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>Specification</th>
<th>Details</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>Discharge diameter</td>
<td>1/4 to 1-1/4 in.</td>
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<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>
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</tbody>
</table>

Q [gph]

DMH 60 Hz

[PSI]

0 11.4 25.3 53.9 63.9 278