The Series EVA Electric Actuators are designed to mount directly onto the Series GV globe valves, creating a complete, low cost, and compact control valve package. Floating or modulating control inputs are available, and the 24 VAC synchro motor includes a magnetic clutch to protect the motor in stall conditions. Actuators are ruggedly constructed with a fire-proof ABS housing and robust aluminum bracket. Features include a visual position indicator and manual override to make this actuator an excellent choice for any size area, large or small.

**FEATURES**
- Manual override
- Compact size
- Floating control or selectable 0 to 10 VDC or 4 to 20 mA proportional control
- Reversible direction on proportional models
- Magnetic clutch protects motor in stall conditions

<table>
<thead>
<tr>
<th>Model</th>
<th>Actuator Action</th>
<th>Output Force</th>
<th>Valve Size</th>
<th>Compatible Valve Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVA1F</td>
<td>Floating</td>
<td>112 lb (500 N)</td>
<td>1&quot; to 2&quot;</td>
<td>GV1_</td>
</tr>
<tr>
<td>EVA1M</td>
<td>Modulating</td>
<td>112 lb (500 N)</td>
<td>1&quot; to 2&quot;</td>
<td>GV1_</td>
</tr>
<tr>
<td>EVA2F</td>
<td>Floating</td>
<td>225 lb (1000 N)</td>
<td>1&quot; to 2-1/2&quot;</td>
<td>GV2_ or GV3_</td>
</tr>
<tr>
<td>EVA2M</td>
<td>Modulating</td>
<td>225 lb (1000 N)</td>
<td>1&quot; to 2-1/2&quot;</td>
<td>GV2_ or GV3_</td>
</tr>
<tr>
<td>EVA3F</td>
<td>Floating</td>
<td>337 lb (1500 N)</td>
<td>1&quot; to 2-1/2&quot;</td>
<td>GV2_ or GV3_</td>
</tr>
<tr>
<td>EVA3M</td>
<td>Modulating</td>
<td>337 lb (1500 N)</td>
<td>1&quot; to 2-1/2&quot;</td>
<td>GV2_ or GV3_</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**

**Series EVA1**
- Output Force: 112 lb (500 N).
- Power Requirements: 24 VAC.
- Power Consumption: EVA1F: 2.5 VA; EVA1M: 4.5 VA.
- Cycle Time: 262 sec/in (10.3 sec/mm).
- Enclosure Rating: IP64 (NEMA 3).
- Bracket Material: Aluminum.
- Operating Temperature: 36 to 131°F (2 to 55°C).
- Storage Temperature: -4 to 149°F (-20 to 65°C).
- Humidity Limit: < 90%, non-condensing.
- Electrical Connection: Screw terminal.
- Modulating Input: 0 to 10 VDC or 4 to 20 mA.
- Weight: EVA1F: 1.81 lb (0.8 kg); EVA1M: 1.92 lb (0.9 kg).

**Series EVA2, EVA3**
- Output Force: EVA2: 225 lb (1000 N); EVA3: 337 lb (1500 N).
- Power Requirements: 24 VAC.
- Power Consumption: EVA2F (EVA3F): 5.5 VA; EVA2M (EVA3M): 7.5 VA.
- Cycle Time: EVA2F (EVA2M): 97 sec/in (3.8 sec/mm); EVA3F (EVA3M): 164 sec/in (6.45 s/mm).
- Enclosure Rating: IP40 (NEMA 1).
- Bracket Material: Aluminum.
- Operating Temperature: 36 to 131°F (2 to 55°C).
- Storage Temperature: 4 to 149°F (-20 to 65°C).
- Humidity Limit: < 90%, non-condensing.
- Electrical Connection: Screw terminal.
- Modulating Input: 0 to 10 VDC or 4 to 20 mA.
- Weight: EVA2F (EVA3F): 2.43 lb (1.1 kg); EVA2M (EVA3M): 3.31 lb (1.15 kg).