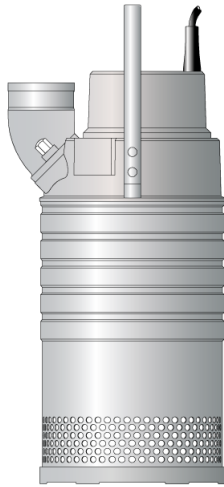




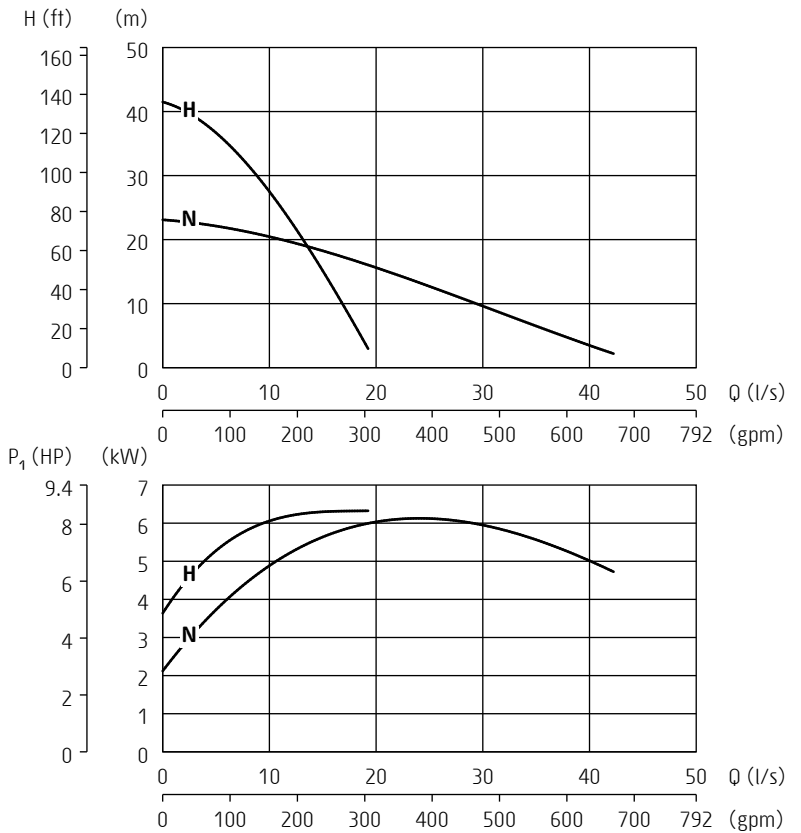
# Major Inox

Electrical submersible drainage pump



50 Hz	N	H
Discharge connection	4"	3"
Rated power $P_2$ [kW]	6,3	6,3
Max. power consumption $P_1$ [kW]	7,3	7,3
Shaft speed [rpm]	2840	2840
Rated current at 400V	12 A	12 A
Rated current at 500V	9,4 A	9,4 A
Solids passage [mm]	8,5	8,5
Height [mm]	665	665
Width [mm]	333	333
Weight [kg]	65	65

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

