

VF Series

Two-Way, Industrial-Grade, Non-Spring Return, High Pressure Pneumatic Actuated, Standard-Pressure, Standard-Temperature Butterfly Valve Assemblies



Description

- non-spring return (drive open, drive closed)
- ANSI Class 125/150 flanges
- valve body: cast iron
- disc: ductile iron coated with Nylon 11
- valve stem: 2 through 12 in. 416 stainless steel; 14 through 20 in. 304 stainless steel
- seat: EPDM
- fluid temperature rating: -30 to 250°F
- actuator ambient temperature rating: -13 to 200°F
- air supply pressure: 70 to 90 psig (80 psig nominal; 140 psig maximum)

- actuator body material: anodized extruded aluminum
- actuator end caps: polyester coated cast aluminum
- valve assemblies for On/Off applications come with a 24 or 120 VAC solenoid valve with speed controls
- valve assemblies for proportional applications come with a valve actuator positioner

To Order

Specify the code number from the Selection Chart.

Selection Chart

Size, in.	Actuator			On/Off ^(a)	Proportional (With Positioner)
	Cv at 90°	Cv at 60°	Closeoff		
Two-Way Butterfly Valve Assemblies – 150 or 175 psig Closeoff Pressure; 75 psig Dead-End Service					
2	144	61	175	VFC-020HB-020C	VFC-020HB-020B
2-1/2	282	107	175	VFC-025HB-020C	VFC-025HB-020B
3	461	154	175	VFC-030HB-020C	VFC-030HB-020B
4	841	274	175	VFC-040HB-030C	VFC-040HB-030B
5	1,376	428	175	VFC-050HB-030C	VFC-050HB-030B
6	1,850	567	175	VFC-060HB-030C	VFC-060HB-030B
8	3,316	1,081	175	VFC-080HB-042C	VFC-080HB-042B
10	5,430	1,710	175	VFC-100HB-060C	VFC-100HB-060B
12	8,077	2,563	175	VFC-120HB-060C	VFC-120HB-060B
14	10,538	3,384	150	VFC-140HC-060C	VFC-140HC-060B
16	13,966	4,483	150	VFC-160HC-070C	VFC-160HC-070B
18	17,214	5,736	150	VFC-180HC-070C	VFC-180HC-070B
20	22,339	7,144	150	VFC-200HC-080C	VFC-200HC-080B
Two-Way Butterfly Valve Assemblies – 50 psig Closeoff Pressure; Not Rated for Dead-End Service					
4	841	274	50	VFC-040LB-030C	VFC-040LB-030B
5	1,376	428	50	VFC-050LB-030C	VFC-050LB-030B
6	1,850	567	50	VFC-060LB-030C	VFC-060LB-030B
8	3,316	1,081	50	VFC-080LB-042C	VFC-080LB-042B
10	5,430	1,710	50	VFC-100LB-042C	VFC-100LB-042B
12	8,077	2,563	50	VFC-120LB-042C	VFC-120LB-042B
14	10,538	3,384	50	VFC-140LC-060C	VFC-140LC-060B
16	13,966	4,483	50	VFC-160LC-060C	VFC-160LC-060B
18	17,214	5,736	50	VFC-180LC-070C	VFC-180LC-080B
20	22,339	7,144	50	VFC-200LC-070C	VFC-200LC-070B

(a) On/Off assemblies come with a 120 VAC solenoid valve and speed controls. If a 24 VAC solenoid valve is desired, change the "C" at the end of the code number to an "E".