

DURABLE. RELIABLE. DEPENDABLE.



HEAVY-DUTY SUBMERSIBLE GENERATION THREE SLURRY PUMP

**SBGT
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.
- Double mechanical seal with Silicon Carbide vs. Silicon Carbide seal faces running in a barrier fluid for lubrication and cooling.
- 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 minimize deflection and maximize seal life.
- Maximum material thickness of liquid end parts to maximize service life



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
 Seal Faces
 Elastomers
 Labyrinth Seal
 Lubrication
Bearings
 Thrust
 Radial
Lubrication
Accessories

STANDARD

5 - 500 HP
 2" – 6"
 100 - 3000 US GPM
 40' – 300' TH
 1" to 3" Particle Size
 TENV Air-Filled / 900 to 1800 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
 28% High Chrome 650+ Brinell Hardness
 28% High Chrome 650+ Brinell Hardness
 416 Stainless Steel
 Cast Iron
 18-8 Stainless Steel
 Semi-Open
 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
where others fail.**

