

Bronco 33HD SS

Electric submersible slurry pumps

60 Hz

referential image



Electric submersible slurry pump, available in various cast iron and stainless-steel alloys. For operation in mines and industries that handle abrasive solids and slurries.

60 Hz	MD
Power, HP (kW)	40(30)
Voltage	460-600
Nominal Current, A	49.6-38
Weight, lb (kg)	1400(635)
Max. height, inch (mm)	48.2(1224)
Max. diameter, inch (mm)	28.5(724)
Discharge, inch (mm)	4(100)
Strainer opening Ø, inch (mm)	1.38(35)

Models:

HD: Heavy Duty

Classification

Submersible slurry pump

Electric motor

Three-phase squirrel cage motor
Speed: 1180 RPM
Insulation class: H
Start: Direct, Star-Delta

Motor protection

Thermo-contacts in the winding
Protection: IP 68

Cable

2 cables 4G10 + 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.
Rotary seal material: silicon carbide.
Stationary seal material: silicon carbide.
Elastomers: Viton.

Discharge connection

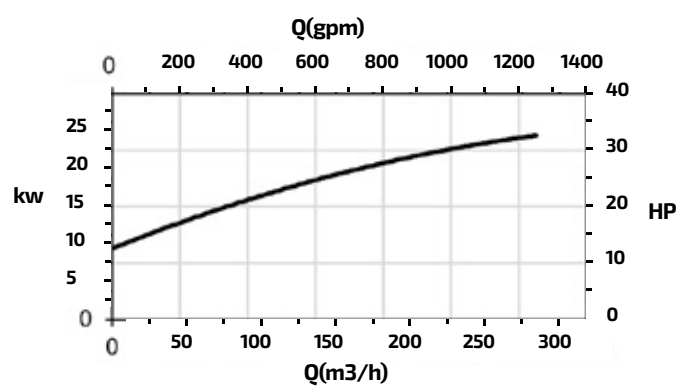
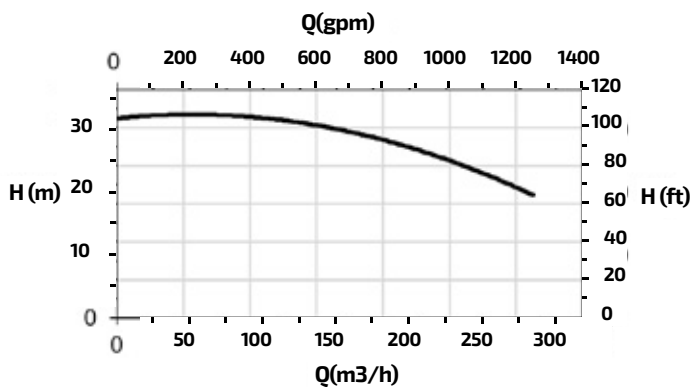
4" Flange ANSI 150 lb. (*)

Limitations

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

Available materials

Cover: Stainless Steel.
Strainer: Stainless Steel.
Impeller: Stainless Steel duplex.
Agitator: Stainless Steel duplex.
Wear plate: Stainless Steel duplex.
Cover suction: Stainless Steel.
Casing/volute: Stainless Steel
Shaft: Stainless Steel.
Screws/Nuts: Stainless Steel.



*Specifications may be modified without prior notice.