

Lanzador HP225 SS

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	H
Power , [kW / HP]	167 / 225
Voltage,V	380 / 400 / 500
Nominal current, A	300/ 285 / 228
Weight, kg	1560
Max. height, mm	1525
Max. width, mm	712
Discharge, in.	6"
Strainer opening Ø,mm	12

Models:

H: 3stage high pressure.

Classification

Submersible electric pump

Electric motor

Three-phasesquirrel cage motor, 2 poles.
Speed: 2950 RPM
Insulationclass: H
Start: Star-Delta,Soft Starter
Max.number of starts per hour: 12

Motor protection

Three-phase squirrel cage motor
Protection: IP 68

Cable

4Gx50mm²+ 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

Upper : 2 Angular contact bearings.
Lower: Cylindricalroller bearing.

Discharge connection

6" H

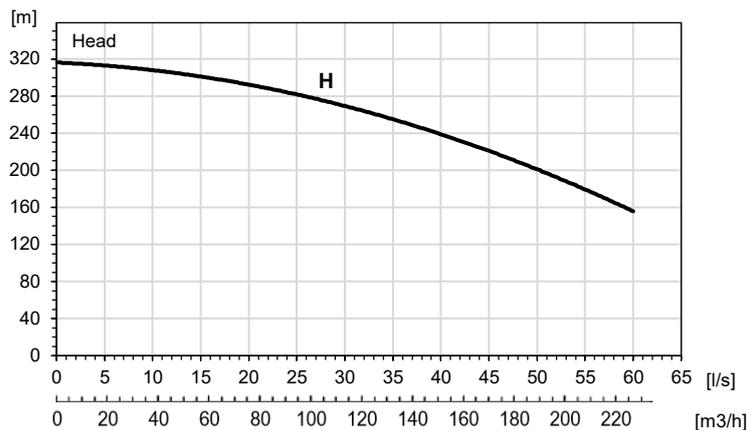
Limitations

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

Available material

Cover: Nodular cast iron ASTM A536.
Strainer:Carbon steel ASTM A36.
Impellers: Highchrome steel ASTM A532 /
Stainless steel AISI 316.
Diffusers: Nodularcast iron ASTM A536.
Shaft: Stainless steel AISI 431

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



*Specifications may be modified without prior notice.