DURABLE. RELIABLE. DEPENDABLE.

GPM Eliminator SOLID PUMPING SOLUTIONS

HEAVY-DUTY MONO BLOC VERTICAL GENERATION THREE DRY PIT SLURRY PUMP | **MVGT SERIES** | **SPECIFICATIONS**

FEATURES

- Heavy duty semi-open 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.
- Maximum material thickness of liquid end parts to maximize service life.

SPECIFICATIONS / STANDARD

Horsepower	5 – 500 HP
Discharge Size	2” – 6”
Performance Range	
Capacity	100 – 3,000 US GPM
Head	40’ – 300’ TH
Max Particle Size	3”
Motor Nomenclature	
Type / Speed / HZ	TENV Air-Filled / 900 to 1800 RPM / 60 HZ
Voltage / Phase	460, 575 V / 3 Phase
Service Factor	1.2
Insulation	Class H
Cable Length	33’ (Length option available)
Maximum Water Temperature	180° F+
Operation Mode	Synchronous Speed or V.F.D.
Materials of Construction	
Casing	28% High Chrome 650+ Brinell Hardness
Impeller	28% High Chrome 650+ Brinell Hardness
Wear Plate	28% High Chrome 650+ Brinell Hardness
Shaft	416 Stainless Steel
Bearing Housing	Cast Iron 3/8” Minimum Thickness
Fasteners	18-8 Stainless Steel
Impeller Type	Enclosed
Mechanical Seal	
Seal Faces	Silicon Carbide
Elastomers	Viton
Labyrinth Seal	Stainless Steel/Cast Steel
Lubrication	Mobil / Synturion 6
Bearings	
Thrust	Double Angular Contact
Radial	Deep Groove Ball Bearing
Lubrication	Permanently Lubricated with Mobil SHC Polyrex 222
Accessories	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.

GPM INC. SOLUTIONS DRIVEN

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