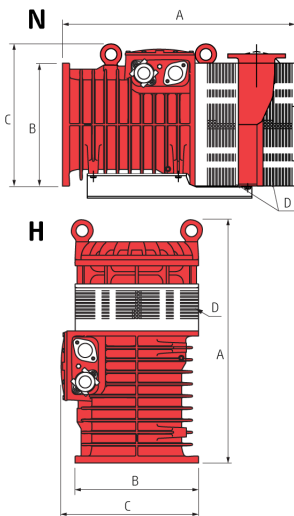




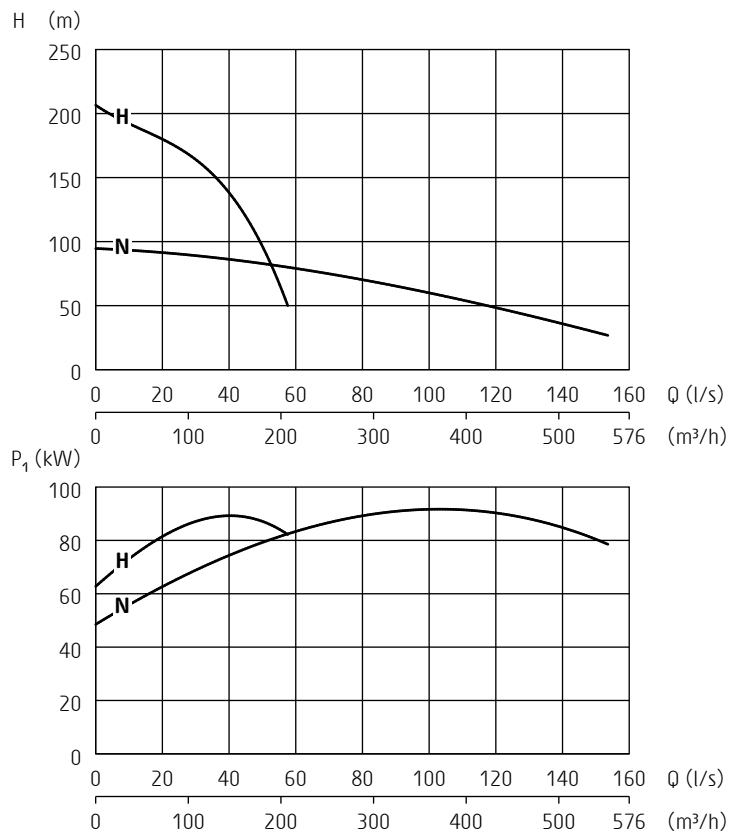
Mega

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 [mm]	10	10
Height [mm]	1180	1245
Diameter [mm]	610	610
Weight [kg]	900	985

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