

Estoque HP300

Electric submersible drainage pumps

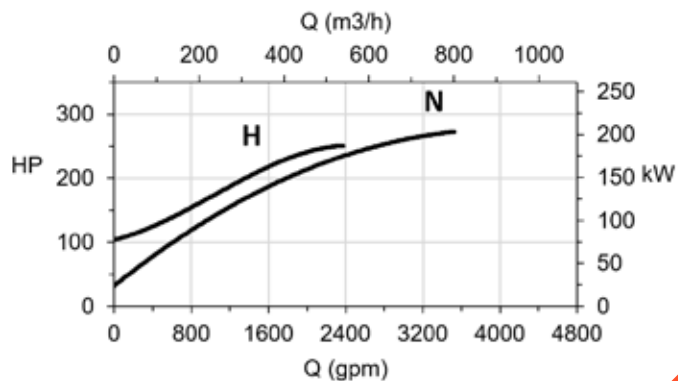
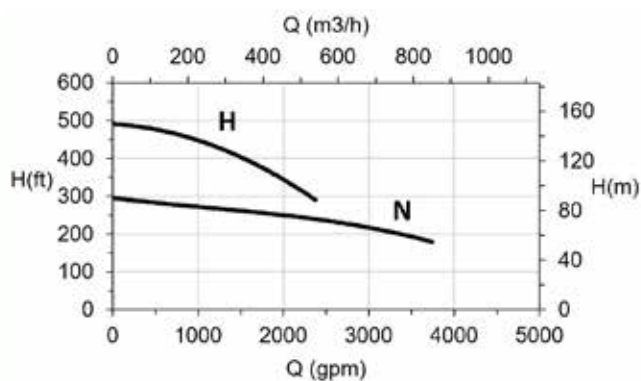
50 Hz

referential image



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

50 Hz	N	H
Power, HP (kW)	250(185)	250(185)
Voltage	380-500	380-500
Nominal Current, A	357-271	357-271
Weight, lb (kg)	5698(2584)	5291(2400)
Max. height, inch (mm)	78(1975)	78(1975)
Max. diameter, inch (mm)	46(1168)	37(934)
Discharge, inch (mm)	10(250)	10(250)
Strainer opening Ø, inch (mm)	0.63(16)	0.63(16)



Models:

N: Normal pressure.
H: High pressure.

Classification

Submersible electric pump

Electric motor

Three-phase squirrel cage motor, 4 poles.
Speed: 1450 RPM.
Insulation class: H.
Start: Soft Starter, VFD (*)

Motor protection

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

Cable

2 cables 4G70 + 2x1.5 mm², 20m (66 ft) (*)
This pump must be connected to an external control panel with adequate protection.

Mechanical seals

Double mechanical seal in the oil and water chamber.
Rotary seal material: Silicon carbide.
Stationary seal material: Silicon carbide.
Elastomers: Viton

Bearings

Lower: Angular contact bearings.
Upper: Cylindrical roller bearing

Discharge connection

H - 10" ANSI 300 lb / N - 10" ANSI 150 lb

Limitations

Maximum submersion: 25m (82 ft).
Maximum liquid temperature: 40 °C (104 °F).
Liquid pH range: 6-11.

Available materials

Cover: Nodular Cast iron.
Cylinder: Carbon Steel.
Strainer: Carbon Steel.
Impeller: High Chrome Steel.
Shaft: Stainless Steel
Screws/Nuts: Stainless Steel

*Specifications may be modified without prior notice.