

EA12 Two Position Spring Return

MODEL

- Spring return two position operation
- 60 in-lbs torque - 20 sec. travel
- Oil immersed motor and gear train
- Compatible with VB series valves

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Eurotherm



Rotary Actuator Specification Sheet

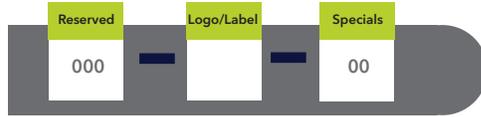
The Model EA12 actuator is a spring return gear driven crankshaft actuator for two position operation of dampers, valves or other equipment that requires return to normal position upon power interruption. The hardened steel crankshaft is driven through a train of precision hobbled gears. The actuator is driven by a shaded pole motor that is completely submerged in oil and sealed in an aluminum case to assure long life and minimum maintenance. The gear train of the EA12 crank actuator is also sealed in oil. Working in conjunction with primary loop controllers, these power units are ideal for ON-OFF control of valves and dampers. The EA12 travel time is 20 seconds and its travel limit is 170 degrees clockwise. The spring return is counterclockwise to the original position when de-energized.

The Model EA12-00000-000-0-00 is UL/CSA listed. All others models are UL/cUL listed. EA12 is compatible with the VB-7000 and VB-9000 valves in this catalog.

Specifications

- Control action: 2 Wire, ON-OFF
 Torque: 60 in-lbs - 20 sec no load travel time
 Shaft rotation: CW 170° - 20 Seconds when power applied
 Dimensions: 5-3/4" H x 5-3/8" W x 6-9/16" D
 Weight: 7lbs.
 Case: Die cast aluminum with 2 conduit openings
 Ambient temperature: -40 to 136°F (-40 to 58°C)
 Humidity: 5 to 95% RH, non-condensing
 Power consumption: 70 watts running, 25 watts holding
 Mounting: Output shaft horizontal. Allow 6" (152mm) clearance above wiring compartment
 Auxiliary switch (optional): SPDT - makes or breaks circuit at powered end of stroke
 120Vac - 2A full load, 12A locked rotor
 240Vac - 1A full load, 6A locked rotor

Ordering codes



Options		Logo/Label	
00	None	E	Eurotherm
08	One auxiliary SPDT switch		
Volts/Frequency		Specials	
0	120Vac, 60Hz	00	None
3	240Vac, 60Hz		
5	24Vac, 60Hz		

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