

# Bronco 5MD

Electric submersible slurry pump

50 Hz

\*Referential image  
Also available in a stainless steel version.



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

50 Hz	MD
Power, [kW / HP]	3,6 / 5
Voltage,V	380 / 400 / 500
Nominal current, A	7,7 / 7,3 / 5,8
Weight, kg	46
Max. height, mm	380
Max. width, mm	265
Discharge, in.	3"
Strainer opening Ø,mm	18

## Modelo:

MD: Medium Duty

## Classification

Submersible slurry pump.

## Electric motor

Three-phase squirrel cage motor  
Speed: 2950 RPM  
Insulation class: H  
Start: Direct  
Max. number of starts per hour: 12

## Motor protection

Three-phase squirrel cage motor  
Protection: IP 68

## Cable

4Gx2.5mm<sup>2</sup>+ 2x1mm<sup>2</sup>, 20m(\*)

## Mechanical seals

Mechanical seal in oil chamber.  
Rotary seal material: silicon carbide.  
Stationary seal: carburo de silicio.  
Elastomers: Viton.

## Discharge connection

3"

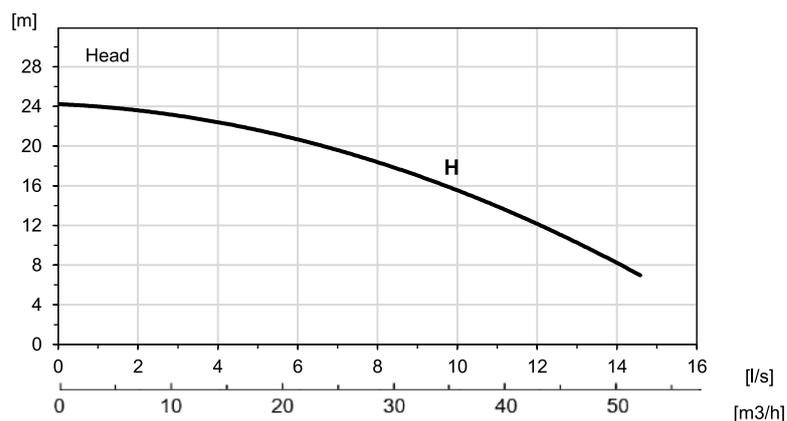
## Limitations

Maximum submersion: 20 m.  
Maximum liquid temperature: 40 °C (104 °F)  
Liquid pH range: 6 – 11.

## Available materials

Cover: Cast iron.  
External cover: Cast iron.  
Strainer: Carbon steel.  
Impeller: High chrome steel / Stainless steel.  
Volute: Cast iron+ PU.  
Shaft: Stainless steel AISI 431.  
Screws/ Nuts: Stainless steel.

This pump must be connected to an external electrical cabinet with adequate protections.



\*Specifications may be modified without prior notice.