## EA50 and EA60 Standard Series Medium Torque Non-Spring Return Rotary Actuators



The EA50 and EA60 medium torque actuators are ideal for proportional positioning of a fuel valve, butterfly valve, damper and similar applications. Units are available with either fixed or adjustable speed. Timing of adjustable speed units can be increased (decreasing the speed) by turning a slotted adjustment screw on the outside of the case. Adjust range is approximately ten times rated. Standard features include a $100 \Omega$ feedback slidewire and a single SPDT switch. All models, except those with transformers, are UL/cUL listed. The EA50 and EA60 are compatible with the VB-7000 and VB-9000 valves in this catalog.

## Ordering codes



| Transformer |
| :--- | :--- |
| $\mathbf{0 0}$ None <br> $\mathbf{0 1}$ Built-in $120-24 \mathrm{Vac**}$ <br> $\mathbf{0 2}$ Built-in 240-24Vac** |
| ${ }^{* *}$ Not UL/CUL listed |



## Features

- proportional actuators w/ built-in feedback potentiometer
- open/close contact closure input
- $24 \mathrm{Vac}, 120 \mathrm{Vac}$ and 240 Vac
- 60, 220 and 450 in-lbs torque
- compatible with VB series valves


## Specifications

## Control action:

Floating. Requires SPDT switch with floating (center off) position rated at 0.9 amps . Proportional electric with slidewire feedback.

## Connections:

Coded screw terminals
Shaft rotation:
Reversible proportional can stop at any point in the stroke. Adjustable $45-320^{\circ}$
Auxiliary switch:
Adjustable SPDT snap acting. Factory set toclose one contact and open other at end of clockwise rotation.
Ambient temperature:
-40 to $136^{\circ} \mathrm{F}\left(-40\right.$ to $\left.58^{\circ} \mathrm{C}\right)$
Humidity:
5 to $95 \% \mathrm{RH}$, non-condensing.
Case:
Die cast aluminum with two $1 / 2^{\prime \prime}$ conduit knockouts each side

## Motor and gear train:

Oil immersed
Mounting:
Damper - upright recommended.
Valve - upright with actuator above centerline of valve body.
Dimensions:
7" H x 5-3/8" W x 6-5/16" D

## Weight:

8 lbs.

