

DURABLE. RELIABLE. DEPENDABLE.

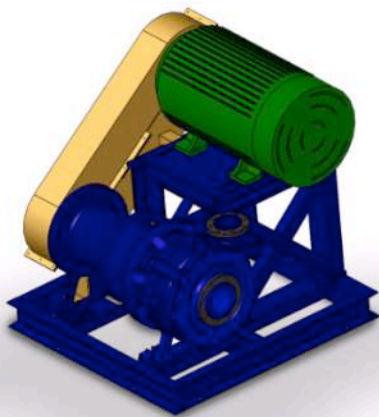


HEAVY-DUTY HORIZONTAL BELT DRIVE EVEN WEAR SLURRY PUMP

**HBEW
SERIES**

SPECIFICATIONS

FEATURES	SPECIFICATIONS	STANDARD
<p>1. Enclosed Impeller</p> <ul style="list-style-type: none"> Even wear components. Balanced hydraulic design for extended and even wear life of components. 28% High Chrome 650+ Brinell hardness assures long life of impeller, wear plate and casing. <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 dual seal lips. <p>3. Heavy-Duty Wash-Down Motor</p> <ul style="list-style-type: none"> Inverter-duty TEFC, severe service, low voltage motor minimizes the cost of operation. <p>4. No Packing or Leaking Seals</p> <ul style="list-style-type: none"> Mechanical seal is self-contained requiring no adjustments or flush water for lubrication. <p>5. Back Pullout Design for Ease of Maintenance</p>	<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>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>Bearing 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>15 - 50 HP</p> <p>3" - 8"</p> <p>250 - 6000 US GPM</p> <p>50' - 350' TH</p> <p>1" to 3-1/4" Particle Size</p> <p>TEFC / 350 to 1780 RPM / 60 HZ</p> <p>230, 460, 575 V / 3 Phase</p> <p>1.15</p> <p>Class F</p> <p>200° 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>Enclosed</p> <p>Silicon Carbide</p> <p>Silicon Carbide</p> <p>Silicon Carbide</p> <p>Silicon Carbide</p> <p>Viton</p> <p>Cast Steel</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>



This pump is recommended for use in severe slurry applications where impellers, wear plates and casings continuously fail.

