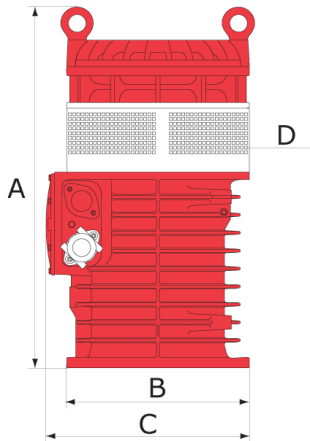




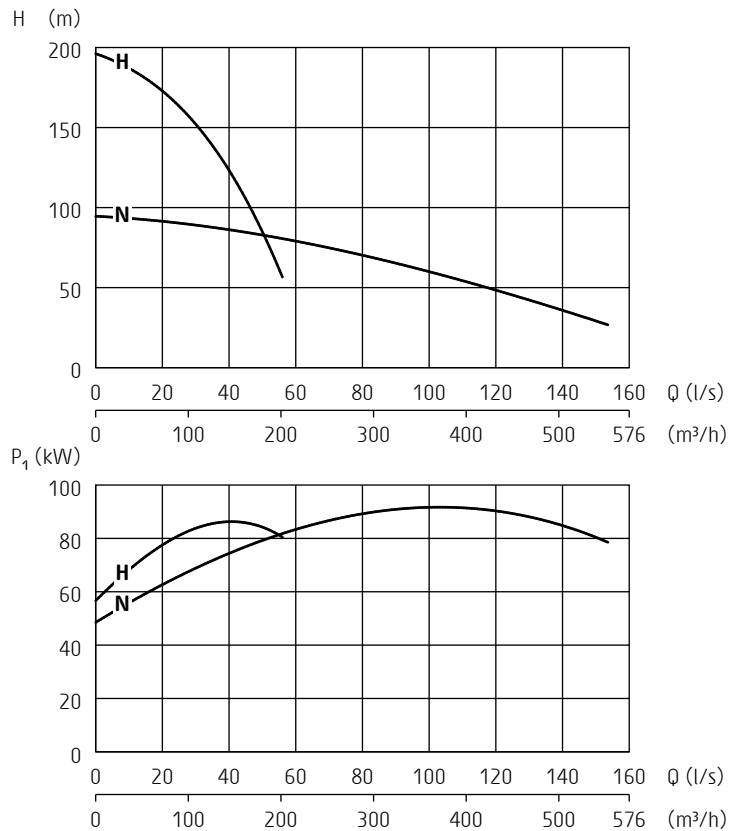
Mega

Electrical submersible drainage pump



| 50 Hz | N | H |
|-----------------------------------|--------------------------|--------------------------|
| Discharge connection | 6" | 4" |
| 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 | 1245 / 610 / 680 / 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/m³ (68 lbs/ft³)
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

Specifications can be changed without notice