

VF Series

# Two-Way, Manually Operated, High-Pressure, High-Temperature Butterfly Valve Assemblies



### Description

- ANSI Class 150 and 300 flanges
- valve body: carbon steel
- disc: stainless steel
- valve stem: stainless steel
- seat: RPTFE
- fluid temperature rating: -20 to 450°F

### To Order

Specify the code number from the Selection Chart.

### Selection Chart

Actuator				Ten-Position Manual Handle	Gear-Operated Manual Hand Wheel
Size, in.	Cv at 90°	Cv at 60°	Closeoff		
<b>Two-Way Butterfly Valve Assemblies – ANSI Class 300 Flanges <sup>(a)</sup></b>					
2-1/2	160	78	550 psig	VFM-025ZE-000M	VFM-025ZE-000G
3	185	123		VFM-030ZE-000M	VFM-030ZE-000G
4	375	250		VFM-040ZE-000M	VFM-040ZE-000G
5	790	360		VFM-050ZE-000M	VFM-050ZE-000G
6	1,000	530		VFM-060ZE-000M	VFM-060ZE-000G
8	2,000	950		---	VFM-080ZE-000G
10	2,650	1,200		---	VFM-100ZE-000G
12	4,000	1,690		---	VFM-120ZE-000G
14	3,900	1,570		---	VFM-140ZE-000G
<b>Two-Way Butterfly Valve Assemblies – ANSI Class 150 Flanges <sup>(b)</sup></b>					
2-1/2	160	78	240 psig	VFM-025VE-000M	VFM-025VE-000G
3	185	123		VFM-030VE-000M	VFM-030VE-000G
4	375	250		VFM-040VE-000M	VFM-040VE-000G
5	790	360		VFM-050VE-000M	VFM-050VE-000G
6	1,350	510		VFM-060VE-000M	VFM-060VE-000G
8	2,800	1,060		---	VFM-080VE-000G
10	4,300	1,630		---	VFM-100VE-000G
12	6,650	2,530		---	VFM-120VE-000G
14	7,650	2,900		---	VFM-140VE-000G

(a) Maximum closeoff pressure for ANSI Class 300 valves is 740 psig for fluid temperatures below 100°F, and 550 psig for fluid temperatures at 250°F. Maximum steam pressure is 150 psig for On/Off service and 50 psig for modulating service.

(b) Maximum closeoff pressure for ANSI Class 150 valves is 280 psig for fluid temperatures below 100°F, and 240 psig for fluid temperatures at 250°F. Maximum steam pressure is 150 psig for On/Off service and 50 psig for modulating service.