

DURABLE. RELIABLE. DEPENDABLE.



HEAVY-DUTY SUBMERSIBLE LOW HEAD SLURRY PUMP

**SBLH
SERIES**

SPECIFICATIONS

FEATURES

- Heavy duty semi-open impeller for pumping abrasive solids.
- 28% High Chrome 650+ Brinell hardness assures long life of impeller, wear plate and casing.
- Dual seals of Silicon Carbide vs. Silicon Carbide Seals run in bath of barrier fluid which removes the need for flush water
- Inverter-duty, air-filled, copper-wound motor (TENV) for use on VFD's.
- Class H insulation.
- Extended run dry capabilities when sized appropriately for the application.
- Spray holes are standard on every SBLH series pump.
- An agitator is optional for thick, heavy slurries.
- Seal relief port decreases pressure exposed to seal.
- Large Diameter shafts to increase seal and bearing life with minimal deflection
- Maximum material thickness of liquid end parts to maximize service life



SPECIFICATIONS

Horsepower	15 - 500 HP
Discharge Size	3" – 8"
Max Particle Size	4-1/2"
Performance Range	
Capacity	100 - 6250 US GPM
Head	10' – 140' TH
Motor Nomenclature	
Type / Speed / HZ	TENV Air-Filled / 900 to 1800 RPM / 60 HZ
Voltage / Phase	460, 575 V / 3 Phase
Service Factor	1.15
Insulation	Class H
Cable Length	33' (Length option available)
	Custom Voltage and Frequency upon request
Maximum Water Temperature	180° F
Materials of Construction	
Casing	28% High Chrome 650+ Brinell Hardness
Impeller	28% High Chrome 650+ Brinell Hardness
Wear Plate	28% High Chrome 650+ Brinell Hardness
Shaft	416 Stainless Steel
Motor Housing	Cast Iron
Fasteners	18-8 Stainless Steel
Impeller Type	Semi-Open
Mechanical Seal	
Seal Faces	Silicon Carbide
Elastomers	Viton
Labyrinth Seal	Stainless Steel/Cast Iron
Lubrication	Mobil / Synturion 6
Bearings	
Thrust	Angular Contact Ball Bearing
Radial	Deep Groove Ball Bearing
Lubrication	Permanently Lubricated with Mobil SHC Polyrex 222
Accessories	Agitators / Discharge Hose / Elbows / Control Panels / Moisture and Thermal Protection / Rafts / Spray Rings / Water Jackets / Cable Protector
Applications	Sand, gravel, tailings, pellets, coal fines, and ash for mining Power generation, aggregate and more.

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

