

FEATURES

1. Wet End

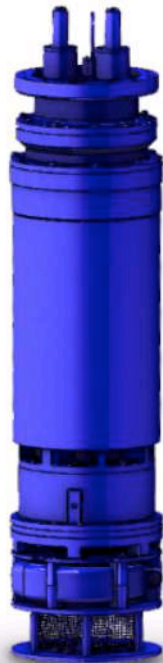
- Balanced hydraulic design for maximized efficiency and extended wear life of all components.
- CD4MCu construction assures long life of wet end components in combined corrosive/erosive applications.
- Tangential discharge nozzle design assures maximum fluidizing effectiveness with compact geometry.

2. Premium Efficiency Submersible Motor

- Inverter duty, air-filled, copper-wound motor (TENV).
- UL-N83, Class N winding system – stator operating temperatures to 200° C.
- 316 S. S. shaft designed for superior rigidity.
- Winding thermostats and mechanical seal sensors offer early warning motor protection.

3. Slurry Mechanical Seal

- Dual seal design with silicon carbide mating faces.
- Housed in a separate seal chamber with barrier fluid lubricating both faces.
- External labyrinth seal and seal relief port protect the seal from slurry intrusion.



SPECIFICATIONS

Motor Size

Discharge Diameter

Discharge Configuration

Maximum Solids Diameter

Rated Capacity

Motor Nomenclature

Type / Speed / HZ

Voltage / Phase

Service Factor

Insulation

Cable

Operation Mode

Materials of Construction

Casing

Impeller

Wear Plate

Shaft

Motor Housing

Fasteners

Mechanical Seal

Upper Seat

Upper Rotator

Lower Seat

Lower Rotator

Elastomers

Labyrinth Seal

Barrier Fluid

Bearings

Thrust

Radial

Lubrication

200 BHP

2"

Tangentially opposed nozzles

3/8"

1950 USGPM @ 160 feet TH

TENV Air Filled / 1800 RPM / 60 HZ

460 V / 3 Phase

1.15

Class N

Firewall III – 50 ft. length

D.O.L. or V.F.D.

CD4MCu

CD4MCu

CD4MCu

316 Stainless Steel

Class 30 Grey Iron

18/8 Stainless Steel

Silicon Carbide

Silicon Carbide

Silicon Carbide

Silicon Carbide

EPDM

316 Stainless Steel

Mobil / Synturion 6

Double Angular Contact

Deep Groove Ball Bearing

Permanently Lubricated with

Shell / Stamina RLS2

ORDER DETAILS

Model: SBMX2S200-4T4-15.0

Part Number: G24722