density: 1100kg/m<sup>3</sup> (68lbs/ft<sup>3</sup>)

#### Shaft Seals

Double mechanical seal running in an oil compartment

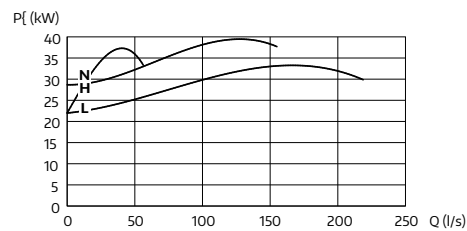
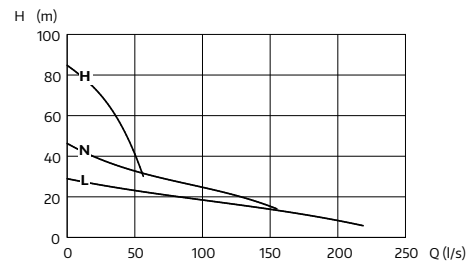
Material lower seal: tungsten carbide - tungsten carbide

Material upper seal: tungsten carbide - tungsten carbide

#### Bearings

Lower: Double angular contact ball bearing with CB clearance

Upper: Ball bearing with C3 clearance



ISO 9906/A

#### Discharge connection

Hose: 4", 6", 8"; NPT & ISO-G Male: 4"; NPT & ISO-G Female: 6", 8"

#### 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

For Maxi H: Open impeller (closed impeller as standard)