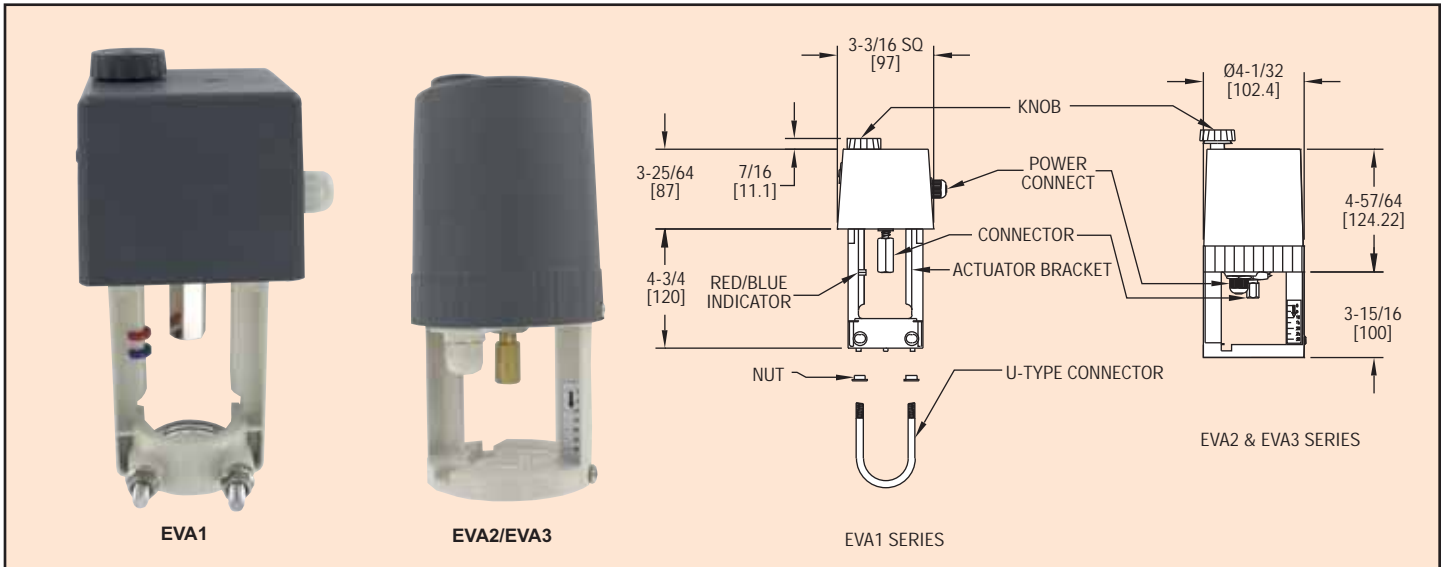




Series
EVA

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 synchronic 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 0-10 VDC or 4-20 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 sec/in. (10.3 sec/mm).

Enclosure Rating: IP54.

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 sec/mm).

Enclosure Rating: IP40.

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).