

Gallardo HH SS

Electric submersible drainage pump

60 Hz

*Referential image
Also available in a stainless steel version.



Electric submersible drainage pump, available in various aluminum and stainless-steel alloys. For applications in mines, power plants and other industries that handle abrasive solids and water.

50 Hz	HH
Power , [kW / HP]	45 / 60
Voltage,V	380 / 440 / 460
Nominal current, A	85,9 / 74,2 / 71
Weight, kg	385
Max. height, mm	1358
Max. width, mm	533
Discharge, in.	4"
Strainer opening Ø,mm	12

Models:

HH: Maximum pressure

Classification

Submersible electric pump

Electric motor

Three-phase squirrel cage motor
Speed: 3550 RPM
Insulation class: H
Start: Direct / Star Delta
Max. number of starts per hour: 12

Motor protection

Three-phase squirrel cage motor
Protection: IP 68

Cable

Star-Delta: 2 cables 4G10+ 2x1.5mm², 20m(*)
Direct: 1 cable 4G25+ 2x1.5mm², 20m (*)

Mechanical seals

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

Bearings

Lower: Double angular contact ball bearing C3.
Upper: Deep groove ball bearing C3.

Discharge connection

4"H - 6" N.(*)

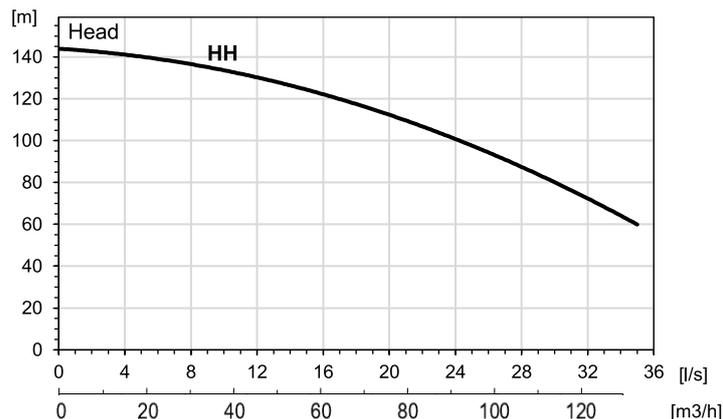
Limitations

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

Available material

Cover: Stainless steel.
Cylinder: Stainless steel.
Strainer: Stainless steel.
Impeller: Stainless steel.
Diffusers: Stainless steel + PU.
Shaft: AISI 431 Stainless steel.
Screws / Nuts: Stainless steel .

This pump must be connected to an external electrical cabinet with adequate protections.



* Specifications may be modified without prior notice.