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

### Dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>GV121</td>
<td>4-11/32” (110 mm)</td>
<td>2-3/8” (60 mm)</td>
<td>4-3/8” (111 mm)</td>
</tr>
<tr>
<td>GV122</td>
<td>4-47/64” (120 mm)</td>
<td>2-3/8” (66 mm)</td>
<td>4-3/8” (111 mm)</td>
</tr>
<tr>
<td>GV123</td>
<td>5-1/8” (130 mm)</td>
<td>2-11/16” (68 mm)</td>
<td>4-1/2” (114 mm)</td>
</tr>
<tr>
<td>GV124</td>
<td>5-23/32” (145 mm)</td>
<td>2-27/32” (72 mm)</td>
<td>4-31/32” (126 mm)</td>
</tr>
<tr>
<td>GV131</td>
<td>4-11/32” (110 mm)</td>
<td>3-5/64” (78 mm)</td>
<td>4-3/8” (111 mm)</td>
</tr>
<tr>
<td>GV132</td>
<td>4-47/64” (120 mm)</td>
<td>3-15/64” (82 mm)</td>
<td>4-3/8” (111 mm)</td>
</tr>
<tr>
<td>GV133</td>
<td>5-1/8” (130 mm)</td>
<td>3-15/64” (82 mm)</td>
<td>4-1/2” (114 mm)</td>
</tr>
<tr>
<td>GV134</td>
<td>5-23/32” (145 mm)</td>
<td>3-19/32” (91 mm)</td>
<td>4-31/32” (126 mm)</td>
</tr>
</tbody>
</table>

### Model Type

- **GV121** 1” 9.3 87 psi (6 bar) 19/32” (15)
- **GV122** 1-1/4” 17.4 58 psi (4 bar) 3/4” (19)
- **GV123** 1-1/2” 25.5 43 psi (3 bar) 3/4” (19)
- **GV124** 2” 40.6 29 psi (2 bar) 3/4” (19)
- **GV131** 1” 9.3 87 psi (6 bar) 19/32” (15)
- **GV132** 1-1/4” 17.4 58 psi (4 bar) 3/4” (19)
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