MV200

POSITIVE DISPLACEMENT METERING VALVES
Positive Displacement Metering

Advantages

• Simple to install
• Quick and easy calibration of the quantity
• Minimum accuracy of ± 2%
• Part in contact with the stainless steel fluid
• Control of opening and closing (faster)
• Potential rate: greater than 600 cycles / minute
• No residual drop at the end of the cycle

The MV200 is a true positive displacement metering valve capable of dispensing small deposits of material in a highly accurate process.

The deposit volume is determined by the valve’s stroke adjustment setting and is not affected by variations in viscosity or material pressure. The MV200 is compatible with all PVA automated platforms.

The MV200 has many integrated features including:

0.0015 cc to 0.0120 cc shot size
Divorced valve design prevents material contamination of the air section
Inlet and outlet check valves provide precise metering of material
Adjustable stroke permits shot size modification
Stainless steel fluid section for optimum material compatibility
Lightweight aluminum air section
Custom mounting holes and bleeder configurations available

Compatible products

Adhesives / Activators / Lubricants / oils / RTV / Epoxies / Solvents / Alcohols / Fluids / Inks / Paints
**Characteristics**

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dimensions</strong></td>
<td>162mm * 19mm</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>8 oz</td>
</tr>
<tr>
<td><strong>Viscosity Range</strong></td>
<td>1 cps – Paste</td>
</tr>
<tr>
<td><strong>Operating Air Pressure</strong></td>
<td>60 – 100 psi</td>
</tr>
<tr>
<td><strong>Maximum Inlet Fluid Pressure</strong></td>
<td>300 psi</td>
</tr>
<tr>
<td><strong>Wetted Components</strong></td>
<td>Stainless steel, Kalrez®, Teflon® (Delrin)</td>
</tr>
</tbody>
</table>

- **Air intake of command of closing**
- **Air intake of order opening**
- **Headquarters throttle**
- **Teflon ball Watertight entry**
- **Teflon ball Waterproof outlet**
- **Scroll wheel adjustment**
  Used to set the amplitude of the movement of the diaphragm and adjust the flow of fluid.
- **Needle Piston**
- **Needle guidance**
PDS S.A.S is a french company that commercializes a wide range of dosage equipments, proven and effective.

Distributed in over 20 countries around the world, these equipments provide tailored solutions to many users in order to improve technically their manufacturing and reduce their productions costs.

Our collaborators and sales engineers all have a strong technical competences. They are able to answer your questions and offer you, after analysis, the right solution for your particular need.