

# Huracan HP100 SS

Electric submersible drainage pumps

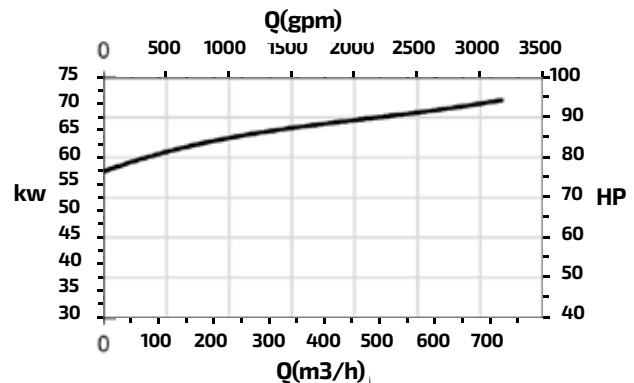
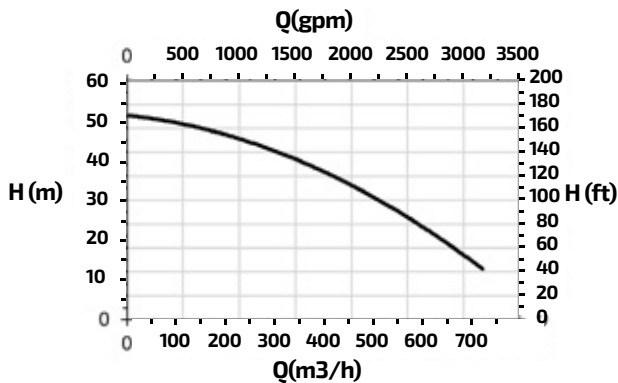
60 Hz



referential image

Electric submersible drainage pump, available in cast iron and stainless-steel alloys. Designed for mining operations, power plants and other industries that handle abrasive solids and water.

60 Hz	N
Power, HP (kW)	100(75)
Voltage	460-600
Nominal Current, A	113-98
Weight, lb (kg)	2930(1330)
Max. height, inch (mm)	76(1925)
Max. diameter, inch (mm)	41(1050)
Discharge, inch (mm)	10(250)
Strainer opening Ø, inch (mm)	1(25)



## Models:

N: Normal pressure.

## Classification

Submersible electric pump

## Electric motor

Three-phase squirrel cage motor, 4 poles.  
Speed: 1750 RPM  
Insulation class: H  
Start: Star-Delta/ Soft-Starter (\*)

## Motor protection

Thermistors in the motor winding  
Protection: IP 68

## Cable

2 cables 4G25 + 2Gx1.5 mm<sup>2</sup>, 20m (66 ft) (\*)  
This pump must be connected to an external electrical cabinet with adequate protection

## Mechanical seals

Double mechanical seal in oil chamber and water  
Rotary seal material: Silicon carbide.  
Stationary seal material: Silicon carbide.  
Elastomers: Viton

## Bearings

Lower: Double row ball bearing C3  
Upper: Ball bearing C3

## Discharge connection

10° ANSI 150 lb.

## Limitations

Maximum submersion: 20 m (66 ft).  
Maximum liquid temperature: 40 °C (104 °F)  
Liquid pH range: 2-11

## Available materials

Cover: Stainless Steel.  
Cylinder: Stainless Steel.  
Strainer: Stainless Steel.  
Casing: Stainless Steel.  
Volute: Stainless Steel.  
Shaft: Stainless Steel.  
Screws/Nuts: Stainless Steel

\*Specifications may be modified without prior notice.