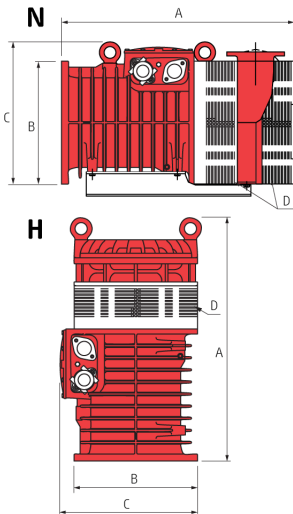




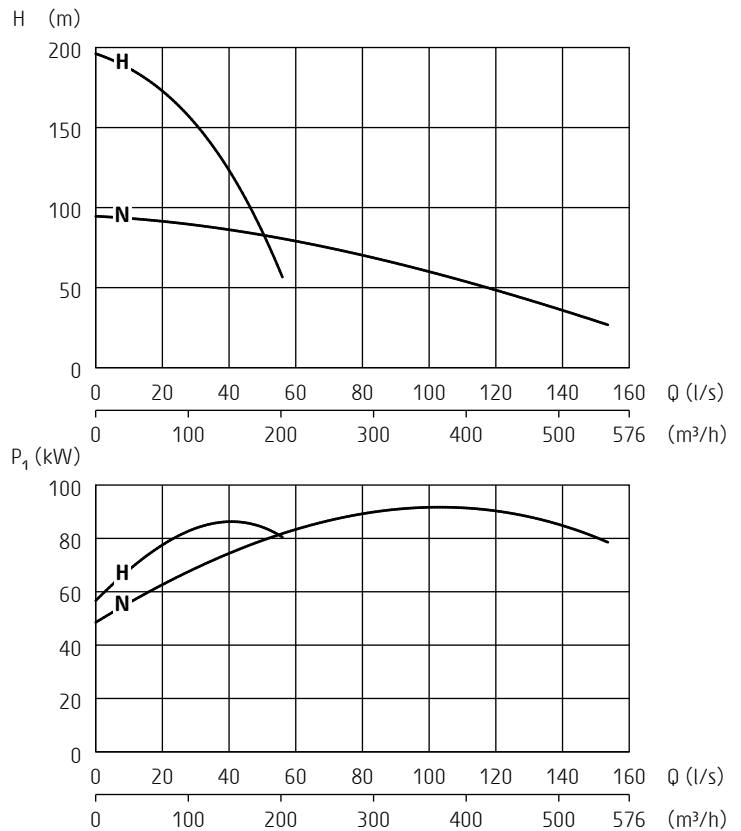
## Mega

Electrical submersible drainage pump



50 Hz	N	H
Discharge connection	6" (DN150)	4" (DN100)
Rated power $P_2$ [kW]	90	90
Max. power consumption $P_1$ [kW]	95	95
Shaft speed [r.p.m.]	2965	2965
Rated current at 400V	148 A	148 A
Rated current at 500V	117 A	117 A
Solids passage D	10 mm	10 mm
Dimensions A / B / C / D	1180 / 610 / 770 / 10 mm	1245 / 610 / 680 / 10 mm
Weight	900 kg	985 kg

Other voltages on request



ISO 9906/A

### Pump types

N: Normal head  
H: High head

### Classification

Electrical submersible pump  
Protection class: IP68

### Electrical motor

Squirrel cage 3-phase induction motor  
Insulation class: H (IEC 85)

### Motor protector

Temperature guard with thermal contacts in the stator

### Monitoring equipment

Pt100 sensor for main bearing temperature reading

### Power cable

4G25+2x1.5 or 4G35+2x1.5, length 20m  
4G35 or 4G50 or 4G70, length 20m  
4AWG/3-2-1-GC or 1AWG/3-2-1-GC, length 50 ft  
S3x50+3x25/3+4x1.5 or S3x70+3x35/3+4x1.5

### Limitations

Max. submersion depth: 75 m (246 ft)  
Max. liquid temperature: 40°C (104°F)  
Max. liquid density: 1100 kg/m<sup>3</sup> (68 lbs/ft<sup>3</sup>)  
pH of the liquid: 6 - 13

### Shaft seals

Double mechanical shaft seals with an oil compartment between the seals  
Material lower seal: *tungsten carbide - tungsten carbide*  
Material upper seal: *tungsten carbide - tungsten carbide*

### Bearings

Main bearing: two single-row angular contact ball bearings  
Support bearing: cylindrical single-row roller bearing with C3 clearance

### Discharge connections

4-6" (DN 100-150) Flange SMS, DIN, BS or ANSI

### Materials

Casted parts: *Cast iron*  
Motor shaft: *Stainless steel*  
Impeller: *Hard-Iron™*  
Diffusers: *Nitrile rubber*  
Screws and nuts: *Stainless steel*

### Accessories

Zinc anodes



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