






## Flowrite **Globe** Valve Electronic NSR Actuator Assemblies

ANSI Class 125

- Stainless Steel Trim
- Flanged
- Standard Temperature Range is 20° F to 250° F (-7° C to 120° C)
- High Temperature Range is 337° F max. (170° C)



NO/NC Linear Flanged 2-1/2 to 6"			Non-Spring Return Actuator			
			Floating	Floating	Floating	
2-way Valve Body Part No.	Flow Rate Cv	Valve Size in.				
			SKD82.50U	SKB82.50U	SKC82.60U	
			<b>Normally Open</b>			
	<b>Close-off psi — Stainless Steel Trim/Standard Temperature Packing</b>					
	599-06060	63	2-1/2	38 <b>275-06060</b>	153 <b>290-06060</b>	—
	599-06061	100	3	25 <b>275-06061</b>	101 <b>290-06061</b>	—
	599-06062	160	4	—	—	65 <b>293-06062</b>
	599-06063	250	5	—	—	42 <b>293-06063</b>
	599-06064	400	6	—	—	29 <b>293-06064</b>
	<b>Close-off psi — Stainless Steel Trim/High Temperature Packing</b>					
	599-06040	63	2-1/2	38 <b>275-06040</b>	153 <b>290-06040</b>	—
	599-06041	100	3	25 <b>275-06041</b>	101 <b>290-06041</b>	—
	599-06042	160	4	—	—	65 <b>293-06042</b>
	599-06043	250	5	—	—	42 <b>293-06043</b>
	599-06044	400	6	—	—	29 <b>293-06044</b>
	<b>Normally Closed</b>					
		<b>Close-off psi — Stainless Steel Trim/Standard Temperature Packing</b>				
599-06070		63	2-1/2	34 <b>275-06070</b>	97 <b>290-06070</b>	—
599-06071		100	3	22 <b>275-06071</b>	63 <b>290-06071</b>	—
599-06072		160	4	—	—	39 <b>293-06072</b>
599-06073		250	5	—	—	25 <b>293-06073</b>
599-06074		400	6	—	—	17 <b>293-06074</b>
<b>Close-off psi — Stainless Steel Trim/High Temperature Packing</b>						
599-06050		63	2-1/2	34 <b>275-06050</b>	97 <b>290-06050</b>	—
599-06051		100	3	22 <b>275-06051</b>	63 <b>290-06051</b>	—
599-06052		160	4	—	—	39 <b>293-06052</b>
599-06053		250	5	—	—	25 <b>293-06053</b>
599-06054		400	6	—	—	17 <b>293-06054</b>

**Table Notes:**







Part numbers in red indicate complete assemblies. Black numbers indicate close-off psi.

# Flowrite **Globe** Valve Pneumatic SR Actuator Assemblies

ANSI Class 125



- Bronze and Stainless Steel Trim
- Flanged

Mixing Linear Flanged 2-1/2 to 6"			Spring Return Actuator										
			8" 20 mm Stroke	12" 20 mm Stroke	12" 40 mm Stroke	8" w/Positioner 20 mm Stroke	12" w/Positioner 20 mm Stroke	12" w/Positioner 40 mm Stroke					
3-way Valve Body Part No.	Flow Rate Cv	Valve Size in.											
			599-01050	599-01010	599-01000	599-01050 + 599-00426	599-01010 + 599-00423	599-01000 + 599-00423					
<b>Close-off psi — Brass Trim</b>													
599-06160	63	2-1/2	36	<b>277-06160</b>	114	<b>279-06160</b>	—	36	<b>283-06160</b>	114	<b>285-06160</b>	—	
599-06161	100	3	23	<b>277-06161</b>	74	<b>279-06161</b>	—	23	<b>283-06161</b>	74	<b>285-06161</b>	—	
599-06162	160	4	—	—	—	—	46	<b>281-06162</b>	—	—	—	46	<b>287-06162</b>
599-06163	250	5	—	—	—	—	29	<b>281-06163</b>	—	—	—	29	<b>287-06163</b>
599-06164	400	6	—	—	—	—	20	<b>281-06164</b>	—	—	—	20	<b>287-06164</b>
<b>Close-off psi — Stainless Steel Trim</b>													
599-06165	63	2-1/2	36	<b>277-06165</b>	114	<b>279-06165</b>	—	36	<b>283-06165</b>	114	<b>285-06165</b>	—	
599-06166	100	3	23	<b>277-06166</b>	74	<b>279-06166</b>	—	23	<b>283-06166</b>	74	<b>285-06166</b>	—	
599-06167	160	4	—	—	—	—	46	<b>281-06167</b>	—	—	—	46	<b>287-06167</b>
599-06168	250	5	—	—	—	—	29	<b>281-06168</b>	—	—	—	29	<b>287-06168</b>
599-06169	400	6	—	—	—	—	20	<b>281-06169</b>	—	—	—	20	<b>287-06169</b>

