

Countach HP80 SS

Electric submersible drainage pumps

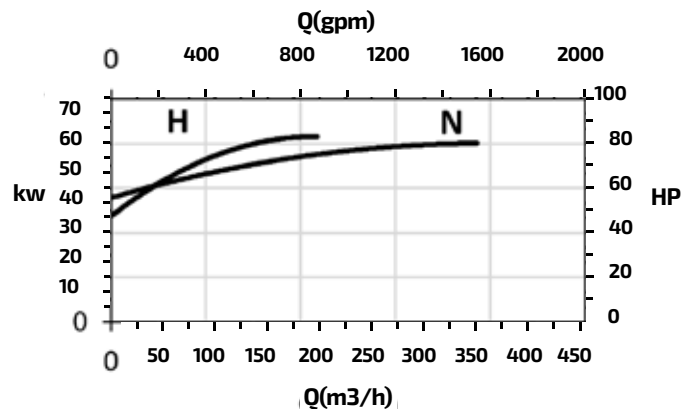
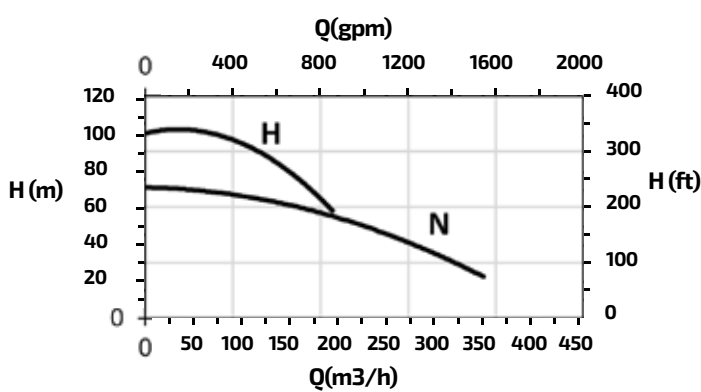
60 Hz

referential image



Electric submersible drainage pump, available in cast iron and stainless-steel alloys. Designed for mining operations, power plants and other industries that handle abrasive solids and water.

60 Hz	N	H
Power, HP (kW)	80(60)	80(60)
Voltage	460-600	460-600
Nominal Current, A	87-67	87-67
Weight, lb (kg)	1850(839)	1850(839)
Max. height, inch (mm)	60(1524)	60(1524)
Max. diameter, inch (mm)	22(559)	22(559)
Discharge, inch (mm)	8(200)	6(150)
Strainer opening Ø, inch (mm)	0.5(12)	0.5(12)



Models:

N: Normal pressure.
H: High pressure.

Classification

Submersible electric pump

Electric motor

Three-phase squirrel cage motor.
Speed: 3550 RPM.
Insulation class: H.
Start: Star-Delta

Motor protection

Thermo-contacts in the winding.
Protection: IP 68

Cable

2 cables 4G16+ 2x1.5mm², 20m (66 ft) (*)
This pump must be connected to an external electrical cabinet with adequate protection.

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 Bearings
Upper: Cylindrical roller bearing

Discharge connection

6"H - 8"N (*)

Limitations

Maximum submersion: 20 m (66 ft.).
Maximum liquid temperature: 40 °C (104°F).
Liquid pH range: 2 -11.

Available materials

Cover: Stainless Steel.
Cylinder: Stainless Steel.
Strainer: Stainless Steel.
Impeller: Stainless Steel.
Diffusers: Stainless Steel.
Shaft: Stainless Steel.
Screws/Nuts: Stainless Steel.

*Specifications may be modified without prior notice.