

# DURABLE. RELIABLE. DEPENDABLE.



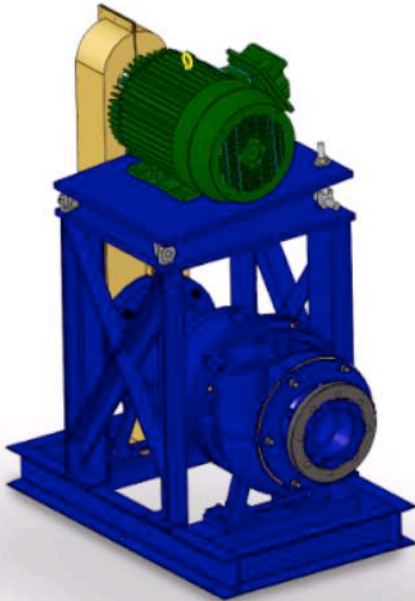
## HEAVY-DUTY HORIZONTAL BELT DRIVE LOW HEAD SLURRY PUMP

**HBLH  
SERIES**

## SPECIFICATIONS

### 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 dual seal lips.
- 3. Heavy-Duty Wash-Down Motor**
  - Inverter-duty TEFC, severe service, low voltage motor minimizes the cost of operation.
- 4. No Packing or Leaking Seals**
  - Mechanical seal is self-contained, requiring no adjustments or flush water for lubrication.



### SPECIFICATIONS

<b>Horsepower</b>	15 - 200 HP
<b>Discharge Size</b>	3" - 8"
<b>Performance Range</b>	
Capacity	100 - 3400 US GPM
Head	10' - 140' TH
<b>Solids Handling</b>	1-3/8" to 2-1/2" Particle Size
<b>Motor Nomenclature</b>	
Type / Speed / HZ	TEFC / 890 to 1780 RPM / 60 HZ
Voltage / Phase	230, 460, 575 V / 3 Phase
Service Factor	1.15
Insulation	Class F
<b>Maximum Water Temperature</b>	200° F+
<b>Operation Mode</b>	Belt Drive and V.F.D.
<b>Materials of Construction</b>	
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
Bearing Housing	Cast Iron
Fasteners	316 Stainless Steel
<b>Impeller Type</b>	Semi-Open
<b>Mechanical Seal</b>	
Upper Seat	Silicon Carbide
Upper Rotator	Silicon Carbide
Lower Seat	Silicon Carbide
Lower Rotator	Silicon Carbide
Elastomers	Viton
Labyrinth Seal	Cast Steel
Lubrication	Mobil / Synturion 6
<b>Bearings</b>	
Thrust	Double Angular Contact
Radial	Deep Groove Ball Bearing
<b>Lubrication</b>	Permanently Lubricated with Mobil SHC Polyrex 222
<b>Accessories</b>	Agitators / Discharge Hose / Variable Speed / Urethane Coating / Elbows in Steel or High Chrome / Control Panels / Moisture and Thermal Protection / Rafts

**Eliminate packing and seal problems with this pump.  
Mate your existing liquid end with our power frame.**