**Table Notes:**

Part numbers in red indicate complete assemblies.

Black numbers indicate close-off psi.

Values in chart are for 0 psi supplied to the actuator.

For 3 way valves, values are for the NC upper port. For NO lower port values, refer to the Engineering Section I.

D-38

Valves

## Flowrite **Globe** Valve Electronic SR/NSR Actuator Assemblies ANSI Class 125

- Bronze and Stainless Steel Trim
- Flanged









Mixing Linear Flanged 2-1/2 to 6"			Spring Return Actuator										
			Floating	Floating	Floating	0-10 Vdc 4-20 mA	0-10 Vdc 4-20 mA	0-10 Vdc 4-20 mA					
3-way Valve Body Part No.	Flow Rate Cv	Valve Size in.											
			SKD82.51U	SKB82.51U	SKC82.61U	SKD62U	SKB62U	SKC62U					
<b>Close-off psi — Bronze Trim</b>													
599-06160	63	2-1/2	34	276-06160	97	289-06160	—	34	274-06160	97	291-06160	24	296-06160
599-06161	100	3	22	276-06161	63	289-06161	—	22	274-06161	63	291-06161	15	296-06161
599-06162	160	4	—	—	—	—	39	292-06162	—	—	—	—	—
599-06163	250	5	—	—	—	—	25	292-06163	—	—	—	—	—
599-06164	400	6	—	—	—	—	17	292-06164	—	—	—	—	—
<b>Close-off psi — Stainless Steel Trim</b>													
599-06165	63	2-1/2	34	276-06165	97	289-06165	—	34	274-06165	97	291-06165	24	296-06165
599-06166	100	3	22	276-06166	63	289-06166	—	22	274-06166	63	291-06166	15	296-06166
599-06167	160	4	—	—	—	—	39	292-06167	—	—	—	—	—
599-06168	250	5	—	—	—	—	25	292-06168	—	—	—	—	—
599-06169	400	6	—	—	—	—	17	292-06169	—	—	—	—	—

Table Notes: Part numbers in red indicate complete assemblies. Black numbers indicate close-off psi.




Mixing Linear Flanged 2-1/2 to 6"			Non-Spring Return Actuator			
			Floating	Floating	Floating	
3-way Valve Body Part No.	Flow Rate Cv	Valve Size in.				
			SKD82.50U	SKB82.50U	SKC82.60U	
<b>Close-off psi — Bronze Trim</b>						
599-06160	63	2-1/2	34	275-06160	97	290-06160
599-06161	100	3	22	275-06161	63	290-06161
599-06162	160	4	—	—	39	293-06162
599-06163	250	5	—	—	25	293-06163
599-06164	400	6	—	—	17	293-06164
<b>Close-off psi — Stainless Steel Trim</b>						
599-06165	63	2-1/2	34	275-06165	97	290-06165
599-06166	100	3	22	275-06166	63	290-06166
599-06167	160	4	—	—	39	293-06167
599-06168	250	5	—	—	25	293-06168
599-06169	400	6	—	—	17	293-06169

Table Notes: Part numbers in red indicate complete assemblies. Black numbers indicate close-off psi. For 3 way valves, values are for the NC upper port. For NO lower port values, refer to the Engineering Section I.







