

DURABLE. RELIABLE. DEPENDABLE.



HEAVY-DUTY SUBMERSIBLE GENERATION THREE SLURRY PUMP

**SBGT
SERIES**

SPECIFICATIONS

FEATURES	SPECIFICATIONS	STANDARD
<p>1. Semi-Open Impeller</p> <ul style="list-style-type: none"> Balanced hydraulic design for extended life of all components. 28% High Chrome 650+ Brinell hardness assures long life of impeller, wear plate and casing. Back pull out design. <p>2. Slurry Mechanical Seal</p> <ul style="list-style-type: none"> 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 <p>3. Premium Efficiency Submersible Motor</p> <ul style="list-style-type: none"> Inverter-duty, air-filled, copper-wound motor (TENV). Class H insulation. Extended run dry capabilities when sized appropriately for the application. <p>4. Replaceable Flanges</p> <ul style="list-style-type: none"> Flanges are made from mild steel to prevent the high chrome fittings from cracking. 	<p>Horsepower</p> <p>Discharge Size</p> <p>Performance Range</p> <p>Capacity</p> <p>Head</p> <p>Solids Handling</p> <p>Motor Nomenclature</p> <p>Type / Speed / HZ</p> <p>Voltage / Phase</p> <p>Service Factor</p> <p>Insulation</p> <p>Cable Length</p> <p>Maximum Water Temperature</p> <p>Operation Mode</p> <p>Materials of Construction</p> <p>Casing</p> <p>Impeller</p> <p>Wear Plate</p> <p>Shaft</p> <p>Motor Housing</p> <p>Fasteners</p> <p>Impeller Type</p> <p>Mechanical Seal</p> <p>Upper Seat</p> <p>Upper Rotator</p> <p>Lower Seat</p> <p>Lower Rotator</p> <p>Elastomers</p> <p>Labyrinth Seal</p> <p>Lubrication</p> <p>Bearings</p> <p>Thrust</p> <p>Radial</p> <p>Lubrication</p> <p>Accessories</p>	<p>5 - 500 HP</p> <p>2" - 4"</p> <p>100 - 3000 US GPM</p> <p>40' - 300' TH</p> <p>1" to 3" Particle Size</p> <p>TENV Air-Filled / 890 to 1800 RPM / 60 HZ</p> <p>460, 575 V / 3 Phase</p> <p>1.15</p> <p>Class H</p> <p>33' (Length option available)</p> <p>180° F</p> <p>Synchronous Speed or V.F.D.</p> <p>28% High Chrome 650+ Brinell Hardness</p> <p>28% High Chrome 650+ Brinell Hardness</p> <p>28% High Chrome 650+ Brinell Hardness</p> <p>416 Stainless Steel</p> <p>Cast Iron</p> <p>316 Stainless Steel</p> <p>Semi-Open</p> <p>Silicon Carbide</p> <p>Silicon Carbide</p> <p>Silicon Carbide</p> <p>Silicon Carbide</p> <p>Viton</p> <p>316 Stainless Steel / Bronze</p> <p>Mobil / Synturion 6</p> <p>Double Angular Contact</p> <p>Deep Groove Ball Bearing</p> <p>Permanently Lubricated with Mobil SHC Polyrex 222</p> <p>Agitators / Discharge Hose / Variable Speed / Urethane Coating / Elbows in Steel or High Chrome / Control Panels / Moisture and Thermal Protection / Rafts</p>
	<p>The heaviest duty submersible pump in the industry. Built to handle the most severe slurry applications where others fail.</p>	