**Model 253**

Quick Opening Industrial Flow Control Valve

---

### Features

- Designed for Liquid, Compressed Air, or Gas Applications
- Developed for Use in Car Wash Systems and Other Operations Requiring a Fixed Position Control Valve
- Often Used for Wheel or Tire Cleaning Solutions in Car Wash Systems
- Available with Mounting Stud and Nut Option
- Valve Stem Contains Electroless Nickel Plated for Long Wear in Harsh Solutions
- Available with 3” or 5” Brass Steel Lever Options
- Alternative Discs and Seals May Be Available. Please Call for Details

---

### 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>6</td>
<td>Locknut</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>

---

### Dimensons (inches)

<table>
<thead>
<tr>
<th>Height (A)</th>
<th>Width (B)</th>
<th>Approx. Shipping Wt.</th>
<th>Min. Temp (°F)</th>
<th>Max. Temp (°F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 25/32&quot;</td>
<td>2 13/16&quot;</td>
<td>5 - 7 oz.</td>
<td>-40°F</td>
<td>225°F</td>
</tr>
</tbody>
</table>

---

*Note: Not Intended to be used with “air blow” or “cleaning guns”*
Kingston Model 253 Quick Opening Industrial Flow Control Valve

Flow Capacity Information

Fig. 253 - 1/4”

Pressure, PSIG

Flow, GPM

Fig. 253 - 1/4”

Pressure, PSIG

Flow, SCFM

Ordering Information

Kingston Control Valves
Part Number Codes

Valve Model
- 253

Size
2= 1/4” NPT

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

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

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

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

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

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

*O-Rings not available in Teflon

Product Notes

Storm Manufacturing reserves all rights. Product specifications and designs are subject to change without notice.

The information contained herein by Storm Manufacturing Group (SMG) is provided in good faith and as a product guide only. Further, SMG makes no representation as to the completeness or accuracy of the information contained herein. Any person or persons using the information contained herein must exercise their own judgement and consider all local, regional, national and global safety standards in evaluating valve selection options. Final application design and integration of Kingston Products are the sole responsibility of the end user.