

Countach HP80

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]	52 / 70	52 / 70
Voltage, V	380 / 400 / 500	380 / 400 / 500
Nominal current, A	85,9 / 82 / 65,3	85,9 / 82 / 65,3
Weight, kg	649	649
Max. height, mm	1481	1481
Max. width, mm	627	627
Discharge, in	8"	6"
Strainer opening Ø, mm	12	12

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: Star-Delta
Max. number of starts per hour :12

Motor protection

Thermo-contacts in the winding.
Protection: IP 68.

Cable

2 cables 4G16+ 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.
Upper: Cylindrical roller bearing.

Discharge connection

6"- H, 8"-N. (*)

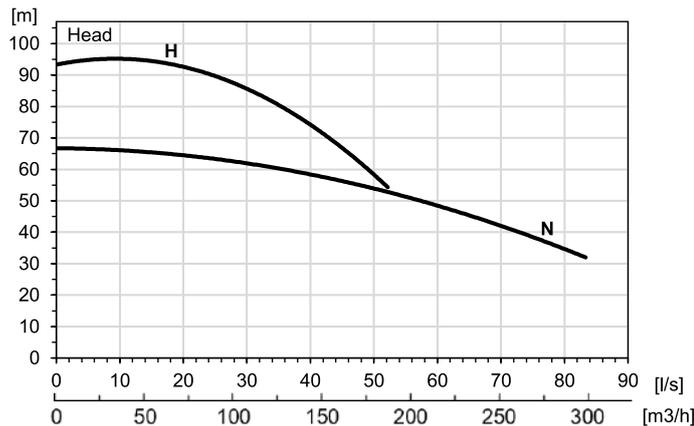
Limitations

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

Available material

Cover: Aluminum.
Cylinder: Aluminum.
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.