

V-3802-1

Oval Top Actuator

Description

The V-3802 Pneumatic Oval Top Actuator positions steam or water valve modulating plugs in response to a pneumatic signal from a controller.

Features

- designed for use where mounting space is restricted
- die cast aluminum housing and a molded, synthetic elastomer diaphragm that provides a constant effective area throughout the valve stem stroke
- comparatively small oval enclosed actuator has sufficient force to handle most seating pressures
- remove or reposition actuator by loosening a single set screw
- easily field mounted to the valve bonnet with a single set screw.

Repair Information

If the V-3802 Pneumatic Oval Top Actuator fails to operate within its specifications, replace the unit. Refer to the Accessories selection chart for replacement diaphragms. For a replacement actuator, contact the nearest Johnson Controls® representative.

Applications

VT Series Valves only. Also available to replace older, installed V-3800 Series Oval Top Actuators.

Not for use with VG7000 Series valves.

Selection Charts

V-3802 Pneumatic Oval Top Actuators

Code Number	Description
V-3802-1	Pneumatic Oval Top Actuator

Accessories for V-3802 Actuator

Code Number	Description
V-3100-611	Replacement Diaphragm for V-3802 Pneumatic Oval Top Actuator



V-3802-1 Compact Actuator on two-way valve

Technical Specifications

V-3802 Pneumatic Oval Top Actuators	
Media Temperature	281°F Maximum
Maximum Control Pressure	30 psig
Available Spring Ranges	3-6, 4-8, and 9-13 psi ¹
Air Connection	1/8 in. NPT Barbed Fitting for 5/32 in. O.D. Poly tubing
Size (in.)	2-7/16 H x 1-5/8 W x 4-31/32 Diameter

1. A spring is assembled with valve body, not in the actuator. For spring kits to field mount V-3802-1 to valve bodies, refer to *Valve Spring Kits Sorted by Valve Code Number Catalog Page (LIT-1924395)*, online or in the Johnson Controls® Valves and Actuators Catalog.

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