SoloTech™

蠕动软管泵

单个超大滚轮以360度偏心旋转挤压软管

• 单循环流量比常规滑靴式设计大
• 维护简易, 无多余阀门、密封件或气封
• 泵可双向运转, 便于排空管路或清除堵塞
• 每循环仅挤压软管一次, 延长软管寿命

PROVEN QUALITY. LEADING TECHNOLOGY.
You want to pump what material?

- Soft tubing design
- Soft tubing material
- Line color
- Inner color
- Maximum fluid temperature
- Application area

- Natural rubber (NR)
  - Line: / Black
  - Temperature: 160°F (71°C)
- Chlorosulfonated polyethylene (CSM)
  - Line: Orange / Black
  - Temperature: 250°F (121°C)
- Nitrile rubber (Nitrile)
  - Line: Yellow / Black
  - Temperature: 220°F (104°C)
- Ethylene propylene diene monomer (EPDM)
  - Line: Blue / Black
  - Temperature: 250°F (121°C)

Pumps the tough conditions

- Performance curve
- Pump flow gpm (lpm)
- Continuous duty operating range

- Gear box ratio
  - High: 19.5:1
  - Mid: 48:1
  - Low: 157:1

- Pump flow gpm (lpm)
- Continuous duty operating range

- Gear box ratio
  - High: 19.13:1
  - Mid: 48:1
  - Low: 157:1

- Pump flow gpm (lpm)
- Continuous duty operating range

- Gear box ratio
  - High: 19.27:1
  - Mid: 48:1
  - Low: 150:1

Choose the right pump is crucial. Unfavorable chemical compatibility or excessive wear can cause the hose and couplings to fail, leading to a sudden stop. Our experts will help you select the right pump to avoid such failures in the field.

Do you need more assurance? Don’t wait until the pump stops to discover a hose failure; pumps equipped with brushless DC motors will provide early warnings when the hose needs to be replaced.

Graco’s SoloTech positive displacement pumps do not have check valves and connect directly with the fluid being pumped, making it ideal for handling media that cannot be handled by other pumps. This type of pump can easily pump or add abrasive, corrosive, shear sensitive, or gas-containing fluids.
1. Roll Design
   - Single roller design can reduce the number of squashing, friction, and heat, thereby extending the lifespan of the hose.
   - New metal roller with bearings provides consistent squashing and flow.

2. Soft Hose Clamp Component
   - Upgrade hose nut and clamp component.
   - Easy to install or disassemble — no special tools needed.
   - Can be selected from polyvinylidene fluoride (PVDF) and stainless steel (SST) hose nut.

3. DC Motor
   - Pressure Control Device
   - Batch Transfer Mode
   - Wide speed range allows for fewer gearboxes to be chosen, reducing the trouble of choosing different gearboxes.

4. Pump Structure
   - Cast aluminum housing for reduced weight.
   - Metal plate base for enhanced installation flexibility.

5. Electric Motor
   - Available with AC or BLDC motor.
   - Various gearboxes are available to meet various flow requirements.
   - Can be selected as an explosion-proof motor.

6. Detachable Front Cover
   - Aluminum front cover with a large-sized observation mirror for easy viewing of internal operation status.
   - Can install a detector on the cover.

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Chinese documents typically include multiple representations of the same information, possibly explaining different aspects or specifications. In this document, the Chinese text is translated into English to provide context and clarity. The English text includes bullet points highlighting key features and benefits, making it easier to understand the specifications and components of the device.
<table>
<thead>
<tr>
<th></th>
<th>SoloTech 10</th>
<th>SoloTech 23</th>
<th>SoloTech 26</th>
<th>SoloTech 30</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>gpm (lpm)</strong></td>
<td>92 rpm = 0.685 (2.60)</td>
<td>94 rpm = 4.75 (17.98)</td>
<td>93 rpm = 10.18 (38.54)</td>
<td>91 rpm = 16.0 (60.57)</td>
</tr>
<tr>
<td><strong>gal/rev (l/rev)</strong></td>
<td>0.007 (0.0265)</td>
<td>0.050 (0.190)</td>
<td>0.109 (0.412)</td>
<td>0.175 (0.662)</td>
</tr>
<tr>
<td><strong>@60 Hz rpm</strong></td>
<td>19.5:1</td>
<td>48:1</td>
<td>157:1</td>
<td>19.13:1</td>
</tr>
<tr>
<td><strong>@60 Hz gpm (lpm)</strong></td>
<td>0.085 (0.32)</td>
<td>0.27 (0.102)</td>
<td>0.685 (2.60)</td>
<td>0.57 (1.61)</td>
</tr>
<tr>
<td><strong>电机功率 (HP)</strong></td>
<td>0.25</td>
<td>0.50</td>
<td>0.75</td>
<td>0.25</td>
</tr>
<tr>
<td><strong>最大流量</strong></td>
<td>125 psi (8.6 bar)</td>
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<td>125 psi (8.6 bar)</td>
</tr>
<tr>
<td><strong>最大吸程</strong></td>
<td>29 (8.9)</td>
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</tr>
<tr>
<td><strong>软管尺寸</strong></td>
<td>10 mm</td>
<td>23 mm</td>
<td>26 mm</td>
<td>30 mm</td>
</tr>
<tr>
<td><strong>流速</strong></td>
<td>0.085 (0.32)</td>
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<td>0.57 (1.61)</td>
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</tbody>
</table>

*如需查找SoloTech软管泵产品编号的完整列表，请参阅编号为3A3096的操作手册。*