# Flowrite High Pressure Close-off **Globe** Valve Pneumatic SR Actuator Assemblies

**NEW!**

ANSI Class 125



- Stainless Steel Trim
- Flanged Iron Body
- Pressure Balanced Plug
- 200 psi Close-off

NO/NC Equal Percentage Flanged 2-1/2 to 6"			Spring Return Actuator						
2-way Valve Body Part No.	Flow Rate Cv	Valve Size in.	8" w/Positioner 20 mm Stroke	12" w/Positioner 40 mm Stroke	0-10 Vdc 4-20 mA	0-10 Vdc 4-20 mA			
			 599-01050 + 599-00426	 599-01000 + 599-00423	 SKD62U	 SKC62U			
<b>Normally Open</b>									
<b>Close-off psi — Stainless Steel Trim</b>									
	599-06610	63	2-1/2	200	<b>283-06610</b>	—	200	<b>274-06610</b>	—
	599-06611	100	3	200	<b>283-06611</b>	—	200	<b>274-06611</b>	—
	599-06612	160	4	—	200	<b>287-06612</b>	—	200	<b>294-06612</b>
	599-06613	250	5	—	200	<b>287-06613</b>	—	200	<b>294-06613</b>
	599-06614	400	6	—	200	<b>287-06614</b>	—	200	<b>294-06614</b>
<b>Normally Closed</b>									
<b>Close-off psi — Stainless Steel Trim</b>									
	599-06615	63	2-1/2	200	<b>283-06615</b>	—	200	<b>274-06615</b>	—
	599-06616	100	3	200	<b>283-06616</b>	—	200	<b>274-06616</b>	—
	599-06617	160	4	—	200	<b>287-06617</b>	—	200	<b>294-06617</b>
	599-06618	250	5	—	200	<b>287-06618</b>	—	200	<b>294-06618</b>
	599-06619	400	6	—	200	<b>287-06619</b>	—	200	<b>294-06619</b>

**Table Notes:**

Part numbers in red indicate complete assemblies. Black numbers indicate close-off psi.

D-40

Valves







## Flowrite High Pressure Close-off **Globe** Valve Pneumatic SR Actuator Assemblies



ANSI Class 250

- Stainless Steel Trim
- Flanged Iron Body
- Pressure Balanced Plug
- 200 psi Close-off



NO/NC Equal Percentage Flanged 2-1/2 to 6"			Spring Return Actuator							
			8" w/Positioner 20 mm Stroke	12" w/Positioner 40 mm Stroke	0-10 Vdc 4-20 mA	0-10 Vdc 4-20 mA				
2-way Valve Body Part No.	Flow Rate Cv	Valve Size in.	 599-01050 + 599-00426	 599-01000 + 599-00423	 SKD62U	 SKC62U				
<b>Normally Open</b>										
<b>Close-off psi — Stainless Steel Trim</b>										
	599-06620	63	2-1/2	200	<b>283-06620</b>	—	200	<b>274-06620</b>	—	
	599-06621	100	3	200	<b>283-06621</b>	—	200	<b>274-06621</b>	—	
	599-06622	160	4	—	—	200	<b>287-06622</b>	—	200	<b>294-06622</b>
	599-06623	250	5	—	—	200	<b>287-06623</b>	—	200	<b>294-06623</b>
	599-06624	400	6	—	—	200	<b>287-06624</b>	—	200	<b>294-06624</b>
<b>Normally Closed</b>										
<b>Close-off psi — Stainless Steel Trim</b>										
	599-06625	63	2-1/2	200	<b>283-06625</b>	—	200	<b>274-06625</b>	—	
	599-06626	100	3	200	<b>283-06626</b>	—	200	<b>274-06626</b>	—	
	599-06627	160	4	—	—	200	<b>287-06627</b>	—	200	<b>294-06627</b>
	599-06628	250	5	—	—	200	<b>287-06628</b>	—	200	<b>294-06628</b>
	599-06629	400	6	—	—	200	<b>287-06629</b>	—	200	<b>294-06629</b>

