

DURABLE. RELIABLE. DEPENDABLE.



HEAVY-DUTY VERTICAL C-FACE EVEN WEAR SLURRY PUMP

VCEW
SERIES

SPECIFICATIONS

FEATURES

- 1. Enclosed Impeller**
 - 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.
- 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 C-Face Motor**
 - C-Face 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

Horsepower
Discharge Size
Performance Range
 Capacity
 Head
Solids Handling
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
 Upper Seat
 Upper Rotator
 Lower Seat
 Lower Rotator
 Elastomers
 Labyrinth Seal
 Lubrication
Bearings
 Thrust
 Radial
Lubrication
Accessories

STANDARD

15 - 500 HP
 3" - 8"
 250 - 6000 US GPM
 50' - 350' TH
 1" to 3-1/4" Particle Size
 C-Face TEFC / 350 to 1780 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
 Cast Iron
 316 Stainless Steel
 Enclosed
 Silicon Carbide
 Silicon Carbide
 Silicon Carbide
 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 continually fail. Space saver!

