

# Aventador HP115

Electric submersible drainage pumps

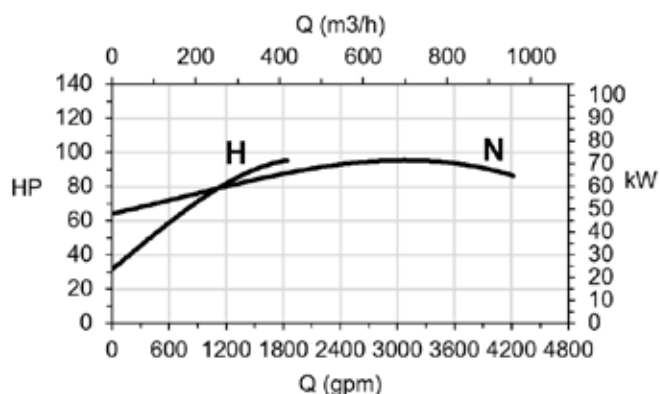
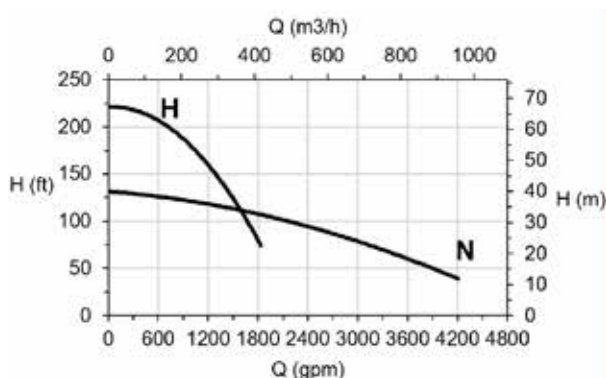
50 Hz

referential image



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

50 Hz	N	H
Power, HP (kW)	95(71)	95(71)
Voltage	380-500	380-500
Nominal Current, A	179-136	179-136
Weight, lb (kg)	1477(670)	1477(670)
Max. height, inch (mm)	50(1262)	50(1262)
Max. diameter, inch (mm)	36(910)	36(910)
Discharge, inch (mm)	10(250)	8(200)
Strainer opening Ø, inch (mm)	1(25)	1(25)



## Models:

N: Normal pressure.  
H: High pressure.

## Classification

Submersible electric pump

## Electric motor

Three-phase squirrel cage motor, 4 poles.  
Speed: 1450 RPM  
Insulation class: H  
Start: Star-Delta

## Motor protection

Thermo-contacts in the winding  
Protection: IP 68

## Cable

2 cables 4G25+2x1.5mm<sup>2</sup>, 20m (66 ft) (\*)  
This pump must be connected to an external control panel with adequate protection.

## Mechanical seals

Double mechanical seal in the oil and water chamber.  
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

8"H - 10"N (\*)

## Limitations

Maximum submersion: 20m (66ft)  
Maximum liquid temperature: 40 °C (104°F)  
Liquid pH range: 5-8

## Available materials

Cover: Aluminum.  
Strainer: Carbon Steel.  
Impeller: High Chrome Steel.  
Housing: Aluminum  
Shaft: Stainless Steel  
Screws/Nuts: Stainless Steel

\*Specifications may be modified without prior notice.