

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)
Tension, V	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 + 2x1.5mm², 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

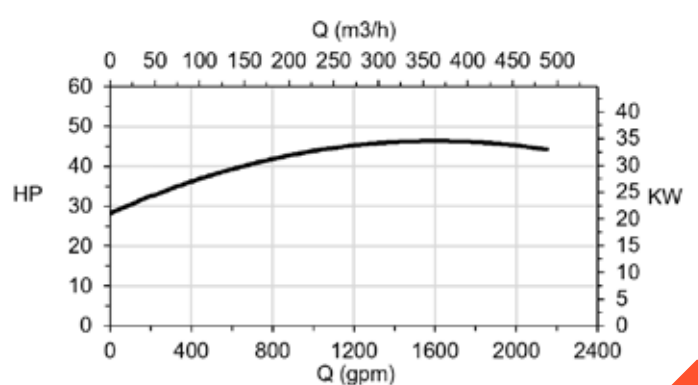
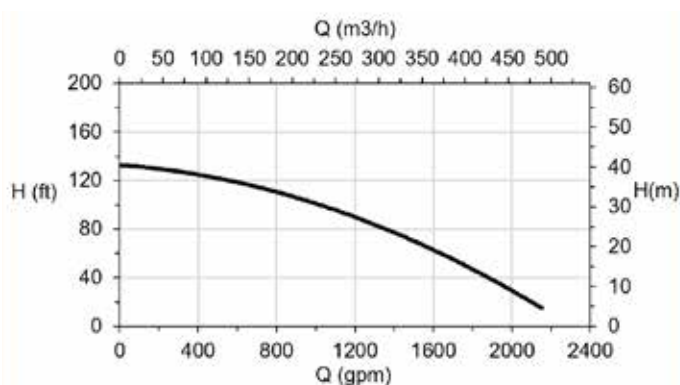
8" (*)

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: 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.