

D-3153, D-3244, D-3246 Pneumatic Actuators for VF Series Butterfly Valves

Description

The D-3153, D-3244, and D-3246 Pneumatic Actuators position the VF Butterfly Valve's disc in response to a pneumatic signal from a controller.

Refer to the *VF Series M9000 Electrically and D-3000 Pneumatically Actuated Standard-Pressure, Standard-Temperature Butterfly Valves Product Bulletin (LIT-977202)* for important product application information.

Features

Easily field mounted to VF Series Two-Way Butterfly Valves.

Applications

Used with VF Series Electric Butterfly Valves, 2 through 20 in., Two-Way and Three-Way.

Repair Information

If the D-3153, D-3244, or D-3246 Pneumatic Actuator fails to operate within its specifications, replace the unit. For a replacement actuator, contact the nearest Johnson Controls® representative.

Selection Chart

Code Number	Description	VF Series Butterfly Valve Size
D-3153-5120	Pneumatic Actuator with D-9502 Positioner For Use with VF Series Butterfly Valves	2, 2.5, 3 in. High Pressure, 4 in. Low Pressure
D-3153-5130	Pneumatic Actuator For Use with VF Series Butterfly Valves	2, 2.5, 3 in. High Pressure, 4 in. Low Pressure
D-3244-5100	Pneumatic Actuator with D-9502 Positioner For Use with VF Series Butterfly Valves	4 in. High Pressure, 5 in. Low Pressure
D-3244-5110	Pneumatic Actuator For Use with VF Series Butterfly Valves	4 in. High Pressure, 5 in. Low Pressure
D-3246-5100	Pneumatic Actuator with D-9502 Positioner For Use with VF Series Butterfly Valves	5 in. High Pressure, 6 in. High or Low Pressure, 8 or 10 in. Low Pressure
D-3246-5110	Pneumatic Actuator For Use with VF Series Butterfly Valves	5 in. High Pressure, 6 in. High or Low Pressure, 8 or 10 in. Low Pressure

Accessories

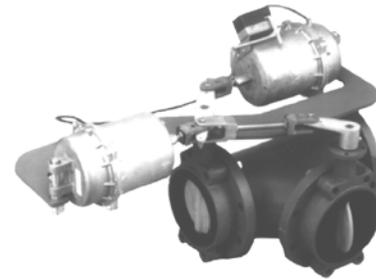
Actuator Series	Replacement Diaphragm
D-3153 Series	D-3153-600
D-3244 and D-3246 Series	D-3244-615

Technical Specifications

D-3153, D-3244, D-3246 Pneumatic Actuators for VF Series Butterfly Valves	
Maximum Control Pressure	25 psig (175 kPa) Maximum Except D-3153 without Positioner, 30 psig (210 kPa) Maximum
Temperature Limits	-20 to 150° F (-29 to 66° C)
Available Spring Range	8 to 13 psig (56 to 91 kPa)
Air Connection	1/8 in. NPT Barbed Fitting for 5/32 or 1/4 in. O.D. Poly tubing



Two-Way VF Series Butterfly Valve with D-3153 Actuator



Three-Way VF Series Butterfly Valve with Tandem D-3246 Actuators