FEATURES

- Heavy duty semi-open impeller for pumping abrasive solids.
- 28% High Chrome 650+ Brinell hardness assures long life of impeller, wear plate and casing.
- Dual seals of Silicon Carbide vs. Silicon Carbide seals run in bath of barrier fluid which removes the need for flush water.
- Inverter-duty, air-filled, copper-wound motor (TENV) for use on VFD’s.
- Class H insulation.
- Inverter-duty, air-filled, copper-wound motor.
- Large Diameter shafts to increase seal and bearing life with minimal deflection.
- Maximum material thickness of liquid end parts to maximize service life.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Horsepower</th>
<th>5 - 500 HP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discharge Size</td>
<td>2” – 6”</td>
</tr>
<tr>
<td>Performance Range</td>
<td>100 - 3000 US GPM</td>
</tr>
<tr>
<td>Capacity</td>
<td>40’ – 300’ TH</td>
</tr>
<tr>
<td>Head</td>
<td>3”</td>
</tr>
<tr>
<td>Max Particle Size</td>
<td></td>
</tr>
<tr>
<td>Motor Nomenclature</td>
<td>TENV Air-Filled / 900 to 1800 RPM / 60 HZ</td>
</tr>
<tr>
<td>Voltage / Phase</td>
<td>460, 575 V / 3 Phase</td>
</tr>
<tr>
<td>Service Factor</td>
<td>1.15</td>
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<tr>
<td>Insulation</td>
<td>Class H</td>
</tr>
<tr>
<td>Cable Length</td>
<td>33’ (Length option available)</td>
</tr>
<tr>
<td>Maximum Water Temperature</td>
<td>180° F</td>
</tr>
<tr>
<td>Operation Mode</td>
<td>Synchronous Speed or V.F.D.</td>
</tr>
<tr>
<td>Materials of Construction</td>
<td></td>
</tr>
</tbody>
</table>

Casing
- 28% High Chrome 650+ Brinell Hardness

Impeller
- 28% High Chrome 650+ Brinell Hardness

Wear Plate
- 28% High Chrome 650+ Brinell Hardness

Motor Housing
- Cast Iron

Fasteners
- 18-8 Stainless Steel