

FEATURES

1. Semi-Open Impeller

- Adjustable wear plate increases wear life when pumpage contains heavy abrasive particles.
- 28% High Chrome 650+ Brinell hardness assures long life of impeller, wear plate and casing.

2. Slurry Mechanical Seal

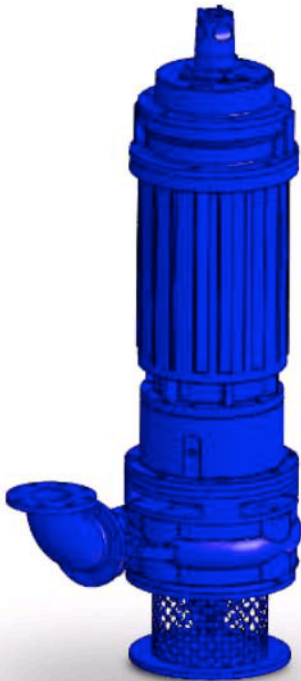
- Dual seals of Silicon Carbide vs. Silicon Carbide running without the need for flush water.
- The motor is further protected by a labyrinth seal and a seal relief port.

3. Premium Efficiency Submersible Motor

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

4. Spray Holes

- Spray holes are standard on every SBLH series pump.
- An agitator is optional for thick, heavy slurries.



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

Motor Housing

Fasteners

Impeller Type

Mechanical Seal

Upper Seat

Upper Rotator

Lower Seat

Lower Rotator

Elastomers

Labyrinth Seal

Lubrication

Bearings

Thrust

Radial

Lubrication

Accessories

15 - 150 HP

3" - 8"

100 - 3400 US GPM

10' - 140' TH

1-3/8" to 2-1/2" Particle Size

TENV Air-Filled / 1180 to 1780

RPM / 60 HZ

469, 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

416 Stainless Steel

Cast Iron

316 Stainless Steel

Semi-Open

Silicon Carbide

Silicon Carbide

Silicon Carbide

Silicon Carbide

Viton

316 Stainless Steel / Bronze

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. No
more vacuum pumps.**