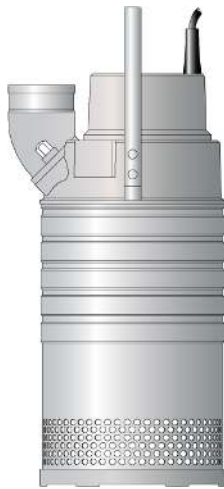




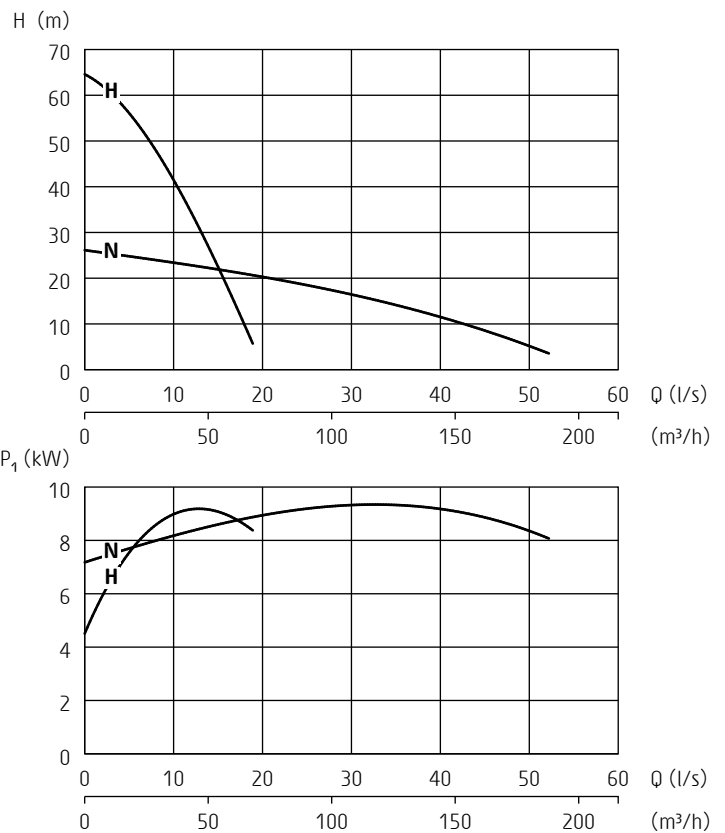
Master Inox

Electrical submersible drainage pump



50 Hz	N	H
Discharge connection	4"	3"
Rated power P_2 [kW]	8,0	8,0
Max. power consumption P_1 [kW]	9,2	9,2
Shaft speed [r.p.m.]	2855	2855
Rated current at 400V	15 A	15 A
Rated current at 500V	12 A	12 A
Solids passage D	8,5 mm	8,5 mm
Height / Diameter (mm)	720 / 280 mm	720 / 280 mm
Weight	77 kg	81 kg

Other voltages on request



ISO 9906/A

General description

Submersible drainage pump made of stainless steel for mines, processing industries and salt-water applications

Classification

Electrical submersible pump
Protection class: IP 68

Electrical motor

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

Motor protection

Phase sequence control, phase failure guard, temperature guard with thermal contacts in the stator (= SMART system). Air valve

Cable - SubCab 20 m (66 ft)

50 Hz 230 - 500V: 4G2.5mm²
60 Hz 230 - 575V: AWG12/4

Limitations

Max. submersion depth: 20 m (66 ft)
Max. liquid temperature: 40 °C (104 °F)
Allowed pH range: 2 - 10
Maximum liquid density: 1100 kg/m³ (68 lbs/ft³)

Shaft seals

Double mechanical shaft seals running in an oil compartment
Material lower seal: *silicon carbide - silicon carbide*
Material upper seal: *carbon - silicon carbide*

Bearings

Ball bearings with C3 clearance

Discharge connection

3-4" hose, Iso-G BSP or NPT

Materials

Casted parts: *Stainless steel (EN 10283-1.4412-ASTM CF-8M)*
Outer casing: *Stainless steel (EN 10088-3-1.4436-AISI 316L)*
Motor shaft: *Stainless steel (EN 10088-3-1.4460-AISI 329)*
Impeller: *Stainless steel (EN 10283-1.4412-ASTM CF-8M)*
Diffusers: *Nitrile rubber*
Screws and nuts: *Stainless steel (A4)*
O-rings: *Viton rubber*

Accessories

Zinc anodes