**Table Notes:**  
Part numbers in red indicate complete assemblies. Black numbers indicate close-off psi.

D-41

Valves

# Flowrite **Globe** Valve Pneumatic SR Actuator Assemblies







ANSI Class 250



- Bronze and Stainless Steel Trim
- Flanged

D-42

Valves

NO/NC Equal Percentage Flanged 2-1/2 to 6"			Spring Return Actuator						
2-way Valve Body Part No.	Flow Rate Cv	Valve Size in.	8" 20 mm Stroke	12" 20 mm Stroke	12" 40 mm Stroke	8" w/Positioner 20 mm Stroke	12" w/Positioner 20 mm Stroke	12" w/Positioner 40 mm Stroke	
									
			599-01050	599-01010	599-01000	599-01050 + 599-00426	599-01010 + 599-00423	599-01000 + 599-00423	
<b>Normally Open</b>									
<b>Close-off psi — Bronze Trim</b>									
599-05940	63	2-1/2	31 <b>277-05940</b>	95 <b>279-05940</b>	—	31 <b>283-05940</b>	95 <b>285-05940</b>	—	
599-05941	100	3	20 <b>277-05941</b>	63 <b>279-05941</b>	—	20 <b>283-05941</b>	63 <b>285-05941</b>	—	
599-05942	160	4	—	—	40 <b>281-05942</b>	—	—	40 <b>287-05942</b>	
599-05943	250	5	—	—	26 <b>281-05943</b>	—	—	26 <b>287-05943</b>	
599-05944	400	6	—	—	18 <b>281-05944</b>	—	—	18 <b>287-05944</b>	
<b>Close-off psi — Stainless Steel Trim</b>									
599-05920	63	2-1/2	31 <b>277-05920</b>	95 <b>279-05920</b>	—	31 <b>283-05920</b>	95 <b>285-05920</b>	—	
599-05921	100	3	20 <b>277-05921</b>	63 <b>279-05921</b>	—	20 <b>283-05921</b>	63 <b>285-05921</b>	—	
599-05922	160	4	—	—	40 <b>281-05922</b>	—	—	40 <b>287-05922</b>	
599-05923	250	5	—	—	26 <b>281-05923</b>	—	—	26 <b>287-05923</b>	
599-05924	400	6	—	—	18 <b>281-05924</b>	—	—	18 <b>287-05924</b>	
<b>Normally Closed</b>									
<b>Close-off psi — Bronze Trim</b>									
599-05950	63	2-1/2	36 <b>277-05950</b>	114 <b>279-05950</b>	—	36 <b>283-05950</b>	114 <b>285-05950</b>	—	
599-05951	100	3	23 <b>277-05951</b>	74 <b>279-05951</b>	—	23 <b>283-05951</b>	74 <b>285-05951</b>	—	
599-05952	160	4	—	—	46 <b>281-05952</b>	—	—	46 <b>287-05952</b>	
599-05953	250	5	—	—	29 <b>281-05953</b>	—	—	29 <b>287-05953</b>	
599-05954	400	6	—	—	20 <b>281-05954</b>	—	—	20 <b>287-05954</b>	
<b>Close-off psi — Stainless Steel Trim</b>									
599-05930	63	2-1/2	36 <b>277-05930</b>	114 <b>279-05930</b>	—	36 <b>283-05930</b>	114 <b>285-05930</b>	—	
599-05931	100	3	23 <b>277-05931</b>	74 <b>279-05931</b>	—	23 <b>283-05931</b>	74 <b>285-05931</b>	—	
599-05932	160	4	—	—	46 <b>281-05932</b>	—	—	46 <b>287-05932</b>	
599-05933	250	5	—	—	29 <b>281-05933</b>	—	—	29 <b>287-05933</b>	
599-05934	400	6	—	—	20 <b>281-05934</b>	—	—	20 <b>287-05934</b>	

**Table Notes:**

Part numbers in red indicate complete assemblies. Black numbers indicate close-off psi.

Values for Normally Open in chart are for 15 psi supplied to the actuator.

Values for Normally Closed in chart are for 0 psi supplied to the actuator.

