

Espada HP15

Electric submersible drainage pumps

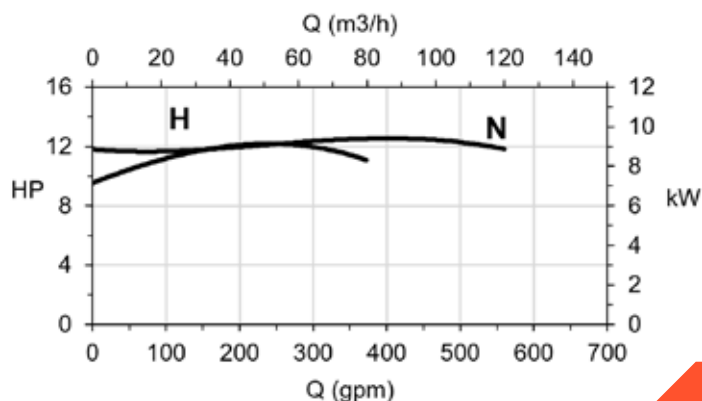
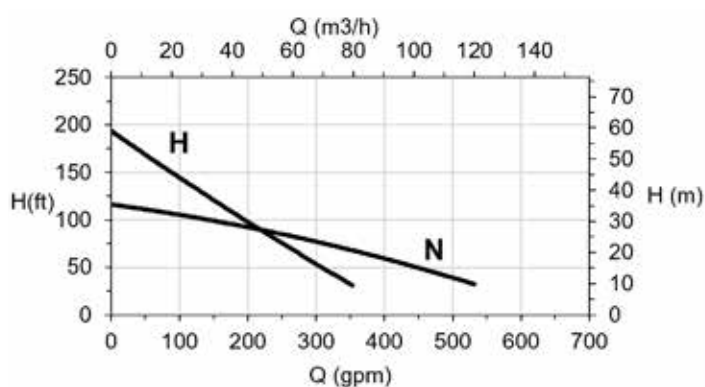
50 Hz

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)	12.5(9.3)	12.5(9.3)
Voltage	380-500	380-500
Nominal Current, A	22-17	22-17
Weight, lb (kg)	176(80)	176(80)
Max. height, inch (mm)	28.7(730)	28.7(730)
Max. diameter, inch (mm)	12.6(320)	12.6(320)
Discharge, inch (mm)	4(100)	3(75)
Strainer opening Ø, inch (mm)	0.28(7)	0.28(7)



Models:

N: Normal pressure.
H: High pressure.

Classification

Submersible electric pump

Electric motor

Three-phase squirrel cage motor
Speed: 2950 RPM
Insulation class: H
Start: Direct

Motor protection

Thermo-contacts in the winding
Protection: IP 68

Cable

4G10 + 2x1.5mm², 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

Deep groove ball bearing C3.

Discharge connection

3" H – 4" N. (*)

Limitations

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

Available materials

Cover: Aluminum.
Cylinder: Carbon Steel.
Strainer: Carbon Steel.
Impeller: High Chrome Steel.
Diffusers: Aluminum + Polyurethane.
Shaft: Stainless Steel
Screws/Nuts: Stainless Steel

*Specifications may be modified without prior notice.