PUMP SPECIFICATIONS

- **Size**: 4NHTA - 4" discharge x 6" suction with 125# cast iron flanges.
- **Casing**: Cast Iron.
- **Impeller**: Enclosed - 2 vane. Handles 3" diameter solids.
- **Wear Rings**: Replaceable. (Double wear rings available).
- **Seal**: Cornell's patented Cycloseal® design with Run-Dry oil lubrication system. John Crane T-2 single mechanical seal with Viton® elastomers, stainless steel hardware and tungsten- vs. silicon-carbide seal faces for abrasion resistance.
- **Check Valve**: SwingFlex® Val-Matic®.
- **Shaft Sleeve**: Heat treated 416 stainless steel.
- **Bearings**: Heavy duty, grease lubricated, deep groove ball bearings, with a minimum of 50,000 hours bearing life.
- **Hardware**: Stainless steel float linkage. A positive seating vacuum priming valve prevents water carry-over to the vacuum, pump or atmosphere.
- **Vacuum Pump**: - 50 SCFM Maximum.

![Diagram of Pump Components](image)
NOTES:
1. Frame mounting foot thickness is .75".
2. Flange connection dimension can vary ± .12 inch.
3. Do not use for construction unless certified.

PERFORMANCE CURVES

<table>
<thead>
<tr>
<th>Speed</th>
<th>Impeller Dia.</th>
<th>Style</th>
<th>Solids Dia.</th>
<th>Ns</th>
<th>Suction</th>
<th>Discharge</th>
<th>No. vanes</th>
</tr>
</thead>
<tbody>
<tr>
<td>VARIOUS</td>
<td>12&quot;</td>
<td>ENCLOSED</td>
<td>3&quot;</td>
<td>1540</td>
<td>6&quot;</td>
<td>4&quot;</td>
<td>2</td>
</tr>
</tbody>
</table>

**SINGLE VOLUME**

**MOUNTING CONFIG.: F, EM**

*Performance tables are for cold water (60°F). Other liquids or mounting configurations may require performance adjustments.*

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