## Flowrite **Globe** Valve Electronic SR Actuator Assemblies

ANSI Class 250

- Bronze and Stainless Steel Trim
- Flanged











NO/NC Equal Percentage Flanged 2-1/2 to 6"			Spring Return Actuator									
			Floating		Floating		Floating		0-10 V		0-10 Vdc 4-20 mA	
2-way Valve Body Part No.	Flow Rate Cv	Valve Size in.										
			SKD82.51U	SKB82.51U	SKC82.61U	SKD62U	SKB62U	SKC62U				
Normally Open												
			Close-off psi — Bronze Trim									
	599-05940	63 2-1/2	38 <b>276-05940</b>	153 <b>289-05940</b>	—	38 <b>274-05940</b>	153 <b>291-05940</b>	—				
	599-05941	100 3	25 <b>276-05941</b>	101 <b>289-05941</b>	—	25 <b>274-05941</b>	101 <b>291-05941</b>	—				
	599-05942	160 4	—	—	65 <b>292-05942</b>	—	—	65 <b>294-05942</b>				
	599-05943	250 5	—	—	42 <b>292-05943</b>	—	—	42 <b>294-05943</b>				
	599-05944	400 6	—	—	29 <b>292-05944</b>	—	—	29 <b>294-05944</b>				
			Close-off psi — Stainless Steel Trim									
	599-05920	63 2-1/2	38 <b>276-05920</b>	153 <b>289-05920</b>	—	38 <b>274-05920</b>	153 <b>291-05920</b>	—				
	599-05921	100 3	25 <b>276-05921</b>	101 <b>289-05921</b>	—	25 <b>274-05921</b>	101 <b>291-05921</b>	—				
	599-05922	160 4	—	—	65 <b>292-05922</b>	—	—	65 <b>294-05922</b>				
	599-05923	250 5	—	—	42 <b>292-05923</b>	—	—	42 <b>294-05923</b>				
	599-05924	400 6	—	—	29 <b>292-05924</b>	—	—	29 <b>294-05924</b>				
Normally Closed												
			Close-off psi — Bronze Trim									
	599-05950	63 2-1/2	34 <b>276-05950</b>	97 <b>289-05950</b>	—	34 <b>274-05950</b>	97 <b>291-05950</b>	—				
	599-05951	100 3	22 <b>276-05951</b>	63 <b>289-05951</b>	—	22 <b>274-05951</b>	63 <b>291-05951</b>	—				
	599-05952	160 4	—	—	39 <b>292-05952</b>	—	—	39 <b>294-05952</b>				
	599-05953	250 5	—	—	25 <b>292-05953</b>	—	—	25 <b>294-05953</b>				
	599-05954	400 6	—	—	17 <b>292-05954</b>	—	—	17 <b>294-05954</b>				
			Close-off psi — Stainless Steel Trim									
	599-05930	63 2-1/2	34 <b>276-05930</b>	97 <b>289-05930</b>	—	34 <b>274-05930</b>	97 <b>291-05930</b>	—				
	599-05931	100 3	22 <b>276-05931</b>	63 <b>289-05931</b>	—	22 <b>274-05931</b>	63 <b>291-05931</b>	—				
	599-05932	160 4	—	—	39 <b>292-05932</b>	—	—	39 <b>294-05932</b>				
	599-05933	250 5	—	—	25 <b>292-05933</b>	—	—	25 <b>294-05933</b>				
	599-05934	400 6	—	—	17 <b>292-05934</b>	—	—	17 <b>294-05934</b>				

Table Notes: Part numbers in red indicate complete assemblies. Black numbers indicate close-off psi.

