

Gallardo HP58

Electric submersible drainage pumps

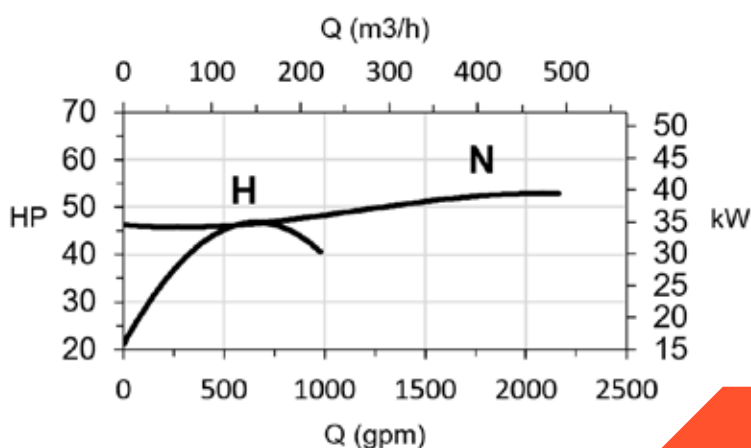
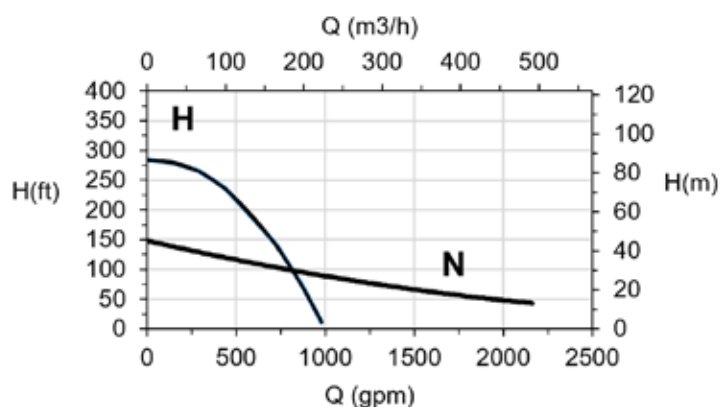
50 Hz

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)	50(37)	50(37)
Voltage	380-500	380-500
Nominal Current, A	86-65	86-65
Weight, lb (kg)	639(290)	639(290)
Max. height, inch (mm)	51.3(1303)	51.3(1303)
Max. diameter, inch (mm)	20(510)	20(510)
Discharge, inch (mm)	6(150)	4(100)
Strainer opening Ø, inch (mm)	0.5(12)	0.5(12)



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/Star-Delta

Motor protection

Thermo-contacts in the winding
Protection: IP 68

Cable

Star-Delta: 2 cables 4Gx10+ 2x1.5mm², 20m(66ft)(*)
Direct: 1 cable 4Gx25+ 2x1.5mm², 20m(66ft)(*)
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 angular contact ball bearing C3.
Upper: Deep groove ball bearing C3.

Discharge connection

4"H – 6" 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.