

Huracan HP100

Electric submersible drainage pumps

50 Hz

referential image



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

50 Hz	N
Power, HP (kW)	80(60)
Tension, V	380-500
Nominal Current, A	137-104
Weight, lb (kg)	2645(1200)
Max. height, inch (mm)	76(1925)
Max. diameter, inch (mm)	41(1050)
Discharge, inch (mm)	10(250)
Strainer opening Ø, inch (mm)	1(25)

Models:

N: Normal pressure.

Classification

Submersible electric pump

Electric motor

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

Motor protection

Thermo-contacts in the winding
Protection: IP 68

Cable

2 cables 4G25+2Gx1.5 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: Double row ball bearing C3
Upper: Ball bearing C3

Discharge connection

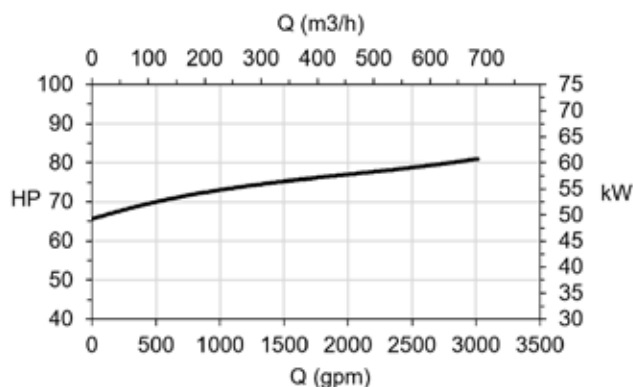
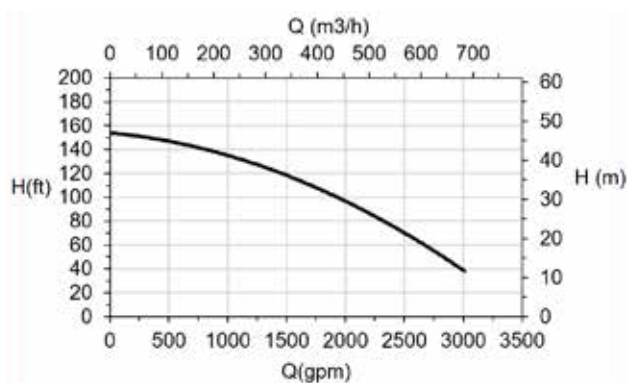
10" ANSI 150 lb.

Limitations

Maximum submersion: 20 m (66 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.
Casing: Nodular Cast iron.
Volute: Chrome Steel.
Shaft: Stainless Steel
Screws/Nuts: Stainless Steel



*Specifications may be modified without prior notice.