



Electric Actuated Butterfly Valves

TWO-WAY, NON-SPRING RETURN, STANDARD-TEMPERATURE, STANDARD-PRESSURE, BUTTERFLY VALVE ASSEMBLIES



- Non-spring return (drive open, drive closed)
- ANSI Class 125/150 flanges
- Valve body: cast iron
- Disk: 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 rating:-40 to 150°F
- Actuator resolution: 100 positions
- Manual opener: standard
- Internal heater: standard
- Modulating input: 0(2) to 10 VDC or 4 to 20 mA; auto calibration (VA-907x-1 actuators only) 4 to 20 mA (VA-900x-1 actuators)
- 120 VAC or 24 VAC input voltage
- NEMA 4X water-tight, corrosion resistant enclosure
- Thermal overload protection

ELECTRIC ACTUATED BUTTERFLY VALVES

SIZE IN.	Cv AT 90°	Cv AT 70°	CLOSEOFF PSIG	AC 120 V POWERED ACTUATOR		AC 24 V POWERED ACTUATOR	
				ON/OFF	0 TO 10 VDC PROPORTIONAL	ON/OFF	0 TO 10 VDC PROPORTIONAL
				TWO-WAY, NON-SPRING	RETURN - 150 OR 175 PSIG	CLOSEOFF PRESSURE; 75	PSIG DEAD-END SERVICE
2	144	84	175	VFC-020HB-722D	VFC-020HB-702N	VFC-020HB-722D4	VFC-020HB-702N4
2-1/2	282	163	175	VFC-025HB-722D	VFC-025HB-702N	VFC-025HB-722D4	VFC-025HB-702N4
3	461	267	175	VFC-030HB-722D	VFC-030HB-702N	VFC-030HB-722D4	VFC-030HB-702N4
4	841	496	175	VFC-040HB-722D	VFC-040HB-702N	VFC-040HB-722D4	VFC-040HB-702N4
5	1,376	775	175	VFC-050HB-723D	VFC-050HB-703N	VFC-050HB-725D4	VFC-050HB-705N4
6	1,850	1,025	175	VFC-060HB-723D	VFC-060HB-703N	VFC-060HB-725D4	VFC-060HB-705N4
8	3,316	1,862	175	VFC-080HB-725D	VFC-080HB-705N	VFC-080HB-725D4	VFC-080HB-705N4
10	5,430	2,948	175	VFC-100HB-726D	VFC-100HB-706N	VFC-100HB-727D4	VFC-100HB-707N4
12	8,077	4,393	175	VFC-120HB-727D	VFC-120HB-707N	VFC-120HB-727D4	VFC-120HB-707N4
14	10,538	5,939	150	VFC-140HC-728D	VFC-140HC-708N	—————	—————
16	13,966	7,867	150	VFC-160HC-927D	VFC-160HC-907N	—————	—————
18	17,214	10,065	150	VFC-180HC-928D	VFC-180HC-908N	—————	—————
20	22,339	12,535	150	VFC-200HC-928D	VFC-200HC-908N	—————	—————
				TWO-WAY, NON-SPRING	RETURN - 50 PSIG	CLOSEOFF PRESSURE; NOT RATED	FOR DEAD-END SERVICE
4	841	496	50	VFC-040LB-722D	VFC-040LB-702N	VFC-040LB-722D4	VFC-040LB-702N4
5	1,376	775	50	VFC-050LB-722D	VFC-050LB-702N	VFC-050LB-722D4	VFC-050LB-702N4
6	1,850	1,025	50	VFC-060LB-722D	VFC-060LB-702N	VFC-060LB-722D4	VFC-060LB-702N4
8	3,316	1,862	50	VFC-080LB-723D	VFC-080LB-703N	VFC-080LB-725D4	VFC-080LB-705N4
10	5,430	2,948	50	VFC-100LB-725D	VFC-100LB-705N	VFC-100LB-725D4	VFC-100LB-705N4
12	8,077	4,393	50	VFC-120LB-726D	VFC-120LB-706N	VFC-120LB-727D4	VFC-120LB-707N4
14	10,538	5,939	50	VFC-140LC-727D	VFC-140LC-707N	VFC-140LC-727D4	VFC-140LC-707N4
16	13,966	7,867	50	VFC-160LC-727D	VFC-160LC-707N	VFC-160LC-727D4	VFC-160LC-707N4
18	17,214	10,065	50	VFC-180LC-728D	VFC-180LC-708N	—————	—————
20	22,339	12,535	50	VFC-200LC-728D	VFC-200LC-708N	—————	—————



