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

Description

Figure 1: Two-Way VF Series Butterfly Valve with D-3153 Actuator



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 andD-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

Table 1: 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

Johnson Controls

Accessories

Table 2: Accessories

Actuator series	Replacement diaphragm
D-3153 Series	D-3153-600
D-3244 and D-3246 Series	D-3244-615

Technical specifications

Table 3: 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

Table 3: Technical specifications

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

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
JOHNSON CONTROLS C/O CONTROLS PRODUCT MANAGEMENT NO. 32 CHANGJIANG RD NEW DISTRICT WUXI JIANGSU PROVINCE 214028 CHINA	JOHNSON CONTROLS VOLTAWEG 20 6101 XK ECHT THE NETHERLANDS	JOHNSON CONTROLS 507 E MICHIGAN ST MILWAUKEE WI 53202 USA

© 2021 Johnson Controls. All rights reserved. All specifications and other information shown were current as of document revision and are subject to change without notice.
www.johnsoncontrols.com

Johnson Controls