

DURABLE. RELIABLE. DEPENDABLE.



HEAVY-DUTY VERTICAL C-FACE LOW HEAD SLURRY PUMP

VCLH
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 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

15 - 200 HP

3" - 8"

100 - 3400 US GPM

10' - 140' TH

1-3/8" to 2-1/2" Particle Size

C-Face TEFC / 890 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

Semi-Open

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

**Mount vertically where
space saving is required.**

