

DURABLE. RELIABLE. DEPENDABLE.



HEAVY-DUTY VERTICAL C-FACE LOW HEAD SLURRY PUMP

**VCLH
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.
- Large Diameter shafts to increase seal and bearing life with minimal deflection.
- C-Face 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 - 500 HP

3" – 8"

100 - 6250 US GPM

10' – 140' TH

4-1/2"

C-Face 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

Cast Iron

18-8 Stainless Steel

Semi-Open

Silicon Carbide

Viton

Stainless Steel/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.**

