Mechanically actuated heavy duty poppet valve

- Port size: G1/4
- Robust corrosion resistant construction
- Dustproof and water ingress protected
- Position of levers may be adjusted

### Technical features

<table>
<thead>
<tr>
<th>Medium:</th>
<th>Compressed air, filtered, lubricated and non-lubricated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operation:</td>
<td>Poppet valve, directly actuated</td>
</tr>
<tr>
<td>Mounting:</td>
<td>Through-holes in valve body</td>
</tr>
<tr>
<td>Port size:</td>
<td>G1/4</td>
</tr>
</tbody>
</table>

### Operating pressure:

- NC: 0.7 ... 10 bar (10 ... 145 psi)
- NO: 0.7 ... 7 bar (10 ... 101 psi)

### Flow characteristics:

- '1' → '2':
  - Cv
  - Kv
  - l/min
  - 1.28
  - 1.11
  - 1258
- '2' → '3':
  - Cv
  - Kv
  - l/min
  - 0.86
  - 0.74
  - 844

### Ambient/Media temperature:

- -40 ... +75°C (-40 ... +167°F)

Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

### Materials:

- Body, poppet and lever: brass
- Screws and roller: stainless steel
- Seals: low NBR

### Technical data

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Port size</th>
<th>Operator/return</th>
<th>Operating pressure (bar)</th>
<th>Operating force at 0.7 bar (Nm)</th>
<th>Operating force at 10 bar (Nm)</th>
<th>Weight (kg)</th>
<th>Spares kit</th>
<th>Drawing No.</th>
<th>Model</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>G1/4</td>
<td>Roller/spring</td>
<td>0.7 ... 10</td>
<td>1.5</td>
<td>1.8</td>
<td>0.77</td>
<td>SLV/15293/00</td>
<td>1</td>
<td>SLV/15293/A</td>
</tr>
</tbody>
</table>
Mechanically actuated heavy duty poppet valve

Pre-travel: 14° maximum, exhaust seat closes
Operating Travel: 32°/7,5 mm minimum, including pre-travel
Total movement of valve including over-travel: 40°/11,5 mm maximum

* Notes
1. Operating lever must not be set to exceed this position at any time during operation.
2. Maximum rest position of operating lever for valve operating clockwise.
3. Maximum rest position of operating lever for valve operating anti-clockwise.
4. Operating lever must not enter this arc at any time during operation.
5. Valve may be operated either clockwise or anti-clockwise.
6. Operating lever may be positioned at any angle on the operating spindle providing the conditions of operation in notes 1 ... 5 are maintained.

Operating mechanism may be rotated through 360° at 90° intervals.

Warning
These products are intended for use in industrial compressed air and rail transport systems only. Do not use these products where pressures and temperatures can exceed those listed under "Technical features/data". Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult IMI NORGREN. Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure. System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided. System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.

Dimensions in mm
Projection/First angle

Port sizes G1/4 or 1/4 NPT