### 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.
- Inverter-duty TEFC, severe service, low voltage motor minimizes the cost of operation.
- Thrust bearing support is in close proximity to impeller to minimize shaft deflection.

### SPECIFICATIONS

#### Horsepower
- 15 - 500 HP

#### Discharge Size
- 3" – 8"

#### Performance Range
- **Capacity**
  - 100 - 6250 US GPM
- **Head**
  - 10" – 140" TH
  - 4-1/2"

#### Max Particle Size
- 4 - 1/2"

#### Motor Nomenclature
- **Type / Speed / HZ**
  - TEFC / 900 to 1800 RPM / 60 HZ
  - 230, 460, 575 V / 3 Phase
- **Service Factor**
  - 1.15
- **Insulation**
  - Class F

#### Maximum Water Temperature
- 200°F+

#### Operation Mode
- Belt Driver and 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 Steel
- **Fasteners**
  - 18-8 Stainless Steel
- **Impeller Type**
  - Semi-Open
- **Mechanical Seal**
  - Silicon Carbide
  - Viton
  - Stainless Steel/Cast Steel
  - Mobil / Synturion 6
- **Lubrication**
  - 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

### STANDARD

- Belt Driver and V.F.D.

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**Pumps are available for up to 20’ sumps. Eliminates tail pipes and flush water.**