

## V-3000 Series Pneumatic Actuator

### Description

The V-3000 Series Pneumatic Actuator can position steam or water valve-modulating plugs in response to a pneumatic signal from a controller.

Refer to the *V-3000 Pneumatic Valve Actuator Exposed or Enclosed Product Bulletin (LIT-977250)* for important product application information.

### Features

- molded synthetic rubber diaphragm design provides a constant effective area throughout the valve stem stroke
- die-cast aluminum housing coated with corrosion-resistant finish
- remove or reposition actuator by loosening a single set screw
- easily field mounted to the valve bonnet with a single set screw
- can be mounted to any of the V-3000, V-4000, or VT Series Valves (except V-3854)

### Applications

Used on 1/2 in. Flare Valves, VT Series Valves, and 3/4 to 1-1/2 Cage Trim Valves. This actuator is not used with VG7000 Series Valves.

### Repair Information

If the V-3000 Series Pneumatic Actuator fails to operate within its specifications, replace the unit. For a replacement actuator, contact the nearest Johnson Controls® representative.



Exposed V-3000-1 Actuator

### Selection Chart

Code Number	Description
V-3000-1	Exposed Yoke

### Accessories

Code Number	Description
V-3000-10	Valve Position Indicator
V-9502-15	Positioner Kit <sup>1</sup>

1. Refer to the *V-9502 Series Pneumatic Valve Actuator Positioners Product Bulletin (LIT-977265) Catalog Page (LIT-1924100)*.

### Technical Specifications

V-3000 Series Pneumatic Actuator	
Media Temperature	281°F Maximum
Maximum Control Pressure	30 psig
Available Spring <sup>1</sup> Ranges	3 to 6, 4 to 8, and 9 to 13 psig
Air Connection	1/8 in. NPT Barbed Fitting for 5/32 in. O.D. Poly tubing
Size, in.	3 H x 4-7/16 Diameter

1. A spring is assembled with the valve body, not in the actuator. For spring kits to field mount V-3000-1 to valve bodies, refer to the *Valve Spring Kits Sorted by Valve Code Number Catalog Page (LIT-1924395)*.