

## 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

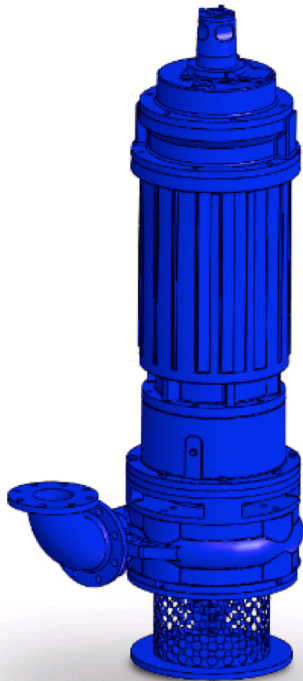
- Dual seals of Silicon Carbide vs. Silicon Carbide running without the need for flush water.
- The motor is further protected by a labyrinth seal and a seal relief port.

### 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

## STANDARD

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

28% High Chrome 650+ Brinell  
Hardness

28% High Chrome 650+ Brinell  
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.**