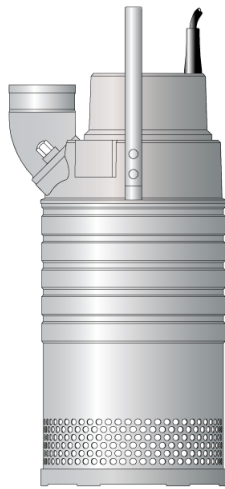




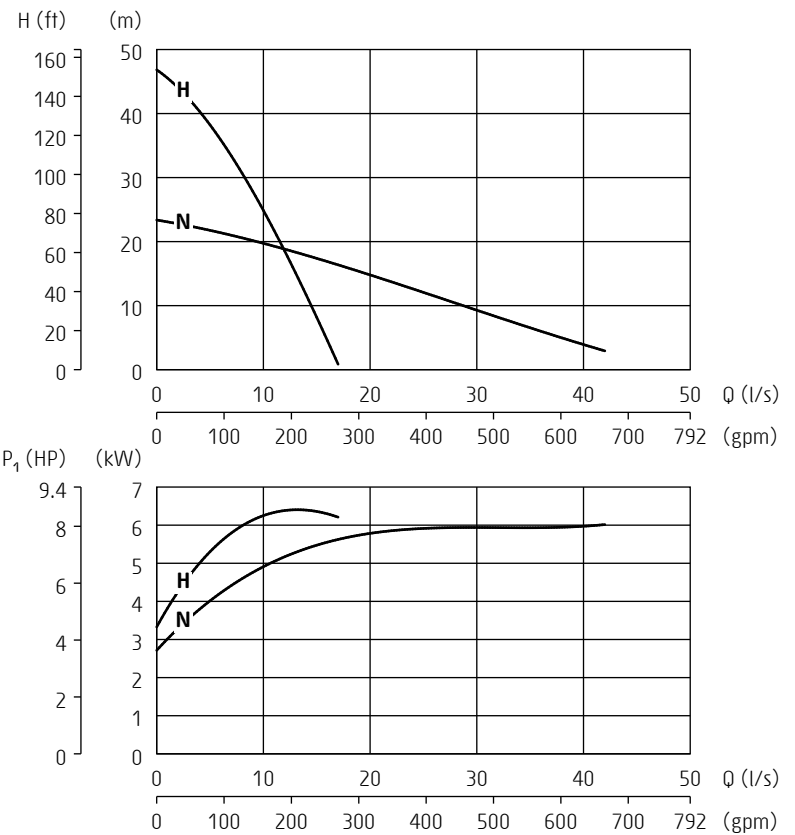
## Major Inox

Electrical submersible drainage pump



60 Hz	N	H
Discharge connection	4"	3"
Rated power $P_2$ [kW/hp]	6.7 / 9	6.7 / 9
Max. power consumption $P_1$ [kW]	7.6	7.6
Shaft speed [rpm]	3455	3455
Rated current at 230V	21 A	21 A
Rated current at 460V	11 A	11 A
Rated current at 575V	8.6 A	8.6 A
Solids passage [mm/inch]	8.5 / 0.35	8.5 / 0.35
Height [mm/inch]	665 / 26¼	665 / 26¼
Diameter [mm/inch]	280 / 11	280 / 11
Weight [kg/lbs]	65 / 144	65 / 144

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: 4G2.5mm<sup>2</sup>  
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/m<sup>3</sup> (68 lbs/ft<sup>3</sup>)

### 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

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Specifications can be changed without notice