

# EA50 and EA60 Standard Series Medium Torque

## MODEL

- Proportional actuators w/ built-in feedback potentiometer
- Open/Close contact closure input

### Base Model

51	90° travel limit, 12sec(adj), 60 in-lbs torque	55	90° travel limit, 40 sec. (adj), 220 in-lbs torque
52	180° travel limit, 25 sec. (adj), 60 in-lbs torque	56	180° travel limit, 80 sec. (adj), 220 in-lbs torque
53	90° travel limit, 12 sec., 60 in-lbs torque	57	90° travel limit, 40 sec., 220 in-lbs torque
54	180° travel limit, 25 sec., 60 in-lbs torque	58	180° travel limit, 80 sec., 220 in-lbs torque

INVENTORY

# Eurotherm



## Non-Spring Return Rotary Actuator Specification Sheet

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 100Ω 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.

### Specifications

Control action:	Floating, Requires SPDT switch with floating (center off) position rated at 9.0 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°
Auxiliary switch:	Adjustable SPDT snap acting, factory set to close one contact and open the other at
Ambient Temperature:	-40 to 136°F (-40 to 58°C)
Humidity:	5 to 95% RH, non-condensing
Case:	Die cast aluminum with two 1/2" conduit Knockouts each side
Motor and gear train:	Oil immersed
Mounting:	Damper - Upright recommended Valve - Any upright position with actuator above centerline of valve body
Dimensions:	7" H x 5-3/8" W x 6-5/16" D
Weight:	8lbs.