

# Bronco 9MD SS

Electric submersible slurry pumps

50 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.

50 Hz	MD
Power, HP (kW)	7.5(5.6)
Voltage	380-500
Nominal Current, A	15.7-12
Weight, lb (kg)	388(176)
Max. height, inch (mm)	32(806)
Max. diameter, inch (mm)	15(380)
Discharge, inch (mm)	3-4 (75-100)
Strainer opening Ø, inch (mm)	1(25.4)

## Models:

MD: Medium Duty

## Classification

Submersible slurry pump

## Electric motor

Three-phase squirrel cage motor  
Speed: 1450 RPM  
Insulation class: H  
Start: Direct

## Motor protection

Thermo-contacts in the winding  
Protection: IP 68

## Cable

4G10 + 2x1.5mm<sup>2</sup>, 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

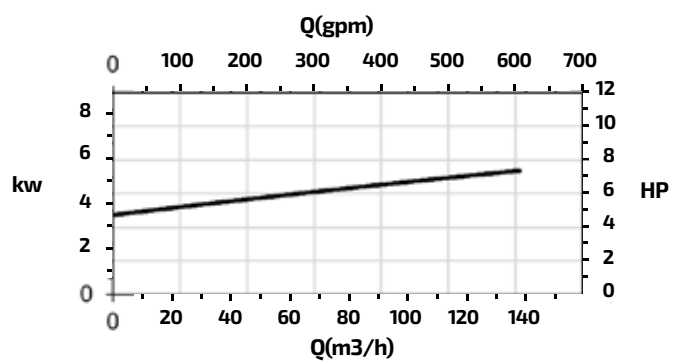
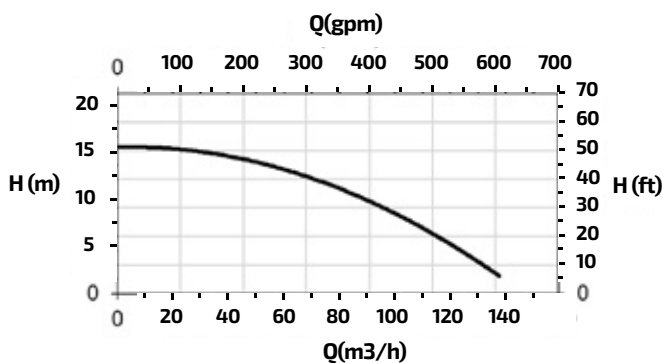
3" – 4" (\*)

## 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.