

# Bronco 66MD

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)	63(47)
Voltage	380-500
Nominal Current, A	117-89
Weight, lb (kg)	2425(1100)
Max. height, inch (mm)	71(1805)
Max. diameter, inch (mm)	34.5(876)
Discharge, inch (mm)	8(200)
Strainer opening Ø, inch (mm)	1.4(36)

## Models:

MD: Medium Duty

## Classification

Submersible slurry pump

## Electric motor

Three-phase squirrel cage motor  
Speed: 1450 RPM  
Insulation class: H  
Start: Star-Delta, Soft Starter

## Motor protection

Thermo-contacts in the winding  
Protection: IP 68

## Cable

4G35 + 2x1.5mm<sup>2</sup>, 20m (66 ft) (\*)  
This pump must be connected to an external control panel with adequate protection.

## Mechanical seals

Double mechanical seal in the oil chamber.  
Rotary seal material: silicon carbide.  
Stationary seal material: silicon carbide.  
Elastomers: Viton.

## Discharge connection

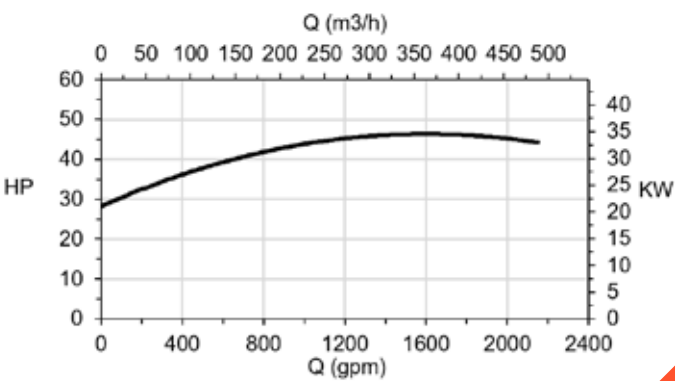
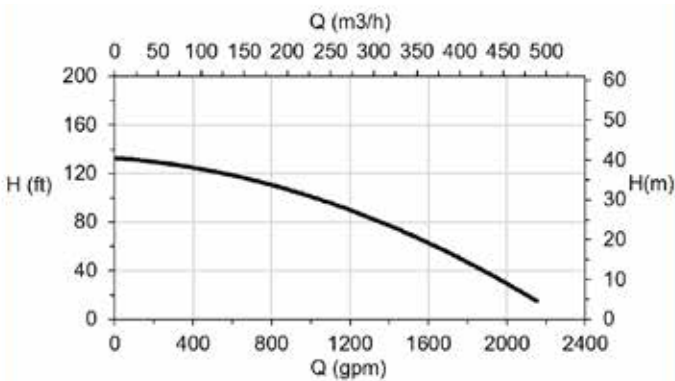
8". (\*)

## 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.  
Strainer: Carbon Steel.  
Impeller: High Chrome Steel.  
Agitator: High Chrome Steel.  
Wear plate: High Chrome Steel.  
Cover suction: Nodular Cast iron.  
Casing/volute: Nodular Cast iron.  
Shaft: Stainless Steel  
Screws/Nuts: Stainless Steel



\*Specifications may be modified without prior notice.