Product Description
The Reliable Model L399 OS&Y Gate valves are UL Listed and FM Approved indicating control valves for fire protection systems. Reliable OS&Y Valves valves have AWWA C 606 grooved end connections or ANSI B 16.1 Class 125 flanged end connections. They are available in 2" (50mm), 2-1/2" (65mm), 3" (80mm), 4" (100mm), 6" (150mm), 8" (200mm), 10" (250mm), and 12" (300mm) nominal sizes. The valves are listed for 300 psi (20.7 bar) working pressure. Verify that appropriate end connections and fittings are used for the system pressure prior to installation.

Maintenance
The owner is responsible for maintaining the fire protection system in proper operating condition. Any system maintenance or testing that involves placing a control valve out of service will eliminate the fire protection that is provided by the fire protection system.

The Reliable OS&Y Gate valves and associated equipment shall periodically be given a thorough inspection and test. NFPA 25, “Inspection, Testing and Maintenance of Water Based Fire Protection Systems,” provides minimum maintenance requirements.

Ordering Information
Specify the following when ordering:

Reliable Model L399 OS&Y Gate Valve
End Connection
- Flange x Flange
- Flange x Groove
- Groove x Groove

Valve Size
- 2" (50mm)
- 2-1/2" (65mm)
- 3" (80mm)
- 4" (100mm)
- 6" (150mm)
- 8" (200mm)
- 10" (250mm)
- 12" (300mm)

Guarantee
For Reliable Automatic Sprinkler Co., Inc. guarantee, terms, and conditions, visit www.reliablesprinkler.com.

<table>
<thead>
<tr>
<th>Model</th>
<th>End Connections</th>
<th>Sizes in (mm)</th>
<th>Approvals</th>
</tr>
</thead>
<tbody>
<tr>
<td>REL-OSY-L399F</td>
<td>Flange x Flange</td>
<td>2&quot; (50), 2-1/2&quot; (65), 3&quot; (80), 4&quot; (100), 6&quot; (150), 8&quot; (200), 10&quot; (250), 12&quot; (300)</td>
<td>cULus Listed, FM Approved</td>
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<tr>
<td>REL-OSY-L399FG</td>
<td>Flange x Groove</td>
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<tr>
<td>REL-OSY-L399GG</td>
<td>Groove x Groove</td>
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</tbody>
</table>

www.reliablesprinkler.com
OS&Y Gate Valves

Technical Specifications
Pressure Rating:
300 psi (20.7 bar)

Material Specifications
Body: Ductile Iron A536 65-45-12
Wedge: Ductile Iron EPDM Coated
Wedge Nut: Stainless Steel AISI 304
Stem: Stainless Steel AISI 304
Bonnet: Ductile Iron A536 65-45-12
Gasket: EPDM Commercial
Packing: Graphite
Stem Nut: Bronze ASTM B62
Handwheel: Ductile Iron A536 65-45-12

End Connections
Groove x Groove (REL-OSY-L399GG)
Flange x Groove (REL-OSY-L399FG)
Flange x Flange (REL-OSY-L399F)

Specifications
Groove: AWWA C 606
Flange: ANSI B 16.1 Class 125

Listings and Approvals
cULus Listed
FM Approved

Reliable OS&Y Gate Valve Dimensions

<table>
<thead>
<tr>
<th>Valve Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
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</thead>
<tbody>
<tr>
<td>2” (50)</td>
<td>7-3/16” (183)</td>
<td>16-3/16” (411)</td>
<td>7” (178)</td>
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<tr>
<td>2-1/2” (65)</td>
<td>7-3/16” (183)</td>
<td>16-3/16” (411)</td>
<td>7-1/2” (191)</td>
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<tr>
<td>3” (80)</td>
<td>9-15/16” (253)</td>
<td>18-3/16” (462)</td>
<td>8” (203)</td>
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<tr>
<td>4” (100)</td>
<td>9-15/16” (253)</td>
<td>20-1/4” (514)</td>
<td>9” (229)</td>
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<tr>
<td>6” (150)</td>
<td>12-1/16” (306)</td>
<td>27-15/16” (709)</td>
<td>10-1/2” (267)</td>
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<tr>
<td>8” (200)</td>
<td>14” (355)</td>
<td>36-1/3” (922)</td>
<td>11-1/2” (292)</td>
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<tr>
<td>10” (250)</td>
<td>17-1/2” (445)</td>
<td>43-15/16” (1116)</td>
<td>13” (330)</td>
</tr>
<tr>
<td>12” (300)</td>
<td>17-1/2” (445)</td>
<td>51-3/16” (1300)</td>
<td>14” (356)</td>
</tr>
</tbody>
</table>

Figure 1

Flange x Flange

Flange x Groove

Groove x Groove

Table B