Features
- All parts are SS.
- Precision lapped beveled seats for optimum performance.
- Pivot between spring and disc corrects misalignment and compensates for spring side thrust.

Model Descriptions
Model 40R: 1/2-inch or 3/4-inch male NPT inlet with top discharge to give visible warning of system overpressure. Overall height: 5 1/4-inch Weight: 1 lb
Model 40RL: Same as 40R with plain lift lever. Overall height: 6 1/2-inch Weight: 1 1/4 lb

Applications
- Sentinel (warning) on steam equipment. Intended as audible warning device, not for pressure relief.
- Steam turbines.

Pressure and Temperature Limits
1 to 400 psig
-60° to 850°F

Note
1. For other valves suitable for sentinel (warning) service, see Model 1 (250 psig, 406°F) and Models 264, 265.
Models 40R and 40RL
Steam Sentinel Valve, Sentinel Relief Valves

Parts and Materials

<table>
<thead>
<tr>
<th>No.</th>
<th>Part Name</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Nozzle</td>
<td>SA479-316</td>
</tr>
<tr>
<td>2</td>
<td>Yoke</td>
<td>A743-CF8</td>
</tr>
<tr>
<td>3</td>
<td>Regulator Ring</td>
<td>A743-CF8</td>
</tr>
<tr>
<td>4</td>
<td>Lock Screw, Ring</td>
<td>SS 18-8</td>
</tr>
<tr>
<td>5</td>
<td>Disc</td>
<td>A743-CF8</td>
</tr>
<tr>
<td>6</td>
<td>Lower Spring Step</td>
<td>A582-303</td>
</tr>
<tr>
<td>7</td>
<td>Stem</td>
<td>A582-303</td>
</tr>
<tr>
<td>8</td>
<td>Spring</td>
<td>SA313-302</td>
</tr>
<tr>
<td>9</td>
<td>Upper Spring Step</td>
<td>SA582-303</td>
</tr>
<tr>
<td>10</td>
<td>Compression Screw</td>
<td>SA479-316</td>
</tr>
<tr>
<td>11</td>
<td>Jam Nut</td>
<td>18-8</td>
</tr>
</tbody>
</table>

Model Number/Order Guide

Model Number Position

Example

Model
040R
40RL

Inlet Size
C - 1/2-inch
D - 3/4-inch

Variation
01 - Catalog standard

Design Revision
Indicates non-interchangeable revision. Dash (-) if original design.

Spring Material
E - 302 SST

Set Pressure
0005 - 5 psig
0400 - 400 psig

Facility Phone: 828-669-3700

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