Electric Actuated Butterfly Valves



THREE-WAY, NON-SPRING RETURN, STANDARD-TEMPERATURE, STANDARD-PRESSURE, BUTTERFLY VALVE ASSEMBLIES

- Non-spring return (drive open, drive closed)
- ANSI Class 125/150 flanges
- Valve body: cast iron
- Disk: ductile iron coated with Nylon 11
- Valve stem: 2 through 12 in. 416 stainless steel
- Seat: EPDM
- Fluid temperature rating: -30 to 250°F
- Actuator ambient rating: -40 to 150°F
- Actuator resolution: 100 positions
- Manual opener: standard
- Internal heater: standard
- Modulating input: 0(2) to 10 VDC or 4 to 20 mA; auto calibration (VA-907x-1 actuators only)
- 120 VAC or 24 VAC input voltage
- NEMA 4X water-tight, corrosion resistant enclosure
- Thermal overload protection

ELECTRIC ACTUATED BUTTERFLY VALVES

SIZE IN.	Cv AT 90°	Cv AT 70°	CLOSEOFF PSIG	AC 120 V POWERED ACTUATOR		AC 24 V POWERED ACTUATOR	
				ON/OFF	0 TO 10 VDC PROPORTIONAL	ON/OFF	0 TO 10 VDC PROPORTIONAL
THREE-WAY, NON-SPRING RETURN – 150 OR 175 PSIG CLOSEOFF PRESSURE; 75 PSIG DEAD-END SERVICE ^(a)							
2	144	84	175	VFD-020HB-722D	VFD-020HB-702N	VFD-020HB-722D4	VFD-020HB-702N4
2-1/2	282	163	175	VFD-025HB-722D	VFD-025HB-702N	VFD-025HB-722D4	VFD-025HB-702N4
3	461	267	175	VFD-030HB-722D	VFD-030HB-702N	VFD-030HB-722D4	VFD-030HB-702N4
4	841	496	175	VFD-040HB-723D	VFD-040HB-703N	VFD-040HB-725D4	VFD-040HB-705N4
5	1,376	775	175	VFD-050HB-723D	VFD-050HB-703N	VFD-050HB-725D4	VFD-050HB-705N4
6	1,850	1,025	175	VFD-060HB-724D	VFD-060HB-704N	VFD-060HB-725D4	VFD-060HB-705N4
8	3,316	1,862	175	VFD-080HB-725D	VFD-080HB-705N	VFD-080HB-725D4	VFD-080HB-705N4
10	5,430	2,948	175	VFD-100HB-727D	VFD-100HB-707N	VFD-100HB-727D4	VFD-100HB-707N4
12	8,077	4,393	175	VFD-120HB-728D	VFD-120HB-708N	—	—
THREE-WAY, NON-SPRING RETURN – 50 PSIG CLOSEOFF PRESSURE; NOT RATED FOR DEAD-END SERVICE ^(a)							
4	841	496	50	VFD-040LB-722D	VFD-040LB-702N	VFD-040LB-722D4	VFD-040LB-702N4
5	1,376	775	50	VFD-050LB-722D	VFD-050LB-702N	VFD-050LB-722D4	VFD-050LB-702N4
6	1,850	1,025	50	VFD-060LB-723D	VFD-060LB-703N	VFD-060LB-725D4	VFD-060LB-705N4
8	3,316	1,862	50	VFD-080LB-724D	VFD-080LB-704N	VFD-080LB-725D4	VFD-080LB-705N4
10	5,430	2,948	50	VFD-100LB-725D	VFD-100LB-705N	VFD-100LB-725D4	VFD-100LB-705N4
12	8,077	4,393	50	VFD-120LB-727D	VFD-120LB-707N	VFD-120LB-727D4	VFD-120LB-707N4

(a) Code numbers listed above are three-way valves, style "D". For styles "E", "F", or "G" change the "D" in the third digit of the code number to the desired style.
 Example: VFE-xxxxx-xxxx, VFF-xxxxx-xxxx, VFG-xxxxx-xxxx

