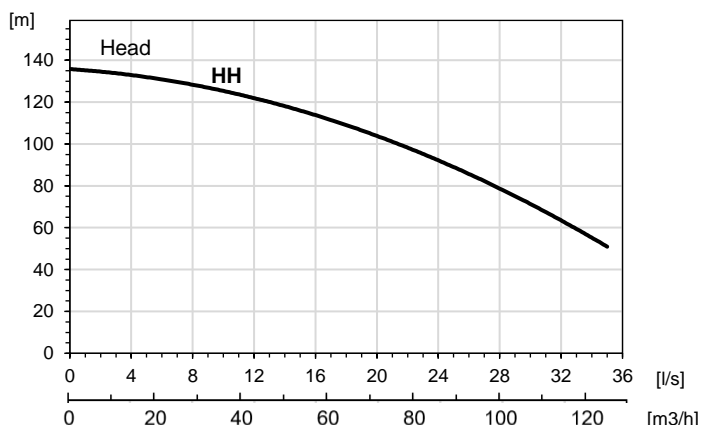


**DESCRIPTION**

**50 Hz**



\*Referential image



**50 Hz**

**HH**

Power , [kW / HP]	37 / 50
Voltage, V	380 / 400 / 500
Nominal current, A	69,1 / 65,6 / 52,5
Weight, kg	310
Max. height, mm	1358
Max. width, mm	533
Discharge, in	4"
Strainer opening Ø, mm	12

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.

**Models:**

HH: Max. pressure.

**Classification**

Submersible electric pump

**Electric motor**

Three-phase squirrel cage motor  
Speed: 2950 RPM  
Insulation class: H  
Start: Direct / Star-Delta  
Max. number of starts per hour: 12

**Motor protection**

Thermo-contacts in the winding.  
Protection: IP 68

**Cable**

Star-Delta: 2 cables 4G10+ 2x1.5mm<sup>2</sup>, 20m (\*)  
Direct: 1 cable 4G25+ 2x1.5mm<sup>2</sup>, 20m (\*)

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

**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 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: 5 – 8.

**Available materials**

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

*\*Specifications may be modified without prior*