

DURABLE. RELIABLE. DEPENDABLE.



HEAVY-DUTY HORIZONTAL BELT DRIVE EVEN WEAR SLURRY PUMP

**HBEW
SERIES**

SPECIFICATIONS

FEATURES

- Heavy duty closed 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 TEFC, severe service, low voltage motor minimizes the cost of operation.



SPECIFICATIONS

Horsepower
Discharge Size
Performance Range
 Capacity
 Head
Max Particle Size
Motor Nomenclature
 Type / Speed / HZ
 Voltage / Phase
 Service Factor
 Insulation
Maximum Water Temperature
Operation Mode
Materials of Construction
 Casing
 Impeller
 Wear Plate
 Shaft
 Bearing Housing
 Fasteners
Impeller Type
Mechanical Seal
 Seal Faces
 Elastomers
 Labyrinth Seal
 Lubrication
Bearings
 Thrust
 Radial
Lubrication
Accessories

STANDARD

15 - 800 HP
 3" – 8"
 250 - 6000 US GPM
 50' – 350' TH
 3-1/4"
 TEFC / 900 to 1800 RPM / 60 HZ
 230, 460, 575 V / 3 Phase
 1.15
 Class F
 200° F+
 Synchronous Speed or V.F.D.
 28% High Chrome 650+ Brinell Hardness
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 416 Stainless Steel
 Stainless Steel/Cast Iron
 18-8 Stainless Steel
 Enclosed
 Silicon Carbide
 Viton
 Cast Steel
 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

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

