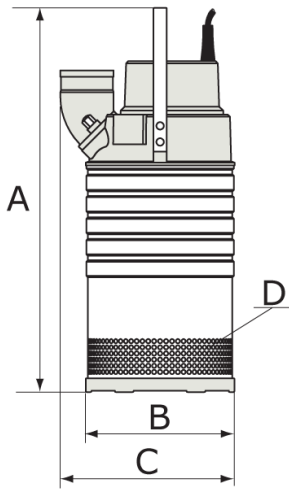




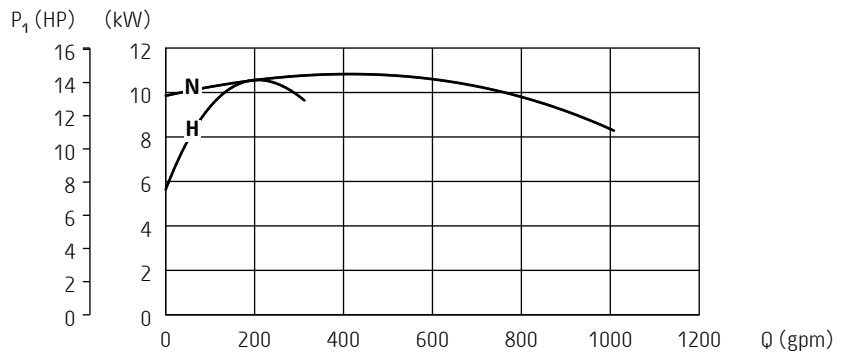
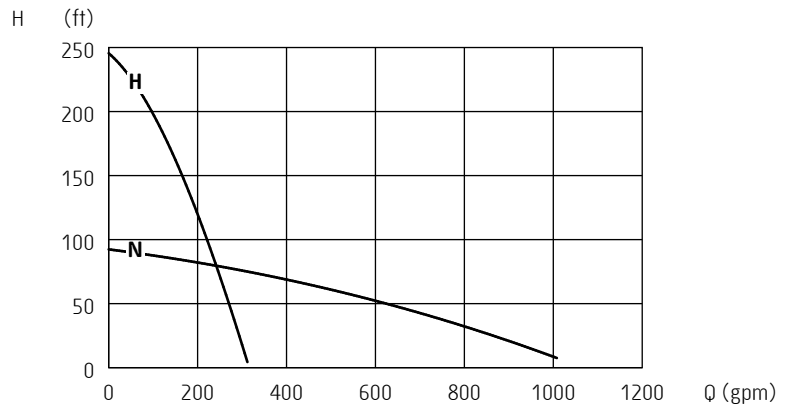
Master Inox

Electrical submersible drainage pump



| 60 Hz | N | H |
|--|--------------------|--------------------|
| Discharge connection | 4" | 3" |
| Rated power P ₂ [kW/HP] | 9.7 / 13 | 9.7 / 13 |
| Max. power consumption P ₁ [kW] | 11 | 11 |
| Shaft speed [r.p.m.] | 3455 | 3455 |
| Rated current at 230V | 30 A | 30 A |
| Rated current at 460V | 15 A | 15 A |
| Rated current at 575V | 12 A | 12 A |
| Solids passage D | 8,5 mm (0.35") | 8,5 mm (0.35") |
| Dimensions A / B / C | 720 / 280 / 330 mm | 720 / 280 / 330 mm |
| Dimensions A / B / C | 28½ / 11 / 13" | 28½ / 11 / 13" |
| Weight | 77 kg (171 lbs) | 81 kg (180 lbs) |

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