Limit Valves

A limit valve is the best way to have a mechanical limit to return air signals to control valves or circuits. Clippard offers limit valves in ports ranging from #3-56 up to 1/8” NPT, high force and heavy duty limits as well as non-contact sensing valves. See Directional Control Valves section.

Quick Exhaust Valves

The primary function of a quick exhaust valve is to increase cylinder speed. This also enables the use of smaller directional valves and longer control lines. Offered with several port configurations from #10-32 models up to 1/4”. See pages 164 and 165.

Flow Controls

Clippard offers a large variety of flow controls and needle valves for adjusting the speed of the cylinder. Several models are available from fine adjustments to coarse adjustments in a variety of mounting configurations. See pages 157 through 160.

Pilot-Operated Check Valves

These valves provide control functions with cylinders and with other control circuits. See page 152 for a complete range of Pilot-Operated Check Valves.

SM-2

Single Acting

Did you know...

The tiny SM-2 cylinder gives 2 lbs. of force at 100 psig.

SM-3-

Single Acting

<table>
<thead>
<tr>
<th>Bore: 5/32”</th>
<th>Stroke</th>
<th>Length “L”</th>
</tr>
</thead>
<tbody>
<tr>
<td>SM-3-1</td>
<td>1/4”</td>
<td>0.740</td>
</tr>
<tr>
<td>SM-3-2</td>
<td>1/2”</td>
<td>1.171</td>
</tr>
<tr>
<td>SM-3-3</td>
<td>3/4”</td>
<td>1.593</td>
</tr>
<tr>
<td>SM-3-4</td>
<td>1”</td>
<td>2.000</td>
</tr>
</tbody>
</table>

Materials: Stainless steel body, piston & rod, Nitrile U-cup, Beryllium copper spring

To order: Add stroke length to the end of the part number