Model 254
Quick Opening Industrial Flow Control Valve

Features
- Made of a Forged Body Designed for Liquid, Compressed Air, or Gas Applications
- Often Used for Wheel or Tire Cleaning Solutions in Car Wash Systems
- Not Intended to Be Used as “Air Blow” or “Cleaning Guns”
- Widely Used in the Carpet Cleaning Industry (254AE)
- Mounting Stud and Nut are Available for Stationary Mounting (2543W)
- Alternative Seals Available
- Alternative Disc, Seal, Lever and Cap Options May Be Available. Please Call for Details

<table>
<thead>
<tr>
<th>Model</th>
<th>Inlet Size</th>
<th>Orifice</th>
<th>Dimensions (inches)</th>
<th>Pressure Range (PSIG)</th>
<th>Min. Temp (°F)</th>
<th>Max. Temp (°F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>254</td>
<td>1/4&quot; NPT</td>
<td>0.25</td>
<td>Approx. 2&quot; (with Stud &amp; Nut) 27/32&quot; (Flow)</td>
<td>10-350</td>
<td>-40</td>
<td>400°F</td>
</tr>
</tbody>
</table>

Materials

<table>
<thead>
<tr>
<th>No.</th>
<th>Part Name</th>
<th>Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Body</td>
<td>Brass</td>
</tr>
<tr>
<td>2</td>
<td>Lever</td>
<td>Brass</td>
</tr>
<tr>
<td>3</td>
<td>Cap</td>
<td>Brass</td>
</tr>
<tr>
<td>4</td>
<td>Stem</td>
<td>Brass</td>
</tr>
<tr>
<td>5</td>
<td>Roll Pin</td>
<td>Carbon Steel</td>
</tr>
<tr>
<td>7</td>
<td>&quot;O&quot; Ring</td>
<td>Buna &quot;N&quot;</td>
</tr>
<tr>
<td>8</td>
<td>Screw</td>
<td>Brass</td>
</tr>
<tr>
<td>9</td>
<td>Disc</td>
<td>Buna &quot;N&quot;</td>
</tr>
<tr>
<td>10</td>
<td>Cage</td>
<td>Brass</td>
</tr>
<tr>
<td>11</td>
<td>Spring</td>
<td>Stainless Steel</td>
</tr>
</tbody>
</table>
Flow Capacity Information

Fig. 254 - 1/4"

Ordering Information

Kingston Control Valves
Part Number Codes

Valve Model
- 254
- 254AE
- 254W

Example:
- 2532 N N 34 7 - B
  - Model: 253 (1/4")
  - Buna-N Disc & O-Ring
  - 34 Spring
  - Mounting Stud & Nut
  - 3" Brass Lever

Size
2= 1/4" NPT

Disc Material
N= Buna-N
E= Ethylene Propylene
F= Viton
T= Teflon

Spring
34= Standard on most
188= Heavy Duty (used with Teflon disc)

Cap Type
2= Flat (No Stud)
7= w/ Stud & Nut

O-Ring Material
N= Buna-N
E= Ethylene Propylene
F= Viton
T= Teflon

Lever Type
A= 5" Steel
B= 3" Brass
C= 3" Steel
L= Latch Type
R= Roller Type
O= Less Lever & Pin

Product Notes

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