

EA40-A Series Analog Input Low Torque Spring Return Rotary Actuators



EA40-A series actuators can proportionally position fuel valves, butterfly valves, dampers and other similar devices. An electrical holding circuit maintains position when at setpoint. The enclosed spring drives the actuator to the closed position on power interruption. The direction of the spring return is fixed and cannot be field changed. The direction of travel with increasing signal is field selectable as with the other analog input models. All versions are NEMA 4 rated. The EA40-A is compatible with the VB-7000 and VB-9000 valves in this catalog.

Ordering codes

Model Series	Base Model	Control Input	Reserved	Options	Volts/Freq
EA		A	0	37	

Reserved	Feedback Slidewire	Logo/Label	Specials
00	3		00

Base Model		Control Input	Options
42	90 sec., clockwise	A	37
44	90 sec., CCW	Analog input proportional control	NEMA 4 cover (factory standard)

Voltage/Frequency		Slidewire	Logo/Label
0	120Vac, 60Hz	3	1000Ω
3	240Vac, 60Hz		0 Barber-Colman
4	240Vac, 50Hz		E Eurotherm
5	24Vac, 60Hz		
Specials			
00 None			

Features

- analog input proportional control signal
- spring return to normal position on power interrupt
- 24Vac, 120Vac and 240Vac models available
- switch selectable 90° or 180° stroke
- 50 in-lbs torque
- compatible with VB series valves

Specifications

Torque:

50 in-lbs

Dimensions:

7" H x 5-3/8" W x 8-1/8" D

Weight:

8 lbs

Case:

Die cast aluminum with two 1/2" knockouts each side.

Motor and gear train:

Oil immersed

Ambient temperature:

-40 to 136°F (-40 to 58°C)

Humidity:

5 to 95% RH, non-condensing

Power consumption:

40W

Mounting:

Damper - Upright recommended

Valve - Any upright position with actuator above centerline of valve body.