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 on page 481) 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

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Pipe Size</th>
<th>Cv</th>
<th>Max. Diff. Pres.</th>
<th>Stroke in (mm)</th>
</tr>
</thead>
<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>
<td></td>
</tr>
<tr>
<td>GV123</td>
<td>1-1/2”</td>
<td>25.5</td>
<td>43 psi (3 bar)</td>
<td>3/4” (19)</td>
<td></td>
</tr>
<tr>
<td>GV124</td>
<td>2”</td>
<td>40.6</td>
<td>29 psi (2 bar)</td>
<td>3/4” (19)</td>
<td></td>
</tr>
<tr>
<td>GV131</td>
<td>1”</td>
<td>9.3</td>
<td>87 psi (6 bar)</td>
<td>19/32” (15)</td>
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</tr>
<tr>
<td>GV132</td>
<td>1-1/4”</td>
<td>17.4</td>
<td>58 psi (4 bar)</td>
<td>3/4” (19)</td>
<td></td>
</tr>
<tr>
<td>GV133</td>
<td>1-1/2”</td>
<td>25.5</td>
<td>43 psi (3 bar)</td>
<td>3/4” (19)</td>
<td></td>
</tr>
<tr>
<td>GV134</td>
<td>2”</td>
<td>40.6</td>
<td>29 psi (2 bar)</td>
<td>3/4” (19)</td>
<td></td>
</tr>
</tbody>
</table>

USA: California Proposition 65

⚠️ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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