

Bronco 33MD

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)	33(24.6)
Tension, V	380-500
Nominal Current, A	50-38
Weight, lb (kg)	1146(520)
Max. height, inch (mm)	51.6(1310)
Max. diameter, inch (mm)	21.6(549)
Discharge, inch (mm)	4 – 6(100-150)
Strainer opening Ø, inch (mm)	1.5(38)

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 + 2x1.5mm², 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

4" – 6" (*)

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: Stainless 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.

