Hydraulic Piston Diaphragm Dosing Pumps

GRUNDFOS DMH

The Grundfos DMH range provides extremely strong, robust pumps for applications requiring a reliable dosing and high-pressure capability for high-pressure applications up to 2900 psi. This DMH is highly versatile for a wide flow range and offers a variety of dosing head sizes, materials and accessories.

Key Features and Benefits

• Very accurate dosing
• Dosing of flammable liquids
• Full PTFE membrane offered as a standard
• Manual or 4-20mA stroke length control
• Duplex option for doubled capacity
• Standard diaphragm protection system on all pumps
• Internal relief valve
• Capacity from 0.069 to 2 x 278 gph and up to 2900 psi; available in double-head versions
• Integrated pressure relief valve and active diaphragm protection system (AMS)
• Available with EX classified or ATEX-certified motors and API 675 certificate

APPLICATIONS

• Drinking water treatment
• Petrochemical industry & refineries
• Industrial process
• High pressure boiler feed
• EX zones & dosing of flammable liquids
DMH Technical Data

**DMH Information**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor size:</td>
<td>0.13 to 3 hp</td>
</tr>
<tr>
<td>Flow, Q:</td>
<td>0.069 to 2 x 278 gph</td>
</tr>
<tr>
<td>System pressure:</td>
<td>max. 2900 psi</td>
</tr>
<tr>
<td>Suction discharge connections:</td>
<td>1/4 to 1-1/4 in.</td>
</tr>
<tr>
<td>Enclosure class:</td>
<td>IP 65</td>
</tr>
<tr>
<td>Dosing flow variation:</td>
<td>below +/- 1% (DMH 28x)</td>
</tr>
<tr>
<td>Dosing flow linearity:</td>
<td>below +/- 1% (DMH 28x)</td>
</tr>
</tbody>
</table>

**Graph**

- **[PSI]**
  - 2900
  - 1450
  - 725
  - 232
  - 145

- **Q [gph]**
  - 0
  - 11.4
  - 25.3
  - 53.9
  - 63.9
  - 278

For more information, visit:
- [www.grundfos.us](http://www.grundfos.us)
- [www.grundfos.ca](http://www.grundfos.ca)
- [www.grundfos.mx](http://www.grundfos.mx)