CMD SERIES™ (COMPOSITE MAG DRIVE)

PVDF CONSTRUCTION | SPUR GEAR PRODUCT LINE

FEATURES & BENEFITS

- Inert composite materials for universal chemical compatibility
- Compact design
- Sealless Mag Drive
- Entirely non-metallic
- High repeatability for chemical metering

CAPACITY

to 20 GPM (75 LPM)

PRESSURE

to 150 PSI (10 BAR)

VISCOSITY

to 25,000 SSU (5,500 cSt)

TEMPERATURE

from -40 to +200°F (-40 to +95°C)
**PERFORMANCE**

**MODELS**

<table>
<thead>
<tr>
<th>Sealless Mag Drive</th>
<th>Nominal Flow At 1450 RPM</th>
<th>Nominal Flow At 1750 RPM</th>
<th>Pressure</th>
<th>Standard Ports</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>GPM</td>
<td>LPM</td>
<td>GPM</td>
<td>LPM</td>
</tr>
<tr>
<td>02</td>
<td>0.34</td>
<td>1.3</td>
<td>0.4</td>
<td>1.5</td>
</tr>
<tr>
<td>05</td>
<td>1.3</td>
<td>4.9</td>
<td>1.5</td>
<td>5.8</td>
</tr>
<tr>
<td>12</td>
<td>2.6</td>
<td>10</td>
<td>3.2</td>
<td>12.1</td>
</tr>
<tr>
<td>25</td>
<td>0.5</td>
<td>21</td>
<td>6.5</td>
<td>24.6</td>
</tr>
<tr>
<td>75</td>
<td>16.5</td>
<td>62.5</td>
<td>20</td>
<td>75</td>
</tr>
</tbody>
</table>

In-line valve sold separately.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Size, Inches</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>¼</td>
<td>NPT</td>
</tr>
<tr>
<td>½</td>
<td>NPT</td>
</tr>
<tr>
<td>1</td>
<td>Flange</td>
</tr>
<tr>
<td>1½</td>
<td>Flange</td>
</tr>
</tbody>
</table>

**PORTING**

- Opposite (180°)
- NPT / BSP
- Flanged (ANSI or DIN)

**SEALING**

- Sealless Mag Drive

**MOUNTING**

- Foot Mount
- Motor Mount

**TYPICAL APPLICATIONS**

- Acids
- Bases
- Coagulants
- Disinfectants
- Solvents
- Refrigerants
- Refined Fuels
- Adhesives
- Odorants
- Organics

**CONFIGURATIONS**

- E02
- E05
- E12
- E25
- E75

**CURVES**

![Graph showing performance curves for different models (E02, E05, E12, E25, E75)]

**CONTACT YOUR STOCKING DISTRIBUTOR TODAY**

**VIKING PUMP, INC.**

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vikingsumpump.com

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