

Aventador HP115 SS

Electric submersible drainage pumps

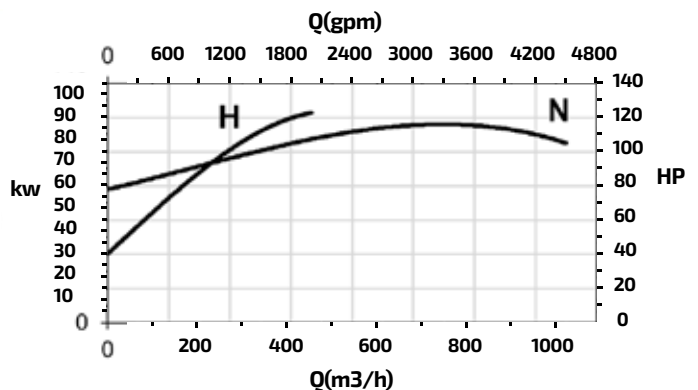
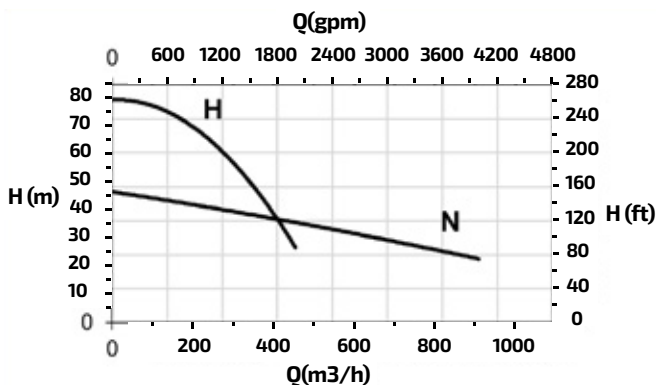
60 Hz

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	H
Power, HP (kW)	115(85)	115(85)
Voltage	460-600	460-600
Nominal Current, A	148-113	148-113
Weight, lb (kg)	2600(1180)	2600(1180)
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.
Speed: 1750 RPM
Insulation class: H
Start: Star-Delta

Motor protection

Thermo-contacts in the winding
Protection: IP 68

Cable

2 cables 4G25+2x1.5mm2, 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

8"H, 10" N. (*)

Limitations

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

Available materials

Cover: Stainless Steel.
Cover: Stainless Steel.
Strainer: Stainless Steel.
Impeller: Stainless Steel.
Casing: Stainless Steel.
Shaft: Stainless Steel.
Screws/Nuts: Stainless Steel.

*Specifications may be modified without prior notice.