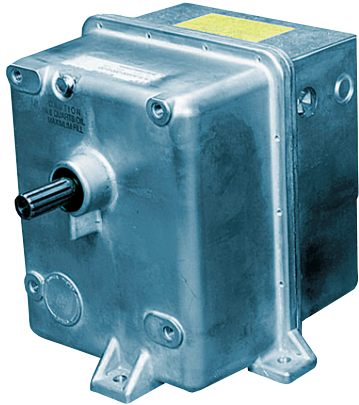


# EA70-A Series Analog Input High Torque Non-Spring Return Rotary Actuators



These workhorses have the brute force to handle the big job such as a heavy damper, globe valve, blast gate or air/gas valve. They can be used for vortex control and hydraulic coupling and will drive a speed changing screw or slide gate requiring a torque proportional actuator. A solenoid brake holds the actuator in position when no movement is required. These actuators stay in position when power is removed. NEMA 4 versions are available. The EA70-A is compatible with the VB-7000 and VB-9000 valves in this catalog.

## Features

- analog input proportional control signal
- 550, 1100 and 1300 in–lbs torque
- oil immersed motor and gear train
- compatible with VB series valves

## Ordering codes

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

Reserved	Feedback Slidewire	Logo/Label	Specials
00	3		00

Base Model	
72	40 sec. 550 in–lbs torque
74	65 sec., 1100 in–lbs torque
76	115 sec., 1300 in–lbs torque

Control Input	
A	Analog input proportional control

Options	
<b>Not NEMA 4 rated</b>	
01	2 aux. SPDT switches
02	4 aux. SPDT switches
03	Rear Shaft
04	100Ω rear slidewire
05	100Ω rear slidewire, 2 switches
06	1000Ω rear slidewire
<b>NEMA 4 rated</b>	
41	100Ω rear slidewire and cover, NEMA 4
42	Two 100Ω rear slidewires and cover, NEMA 4
43	Three 100Ω rear slidewires and cover, NEMA 4
37	NEMA 4 cover

Voltage/Frequency	
0	120Vac, 60Hz

Slidewire	
3	1000Ω

Logo/Label	
0	Barber-Colman
E	Eurotherm

Specials	
00	None

## Specifications

### Torque:

550, 1100 and 1300 in–lbs

### Dimensions:

9-9/16" H x 9-1/2" W x 10-1/2" D

### Weight:

30 lbs

### Case:

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

### Motor and gear train:

Oil immersed

### Ambient temperature:

-40 to 130°F (-40 to 54°C)

### Humidity:

5 to 95% RH, non-condensing

### Power consumption:

190W

### Mounting:

Damper – Upright recommended

Valve – Any upright position with actuator above centerline of valve body