

Diablo HP35

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]	22 / 30	22 / 30
Voltage, V	380 / 400 / 500	380 / 400 / 500
Nominal current, A	48,4 / 46 / 36,8	48,4 / 46 / 36,8
Weight, kg	180	180
Max. height, mm	1065	1065
Max. width, mm	425	425
Discharge, in	6"	4"
Strainer opening Ø, mm	13	13

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 material: silicon carbide.
Elastomers: Viton.

Bearings

Lower: Angular contact bearing C3
Upper: Deep groove ball bearing C3

Discharge connection

4" H – 6" N. (*)

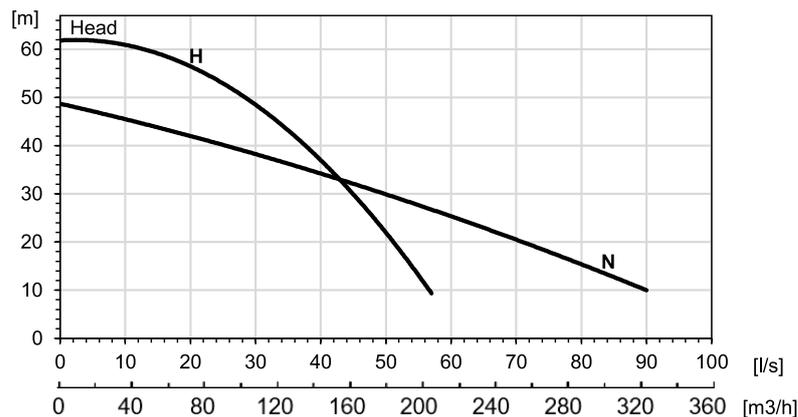
Limitations

Maximum submersion: 20 m.
Maximum liquid temperature: 40 °C (104°F).
Liquid pH range: 5 – 8.

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.