

Diablo 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]	26 / 35
Voltage,V	380 / 440 / 460
Nominal current, A	50,1 / 43,3 / 41,4
Weight, kg	320
Max. height, mm	1234
Max. width, mm	461
Discharge, in.	4"
Strainer opening Ø,mm	12

Models:

HH: Maximum pressure

Classification

Submersible electric pump

Electric motor

Three-phasesquirrel cage motor
Speed: 3550 RPM
Insulation class: H
Start: Direct Máx. numberof starts per hour: 12

Motor protection

Three-phase squirrel cage motor
Protection: IP 68

Cable

4G10 + 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" HH(*)

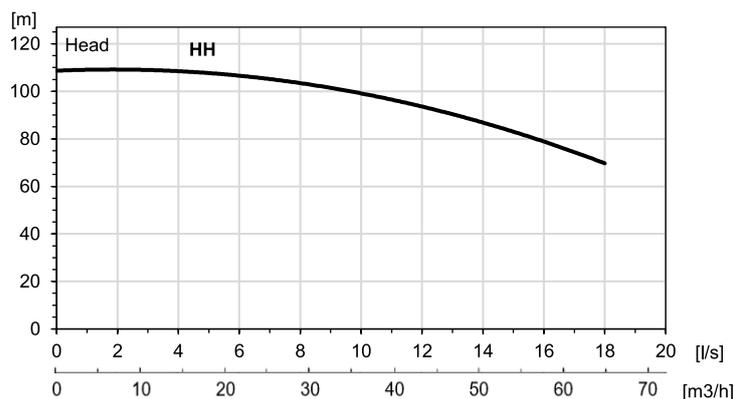
Limitations

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.