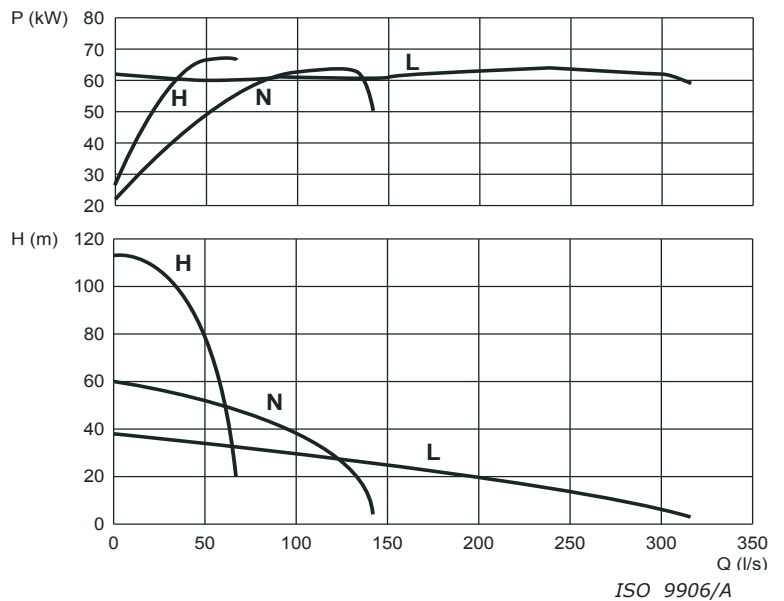
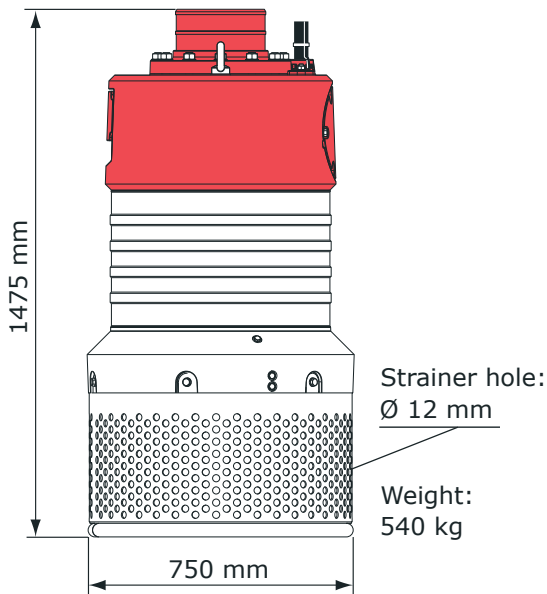


# MAGNUM

## Electrical submersible drainage pump



### Pump types

N: Normal head  
H: High head  
L: High flow

### Classification

Electrical submersible pump  
Protection class: IP68  
Max. submersion depth: 20 m

### Electrical motor

Squirrel cage induction motor  
Insulation class: F (IEC 85)

### Technical data

		N & L	H
Shaft speed	r.p.m	1770	3540
Rated output	kW	67	67
Max. power cons.	kW	73	75
Rated current A at	460 V	107	100
	575 V	85	81

Other voltages on request

### Motor protector

Temperature guard with thermal contacts in the stator, leakage sensor, airvalve.

This pump must be connected to an external motor control for DOL or Y/D star/delta start.

### Power cable

SUBCAB with control cores, length 20 m  
4G 25+2x1,5 mm<sup>2</sup> U = 400 V, DOL  
4G 16+2x1,5 mm<sup>2</sup>, U = 500 V, DOL  
4G 16+2x1,5 mm<sup>2</sup>, U = 400 V, star/delta  
4G 10+2x1,5 mm<sup>2</sup>, U = 500 V, star/delta  
(External pilot cable is optional)

### Shaft seals

Double mechanical face seals with an oil compartment between the seals  
Material lower seal: Tungstencarbide-Tungstencarbide  
Material upper seal: Tungstencarbide-Tungstencarbide

### Bearings

Lower: Double angular contact ball bearing with C3 clearance  
Upper: Ball bearing with C3 clearance

### Discharge connections

Hose, ISO-G, NPT or ANSI flange  
N: 8"  
H: 6"  
L: 10"

### Materials

Casted parts	Aluminium
Outer casing	Stainless steel
Motor shaft	Stainless steel
Impeller	Cr-alloyed white cast iron
Screws and nuts	Stainless steel
Diffusers	Polyurethane
O-rings	Nitrile rubber

### Limitations

Max. submersion depth: 20 m  
Max. liquid temperature: 40°C  
Max. liquid density: 1100 kg/m<sup>3</sup>  
pH of the liquid: 5-8

### Accessories

Starter box, DOL or star/delta  
Tandem connection  
Zinc anodes

Specifications can be changed without notice.