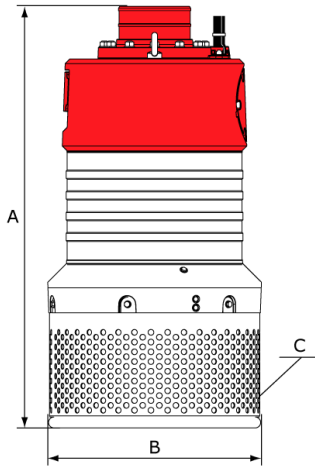


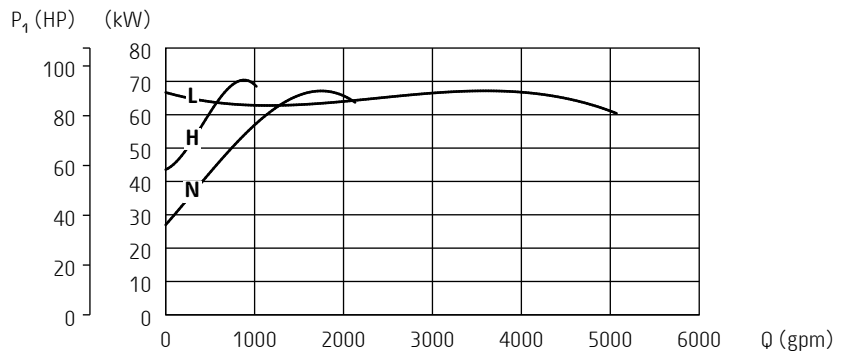
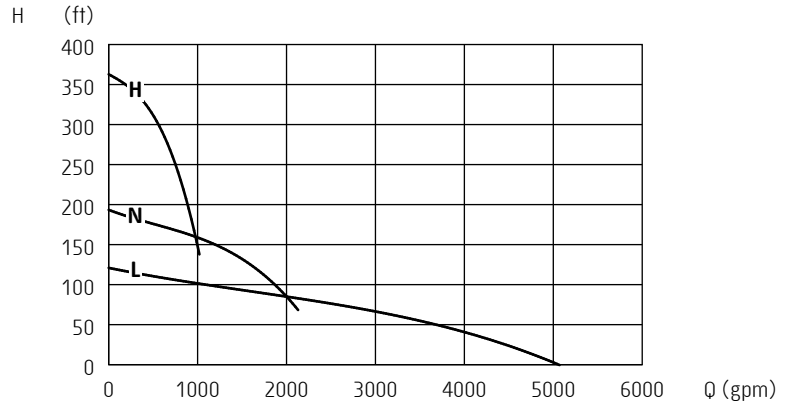
# Magnum

Electrical submersible drainage pump



60 Hz	N	H	L
Discharge connection	8"	6"	10"
Rated power P <sub>2</sub> [kW/HP]	67 / 85	67 / 85	67 / 85
Max. power consumption P <sub>1</sub> [kW]	73	75	73
Shaft speed [r.p.m.]	1770	3540	1770
Rated current at 460V	107 A	100 A	107 A
Rated current at 575V	85 A	81 A	85 A
Solids passage C	12 mm / 0.48"	12 mm / 0.48"	12 mm / 0.48"
Dimensions A / B	1475 / 750 mm	1475 / 750 mm	1475 / 750 mm
Dimensions A / B	59 / 30"	59 / 30"	59 / 30"
Weight [kg/lbs]	540 / 1200	540 / 1200	540 / 1200

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 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 - length 20 m (66 ft)

400+575V DOL: 4G25mm<sup>2</sup>+2x1,5mm<sup>2</sup>

500V DOL: 4G16mm<sup>2</sup>+2x1,5mm<sup>2</sup>

400-460V Y/D: 4G16mm<sup>2</sup>+2x1,5mm<sup>2</sup>

500-575V Y/D: 4G10mm<sup>2</sup>+2x1,5mm<sup>2</sup>

460V DOL: 4G35mm<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 Y/D

Tandem connection