

Espada HP15

Electric submersible drainage pump

50 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	N	H
Power, [kW / HP]	11 / 15	11 / 15
Voltage,V	380 / 400 / 500	380 / 400 / 500
Nominal current, A	20,8 / 19,8 / 15,8	20,8 / 19,8 / 15,8
Weight, kg	88,5	88,5
Max. height, mm	856	856
Max. width, mm	320	320
Discharge, in	4"	3"
Strainer opening Ø,mm	7	7

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
Max. number of 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

Deep groove ball bearing C3.

Discharge connection

3" H – 4" N. (*)

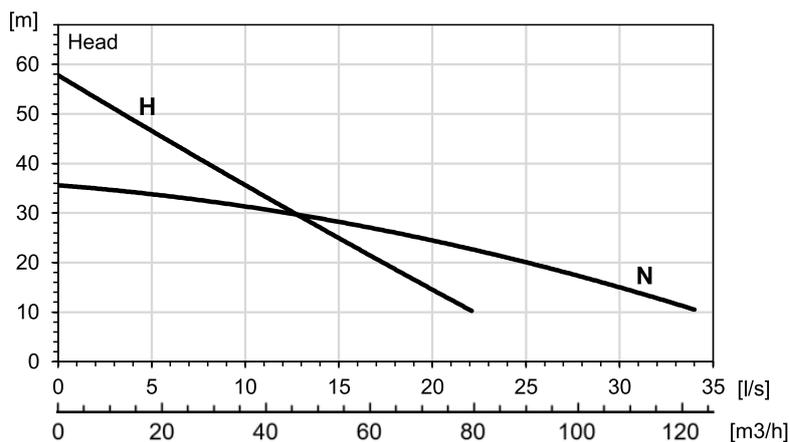
Limitations

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

Available material

Cover: Aluminum.
Cylinder: Carbon steel.
Strainer: Carbon steel.
Impeller: High chrome steel / Stainless steel.
Diffusers: Aluminum +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.