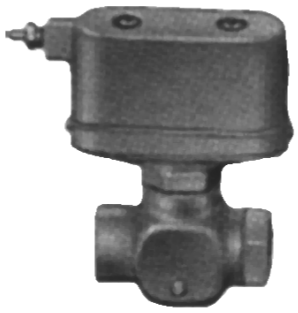
V-3802-1 Oval Top Actuator Catalog Page

2019-10-25 LIT-1924065

Description

Figure 1: V-3802-1 Compact Actuator on a Two-Way Valve



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

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 chart

Code number	Description
V-3802-1	Pneumatic oval top actuator

Accessories and repair parts

Code number	Description
V-3100-611	Replacement diaphragm for V-3802 Pneumatic Oval Top Actuator

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Technical specifications

V-3802-1 Oval Top Actuator	
Media temperature	281°F maximum
Maximum control pressure	30 psig
Available spring ranges	3 psi to 6 psi, 4 psi to 8 psi, and 9 psi to 13 psi [1]
Air connection	1/8 in. NPT barbed fitting for 5/32 in. O.D. polytubing

V-3802-1 Oval Top Actuator	
Size, in.	2-7/16 H x 1-5/8 W x 4-31/32 diameter

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

Product warranty

This product is covered by a limited warranty, details of which can be found at www.johnsoncontrols.com/buildingswarranty.

Single point of contact

APAC	Europe	NA/SA
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