

Bronco 66HD

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) | 67(50) |
| Voltage | 380-500 |
| Nominal Current, A | 96-73 |
| Weight, lb (kg) | 2414(1095) |
| Max. height, inch (mm) | 64(1625) |
| Max. diameter, inch (mm) | 31.5(800) |
| Discharge, inch (mm) | 6(150) |
| Strainer opening Ø, inch (mm) | 2(50) |

Models:

HD: Heavy Duty

Classification

Submersible slurry pump

Electric motor

Three-phase squirrel cage motor
 Speed: 989 RPM
 Insulation class: H
 Start: Star-Delta, Soft Starter

Motor protection

Thermo-contacts in the winding
 Protection: IP 68

Cable

2 cables 4G16 + 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

6" Flange ANSI 150 lb. (*)

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.

