

Espada 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]	11 / 15
Voltage,V	380 / 440 / 460
Nominal current, A	21,8 / 18,8 / 18
Weight, kg	120
Max. height, mm	917
Max. width, mm	342
Discharge, in.	3"
Strainer opening Ø,mm	7

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

4Gx2.5mm²+ 2x1mm², 20m(*)

Mechanical seals

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

Bearings

Deep groove ball bearing C3.

Discharge connection

3" HH

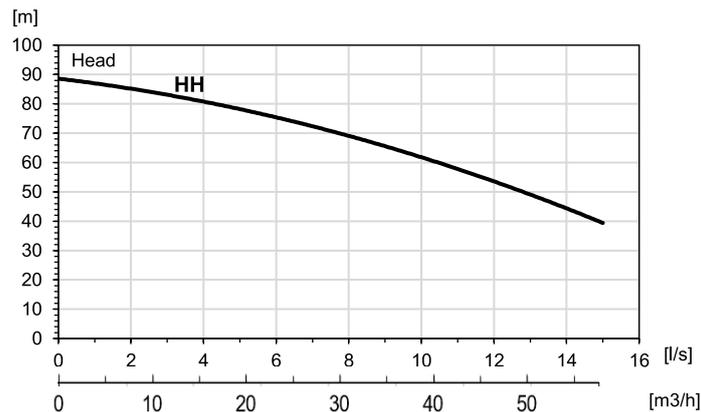
Limitations

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.