

Bronco 33HD

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)
Voltage	380-500
Nominal Current, A	59-38
Weight, lb (kg)	1146(520)
Max. height, inch (mm)	48.2(1224)
Max. diameter, inch (mm)	28.5(724)
Discharge, inch (mm)	4(100)
Strainer opening Ø, inch (mm)	1.38(35)

Models:

HD: Heavy Duty

Classification

Submersible slurry pump

Electric motor

Three-phase squirrel cage motor
 Speed: 985 RPM
 Insulation class: H
 Start: Direct, Star-Delta

Motor protection

Thermo-contacts in the winding
 Protection: IP 68

Cable

2 cables 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

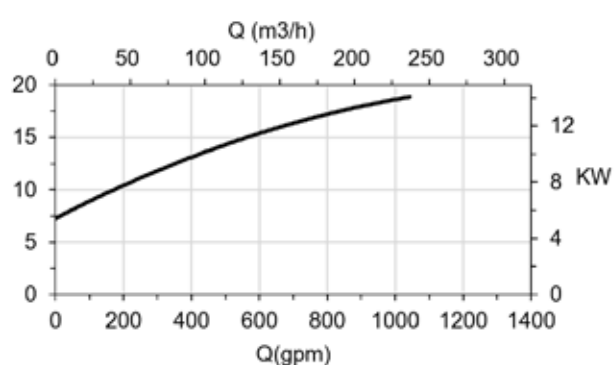
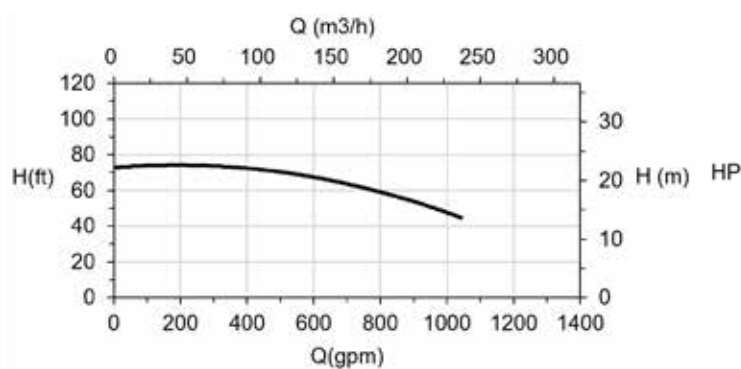
4" Flange ANSI 150 lb. (*)

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.