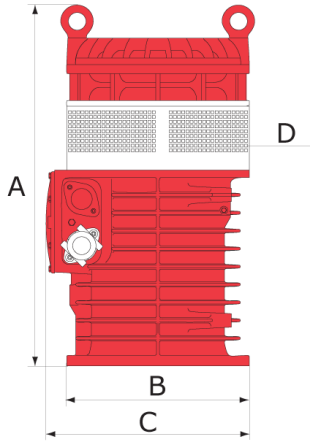


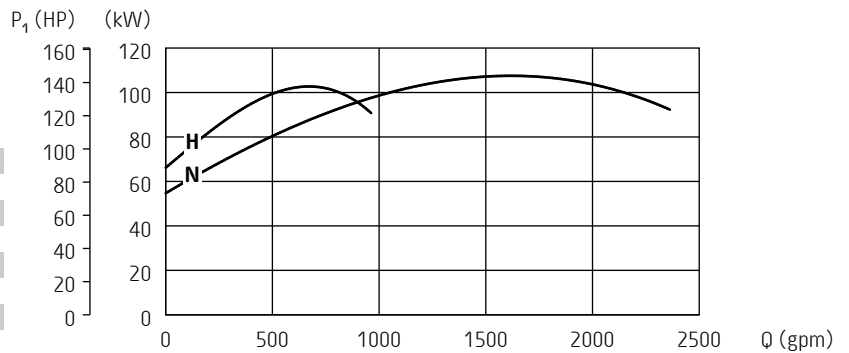
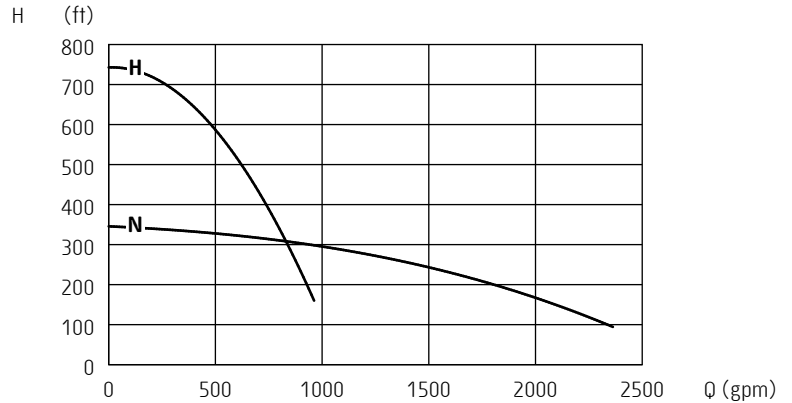
# Mega

Electrical submersible drainage pump



60 Hz	N	H
Discharge connection	6"	4"
Rated power P <sub>2</sub> [kW/HP]	104 / 140	104 / 140
Max. power consumption P <sub>1</sub> [kW]	110	110
Shaft speed [r.p.m.]	3560	3560
Rated current at 380V	178 A	178 A
Rated current at 460V	148 A	148 A
Rated current at 575V	118 A	118 A
Solids passage D	10 mm / 0.39"	10 mm / 0.39"
Dimensions A / B / C / D	1245 / 610 / 680 / 10 mm	1245 / 610 / 680 / 10 mm
Dimensions A / B / C / D	49 / 24 / 27¾ / 0.4"	49 / 24 / 27¾ / 0.4"
Weight [kg/lbs]	900 / 2000	985 / 2190

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