MOTORIZED VERSION

Manipulator, Multi-axis, Motorized or Manual, W/Scale

Specifications

- Sealing Mechanism: Welded Bellows
- Bellows ID: 2.50”
- Bakeout Temperature: 300°C (Bellows only)
- Operating Temperature: -20° to 80°C (Motorized)
- Pressure Range: Atmosphere To 1 x 10⁻¹¹ Torr
- Work Load: 50 lbs. concentric
- X-Y Motion: +/– 12.5 mm
- Position Resolution (Micrometer): .002 mm or .0001”
- Stepper Motor: 1.8° full step, 51,200 microsteps/revolution

Other stroke lengths & options available.
For quotes, please call 800-227-8059 or visit our website at www.huntvac.com. Email: vacman@huntvac.com

Dimensions: inches (mm)

X - Y - Z Manipulator, 4 1/2” VAC-U-FLANGE®

<table>
<thead>
<tr>
<th>STROKE</th>
<th>MINIMUM HEIGHT</th>
<th>“A”</th>
<th>WEIGHT (lbs.)</th>
<th>MANUAL</th>
<th>MOTORIZED</th>
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<tbody>
<tr>
<td>4.0</td>
<td>8.82</td>
<td>12.16</td>
<td>39.4</td>
<td>PM-450-4Z</td>
<td>MPM-450-4Z</td>
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<tr>
<td>8.0</td>
<td>9.01</td>
<td>16.38</td>
<td>44.6</td>
<td>PM-450-8Z</td>
<td>MPM-450-8Z</td>
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<tr>
<td>12.0</td>
<td>9.40</td>
<td>22.50</td>
<td>50.2</td>
<td>PM-450-12Z</td>
<td>MPM-450-12Z</td>
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