

V-3000 Series

Pneumatic Actuator



Exposed V-3000-1 Actuator

Description

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

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. Refer to *Linkage Kits for Field Coupling Johnson Controls Actuators to Johnson Controls Valves*.
- 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.

To Order

Specify code number from the selection chart below. For available combinations, also refer to *Pneumatic Valve and Actuator Selection Charts*.

Selection Chart

Code Number	Description
V-3000-1	Exposed Yoke

Accessories for Exposed Model (Order Separately)

Code Number	Description
V-3000-10	Valve Position Indicator
V-9502-15	Positioner Kit

Note: Also refer to *EPP-1000 Electro-Pneumatic Positioner*, *V-9000-500 Positioner*, and *V-9502 Pneumatic Valve Actuator Positioner*.

Specifications

V-3000 Series Actuators	
Media Temperature	281°F Maximum
Maximum Control Pressure	30 psig
Available Spring Ranges	3-6, 4-8, and 9-13 psig ^(a)
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

(a) A spring is assembled with the valve body, not in the actuator. For available assembled valve/actuator combinations, refer to *Pneumatic Valve and Actuator Selection Charts*. For spring kits to field mount V-3000-1 to valve bodies, refer to *Valve Spring Kits Sorted by Valve Code Number*.