

V-9000 Series Pneumatic Rotary Motion Actuators (Continued)

Accessories: Mounting Kits¹ for Field Mounting Industrial-Grade V-9000 Series High Pressure Pneumatic Actuators to Two-Way ANSI Class 300 VF Series High-Pressure, High-Temperature Butterfly Valves

Valve Size, in.	Industrial-Grade V-9000 Series High Pressure Pneumatic Actuator						
	V-9x93	V-9x94-1	V-9x94-2	V-9x95	V-9x96	V-9x97	V-9x98
2-1/2	V-9094-430	V-9094-430	V-9095-430	---	---	---	---
3	V-9094-430	V-9094-430	V-9095-430	---	---	---	---
4	---	---	V-9095-430	V-9095-430	---	---	---
5	---	---	V-9095-530	V-9095-530	V-9096-530	---	---
6	---	---	---	V-9095-630	V-9096-630	---	---
8	---	---	---	---	V-9096-830	V-9097-830	---
10	---	---	---	---	---	V-9097-1230	---
12	---	---	---	---	---	V-9097-1230	---
14	---	---	---	---	---	---	V-9098-1430

1. Mounting kit contains a bracket, adaptor, and mounting hardware.

Accessories: Plastic Position Indicators

Actuator Series	Code Number ¹
V-9x92	V-9092-611
V-9x93	V-9093-611
V-9x94-1x	V-9094-6111
V-9x94-2x	V-9094-6112
V-9x95	V-9095-611
V-9x96	V-9096-611
V-9x97	V-9097-611
V-9x98	V-9098-611

1. For actuators manufactured after April 1, 1992.

Technical Specifications

V-9000 Series Pneumatic Rotary Motion Actuators		
Models	V-909x Series	Rack and Pinion, Double Acting Actuators
	V-919x Series	Rack and Pinion, Spring Return Actuators
Supply Pressure	Nominal 60 to 80 psig (420 to 560 kPa); Minimum 40 psig (280 kPa); Maximum 140 psig (980 kPa); Air Supply Must Be Clean, Dry, and Oil Free	
Ambient Temperature Limits	-13 to 200°F (-25 to 93°C)	
Materials	Body	Extruded Aluminum, Anodized (Red Paint Color)
	End Caps	Die Cast Aluminum, Polyester Coated (Red Color)
	Pistons	Die Cast Aluminum
	Output Shaft	Carbon Steel, Zinc Plated
	Piston Guides	Acetal
	Springs	Spring Steel, Zinc Plated
O-Ring Seals	Buna-N-Rubber	

Dimensions (in.)

	V-9x92	V-9x93	V-9x94-1	V-9x94-2	V-9x96	V-9x97	V-9x98
Height	4-15/16	5-7/32	5-9/16	6-15/16	9-3/8	11-5/8	13-15/32
Length	6	7-29/32	8-15/16	12-1/8	15-15/32	18-15/16	26-23/32
Width	2-25/32	3-19/32	3-31/32	4-3/4	6-25/32	8-27/32	10-3/4

LIT-1924250

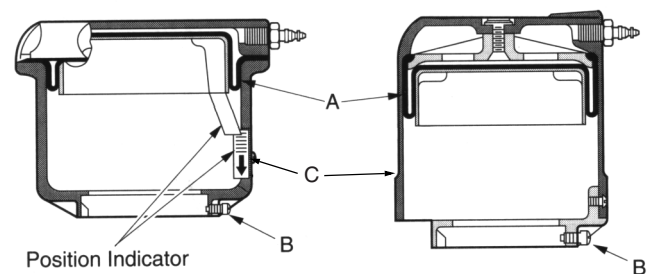
Repair Parts and Replacement Diaphragms for V-3000 Actuators

Description

The repair parts listed can extend the service life of the V-3000 Series actuators. All parts can be replaced without removing the valve from the system.

Selection Chart

Code Number	Callout	Description
V-3000-6000	A	Diaphragm for Exposed Actuator (V-3000-1 Only)
V-3000-6001		Diaphragm for Enclosed Actuator (V-3000-2 and V-3000-8003)
V-3100-6043	B	10-32 x 1/2 UNF-2A Set Screw (Package of 10)
V-3000-6005	C	Spider for V-3008
V-3000-6006		Spider for V-3002
V-3000-6004	---	Conversion Kit for #1-1/2 and #2 "Sylphon" Top Actuator



Repair Parts, V-3000 Actuator