

DURABLE. RELIABLE. DEPENDABLE.



HEAVY-DUTY SUBMERSIBLE
EVEN WEAR SLURRY PUMP

SBEW
SERIES

SPECIFICATIONS

FEATURES

1. Enclosed Impeller

- Even wear components.
- Balanced hydraulic design for extended and even wear life of components.
- 28% High Chrome 650+ Brinell hardness assures long life of impeller, wear plate and casing.

2. Slurry Mechanical Seal

- Dual seals of Silicon Carbide vs. Silicon Carbide running without the need for flush water.
- The motor is further protected by a labyrinth seal and a seal relief port.

3. Premium Efficiency Submersible Motor

- Inverter-duty, air-filled copper-wound/formed motor.
- Class H insulation.
- Extended dry run capabilities when sized appropriately for the application.



SPECIFICATIONS

Horsepower

Discharge Size

Performance Range

Capacity

Head

Solids Handling

Motor Nomenclature

Type / Speed / HZ

Voltage / Phase

Service Factor

Insulation

Cable Length

Maximum Water Temperature

Operation Mode

Materials of Construction

Casing

Impeller

Wear Plate

Shaft

Bearing Housing

Fasteners

Impeller Type

Mechanical Seal

Upper Seat

Upper Rotator

Lower Seat

Lower Rotator

Elastomers

Labyrinth Seal

Lubrication

Bearings

Thrust

Radial

Lubrication

Accessories

15 - 500 HP

3" - 8"

250 - 6000 US GPM

50' - 350' TH

1" to 3-1/4" Particle Size

TENV Air-Filled / 890 to 1180
RPM / 60 HZ

460, 575 V / 3 Phase

1.15

Class H

33' (Length option available)

180° F

Synchronous Speed or V.F.D.

28% High Chrome 650+ Brinell
Hardness

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Hardness

28% High Chrome 650+ Brinell
Hardness

416 Stainless Steel

Cast Iron

316 Stainless Steel

Enclosed

Silicon Carbide

Silicon Carbide

Silicon Carbide

Silicon Carbide

Viton

Cast Steel

Mobil / Synturion 6

Double Angular Contact

Deep Groove Ball Bearing

Permanently Lubricated with
Mobil SHC Polyrex 222

Agitators / Discharge Hose /

Variable Speed / Urethane

Coating / Elbows in Steel or High

Chrome / Control Panels /

Moisture and Thermal Protection

/ Rafts

**Built to handle the most
severe slurry applications
where others fail.**

