

Bronco 99HD

Electric submersible slurry pumps

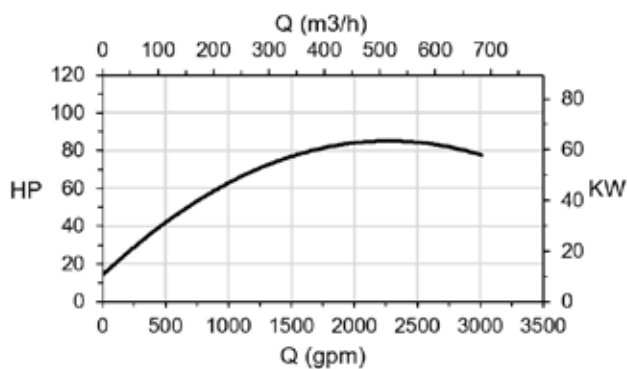
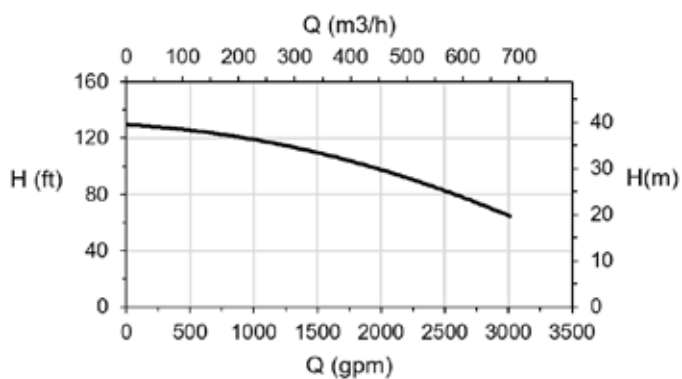
50 Hz

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)	105(78)
Voltage	380-500
Nominal Current, A	218-166
Weight, lb (kg)	4187(1900)
Max. height, inch (mm)	73.8(1875)
Max. diameter, inch (mm)	49.2(1250)
Discharge, inch (mm)	8(200)
Strainer opening Ø, inch (mm)	2.36(60)



Models:

HD: Heavy Duty

Classification

Submersible slurry pump

Electric motor

Three-phase squirrel cage motor
Speed: 950 RPM
Insulation class: H
Start: Soft Starter

Motor protection

Thermo-contacts in the winding
Protection: IP 68

Cable

2 cables 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" 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.