The Series GV1 globe valves can be conveniently paired with the Series EVA1 electric actuators, creating a low cost and compact control valve package. The globe design allows for exceptional throttling control in a wide range of applications, including central heating and air conditioning, water handling, and industrial manufacturing systems. Valves are manufactured in a variety of sizes, and are available in either two-way or three-way body styles. The forged brass body and equal percentage flow characteristic are ideal for many flow control systems.

FEATURES

• Low leakage rate (less than 0.05% of Cv)
• Equal percentage flow characteristic for excellent low flow control
• Forged brass construction
• Direct mounting actuator (Series EVA1) for compact control valve package

SPECIFICATIONS

Service: Compatible liquids and gases.

Line Size: 1” to 2”.

Body Style: 2-way, push to open globe; 3-way globe.

End Connections: Female NPT.

Pressure Limit: 232 psi (16 bar).

Wetted Materials:
- Body material: Brass;
- Stem: 302 SS;
- Disc: Brass with Nitrile gasket;
- Packing: Fluon® filler with Nitrile O-ring.

Temperature Limits: 35 to 201°F (2 to 94°C).

Flow Characteristic: Equal percentage.

Flow Leakage: Less than 0.05% of Cv factor.

Stem Connection: M8 thread.

APPLICATIONS

• Mixing or diverting services with three way models
• Control water flow in heating or cooling processes
• HVAC zone management

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Pipe Size</th>
<th>Cv</th>
<th>Max. Diff. Pres. Fit with EVA1-</th>
<th>Stroke in (mm)</th>
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<tbody>
<tr>
<td>GV121</td>
<td>2-Way</td>
<td>1”</td>
<td>9.3</td>
<td>87 psi (6 bar)</td>
<td>19/32” (15)</td>
</tr>
<tr>
<td>GV122</td>
<td>1-1/4”</td>
<td>17.4</td>
<td>58 psi (4 bar)</td>
<td>3/4” (19)</td>
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</tr>
<tr>
<td>GV123</td>
<td>1-1/2”</td>
<td>25.5</td>
<td>43 psi (3 bar)</td>
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<tr>
<td>GV124</td>
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<td>40.6</td>
<td>29 psi (2 bar)</td>
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<tr>
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<td>1”</td>
<td>9.3</td>
<td>87 psi (6 bar)</td>
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<td>GV132</td>
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