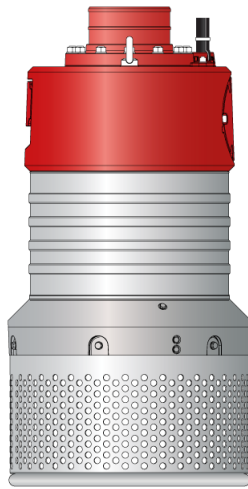


**Magnum**

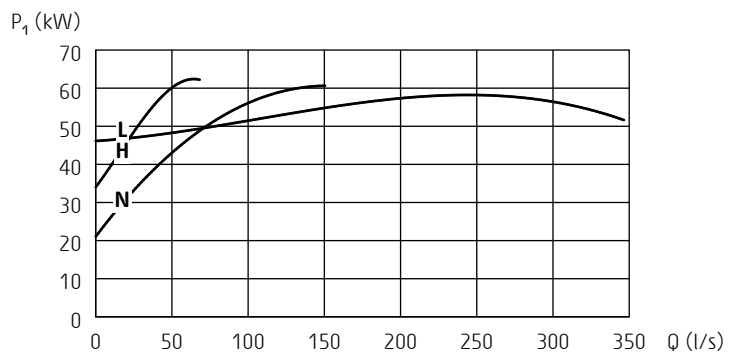
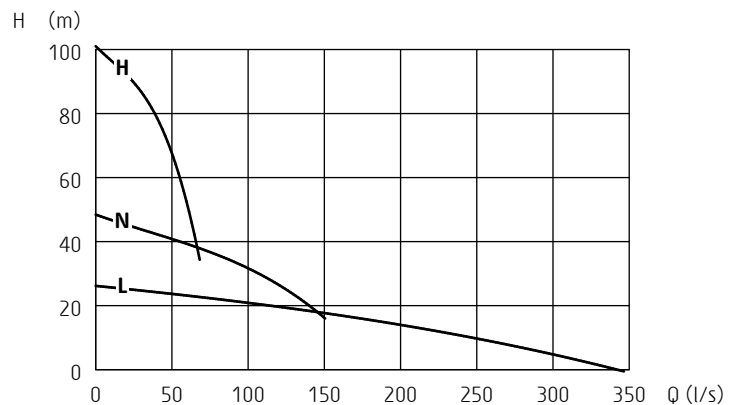
Electrical submersible drainage pump

POMP DIRECT


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50 Hz	N	H	L
Discharge connection	8"	6"	10"
Rated power $P_2$ [kW]	57	57	57
Max. power consumption $P_1$ [kW]	62	64	62
Shaft speed [r.p.m.]	1475	2950	1475
Rated current at 400V	107 A	99 A	107 A
Rated current at 500V	85 A	79 A	85 A
Solids passage [mm]	12	12	12
Height [mm]	1475	1475	1475
Diameter [mm]	750	750	750
Weight [kg]	540	540	540

Other voltages on request



ISO 9906/A

**Pump types**

N: normal pressure

H: high pressure

L: high flow

**Classification**

Electrical submersible pump, protection class: IP68

**Electrical motor**

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

**Motor protector**

Air valve and temperature guard with thermal contacts in the stator.

**This pump must be used with external motor protection in accordance with technical data****Cable - SubCab - length 20 m (66 ft)**380-460V DOL: 4G25mm<sup>2</sup>+2x1,5mm<sup>2</sup>460V DOL: 4G35mm<sup>2</sup>+2x1,5mm<sup>2</sup>(North America only)500V DOL: 4G16mm<sup>2</sup>+2x1,5mm<sup>2</sup>575V DOL: 4G25mm<sup>2</sup>+2x1,5mm<sup>2</sup>(North America only)380-460V Y/D: 4G16mm<sup>2</sup>+2x1,5mm<sup>2</sup>500-575V Y/D: 4G10mm<sup>2</sup>+2x1,5mm<sup>2</sup>**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/m<sup>3</sup> (68 lbs/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 C3 clearance

Upper: ball bearing with C3 clearance

**Discharge connection**

6-10" hose, ISO-G, NPT or ANSI flange

**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 star/delta

Tandem connection

Pump raft

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T +31 (0)294-457712 F +31 (0)294-457713  
[www.grindexpompen.nl](http://www.grindexpompen.nl) [info@pompdirect.nl](mailto:info@pompdirect.nl)

Specifications can be changed without notice