

Estoque HP300 SS

Electric submersible drainage pumps

60 Hz



referential image

Electric submersible drainage pump, available in various 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)	300(224)	300(224)
Voltage	460-600	460-600
Nominal Current, A	341-261	341-261
Weight, lb (kg)	5900(2676)	5700(2590)
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.
Speed: 2950 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 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

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: 2-11.

Available materials

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

*Specifications may be modified without prior notice.

