

Bronco 66HD 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)	80(60)
Voltage	460-600
Nominal Current, A	79-61
Weight, lb (kg)	2655(1207)
Max. height, inch (mm)	64(1625)
Max. diameter, inch (mm)	31.5(800)
Discharge, inch (mm)	6(150)
Strainer opening Ø, inch (mm)	2(50)

Models:

HD: Heavy Duty

Classification

Submersible slurry pump

Electric motor

Three-phase squirrel cage motor
 Speed: 1150 RPM
 Insulation class: H
 Start: Star-Delta, Soft Starter

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.
 Rotary seal material: silicon carbide.
 Stationary seal material: silicon carbide.
 Elastomers: Viton.

Discharge connection

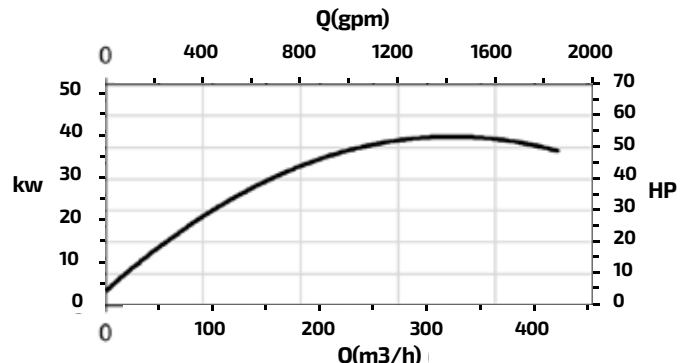
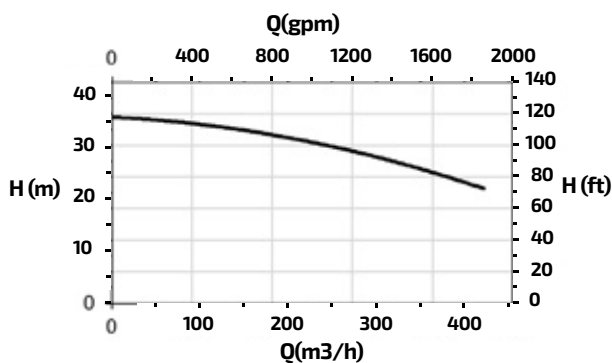
6" Flange ANSI 150 lb. (*)

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.