

DURABLE. RELIABLE. DEPENDABLE.



**HEAVY-DUTY MONO BLOC
VERTICAL EVEN WEAR
DRY PIT SLURRY PUMP**

**MVEW
SERIES**

SPECIFICATIONS

FEATURES

- Heavy duty closed impeller for pumping abrasive solids.
- Wear plate, impeller and casing are made from 28% High Chrome.
- Double mechanical seal with Silicon Carbide vs. Silicon Carbide seal faces running in a barrier fluid for lubrication and cooling.
- Inverter-duty, air-filled, copper-wound motor.
- Class H insulation.



SPECIFICATIONS

Horsepower

Discharge Size

Performance Range

Capacity

Head

Max Particle Size

Motor Nomenclature

Type / Speed / HZ

Voltage / Phase

Service Factor

Insulation

Cable Length

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 – 6,000 US GPM

50' – 350' TH

3-1/4"

TENV Air-Filled / 900 to 1800 RPM / 60 HZ

460, 575 V / 3 Phase

1.2

Class H

33' (Length option available)

180° F+

Synchronous Speed or V.F.D.

28% High Chrome 650+ Brinell Hardness

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416 Stainless Steel

Cast Iron 3/8" Minimum

Thickness

18-8 Stainless Steel

Enclosed

Silicon Carbide

Viton

Stainless Steel/Cast Steel

Mobil / Synturion 6

Double Angular Contact

Deep Groove Ball Bearing

Permanently Lubricated with

Mobil SHC Polyrex 222

Discharge Hose / Urethane

Coating / Elbows in Steel or

High Chrome / Control Panels

/ Moisture and Thermal

Protection / Float Controls /

Rafts

Mount vertically outside the tank where there is a possibility of flooding.

