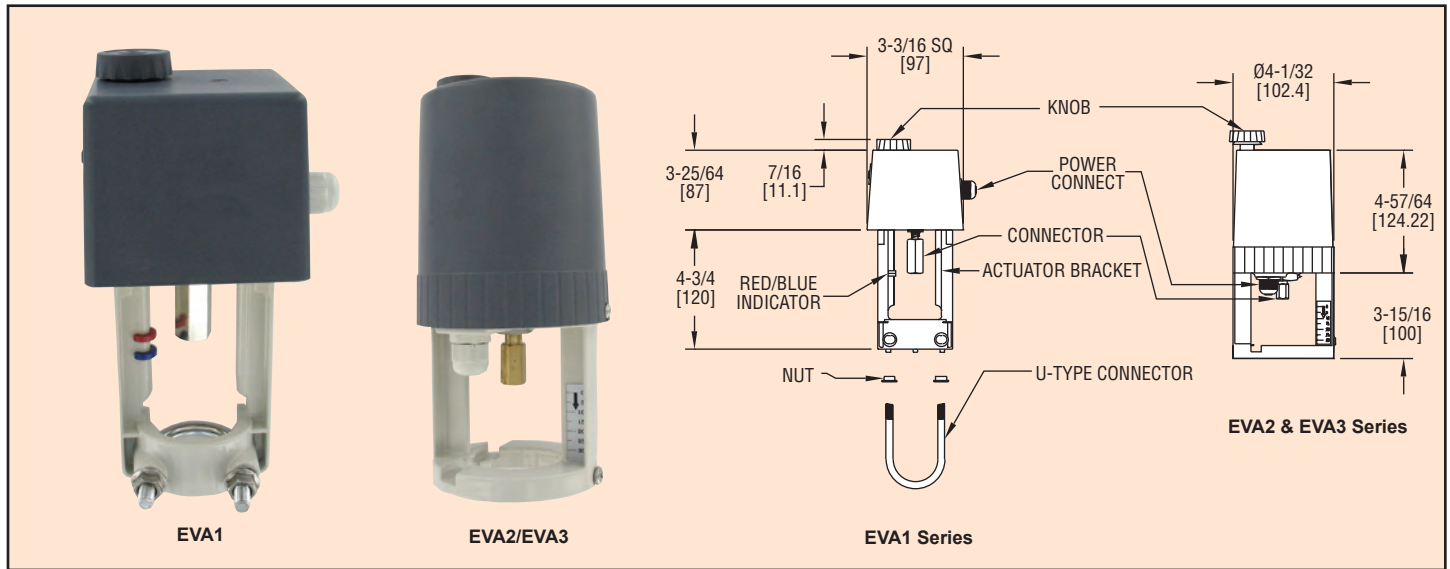




Series  
EVA

# Electric Actuator

Easily Installs Onto a Series GV Valve



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 synchronous 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

Model	Actuator Action	Output Force	Valve Size	Compatible Valve Type
EVA1F	Floating	112 lb (500 N)	1" to 2"	GV1__
EVA1M	Modulating	112 lb (500 N)	1" to 2"	GV1__
EVA2F	Floating	225 lb (1000 N)	1" to 2-1/2"	GV2__ or GV3__
EVA2M	Modulating	225 lb (1000 N)	1" to 2-1/2"	GV2__ or GV3__
EVA3F	Floating	337 lb (1500 N)	1" to 2-1/2"	GV2__ or GV3__
EVA3M	Modulating	337 lb (1500 N)	1" to 2-1/2"	GV2__ or GV3__

## 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 s/in (10.3 sec/mm).
- Enclosure Rating:** IP54 (NEMA 3).
- Housing Material:** Fire-proof ABS plastic (UL94V-0).
- 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).
- Housing Material:** Fire-proof ABS plastic (UL94V-0).
- 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).

VALVES

Valves, Globe