D-43

Valves

# Flowrite **Globe** Valve Electronic NSR Actuator Assemblies




ANSI Class 250



- Bronze and Stainless Steel Trim
- Flanged

D-44

Valves

NO/NC Equal Percentage Flanged 2-1/2 to 6"			Non-Spring Return Actuator				
			Floating	Floating	Floating		
2-way Valve Body Part No.	Flow Rate Cv	Valve Size in.					
			SKD82.50U	SKB82.50U	SKC82.60U		
<b>Normally Open</b>							
<b>Close-off psi — Bronze Trim</b>							
599-05940	63	2-1/2	38	275-05940	153	290-05940	—
599-05941	100	3	25	275-05941	101	290-05941	—
599-05942	160	4	—	—	—	65	293-05942
599-05943	250	5	—	—	—	42	293-05943
599-05944	400	6	—	—	—	29	293-05944
<b>Close-off psi — Stainless Steel Trim</b>							
599-05920	63	2-1/2	38	275-05920	153	290-05920	—
599-05921	100	3	25	275-05921	101	290-05921	—
599-05922	160	4	—	—	—	65	293-05922
599-05923	250	5	—	—	—	42	293-05923
599-05924	400	6	—	—	—	29	293-05924
<b>Normally Closed</b>							
<b>Close-off psi — Bronze Trim</b>							
599-05950	63	2-1/2	34	275-05950	97	290-05950	—
599-05951	100	3	22	275-05951	63	290-05951	—
599-05952	160	4	—	—	—	39	293-05952
599-05953	250	5	—	—	—	25	293-05953
599-05954	400	6	—	—	—	17	293-05954
<b>Close-off psi — Stainless Steel Trim</b>							
599-05930	63	2-1/2	34	275-05930	97	290-05930	—
599-05931	100	3	22	275-05931	63	290-05931	—
599-05932	160	4	—	—	—	39	293-05932
599-05933	250	5	—	—	—	25	293-05933
599-05934	400	6	—	—	—	17	293-05934

**Table Notes:**

Part numbers in red indicate complete assemblies.

Black numbers indicate close-off psi.













## Flowrite **Globe** Valve Pneumatic SR Actuator Assemblies

ANSI Class 250

- Stainless Steel Trim
- Flanged
- Standard Temperature Range is 20° F to 250° F (-7° C to 120° C)
- High Temperature Range is 337° F max. (170° C)



NO/NC Linear Flanged 2-1/2 to 6"			Spring Return Actuator													
			8" 20 mm Stroke	8" High-Temp. 20 mm Stroke	12" 20 mm Stroke	12" 40 mm Stroke	8" w/Positioner 20 mm Stroke	8" High-Temp. w/Positioner 20 mm Stroke	12" w/Positioner 20 mm Stroke	12" w/Positioner 40 mm Stroke						
<b>2-way Valve Body Part No.</b>	<b>Flow Rate Cv</b>	<b>Valve Size in.</b>	 599-01050	 599-01051	 599-01010	 599-01000	 599-01050 + 599-00426	 599-01051 + 599-00426	 599-01010 + 599-00423	 599-01000 + 599-00423						
<b>Normally Open</b>																
<b>Close-off psi — Stainless Steel Trim/Standard Temperature Packing</b>																
	599-06140	63	2-1/2	31	277-06140	—	95	279-06140	—	31	283-06140	—	95	285-06140	—	
	599-06141	100	3	20	277-06141	—	63	279-06141	—	20	283-06141	—	63	285-06141	—	
	599-06142	160	4	—	—	—	—	—	40	281-06142	—	—	—	—	40	
	599-06143	250	5	—	—	—	—	—	26	281-06143	—	—	—	—	26	
	599-06144	400	6	—	—	—	—	—	18	281-06144	—	—	—	—	18	
<b>Close-off psi — Stainless Steel Trim/High Temperature Packing</b>																
	599-06120	63	2-1/2	31	277-06120	31	278-06120	95	279-06120	—	31	283-06120	31	284-06120	95	285-06120
	599-06121	100	3	20	277-06121	20	278-06121	63	279-06121	—	20	283-06121	20	284-06121	63	285-06121
	599-06122	160	4	—	—	—	—	—	—	40	281-06122	—	—	—	40	
	599-06123	250	5	—	—	—	—	—	—	26	281-06123	—	—	—	26	
	599-06124	400	6	—	—	—	—	—	—	18	281-06124	—	—	—	18	
<b>Normally Closed</b>																
<b>Close-off psi — Stainless Steel Trim/Standard Temperature Packing</b>																
	599-06150	63	2-1/2	36	277-06150	—	114	279-06150	—	36	283-06150	—	114	285-06150	—	
	599-06151	100	3	23	277-06151	—	74	279-06151	—	23	283-06151	—	74	285-06151	—	
	599-06152	160	4	—	—	—	—	—	46	281-06152	—	—	—	—	46	
	599-06153	250	5	—	—	—	—	—	29	281-06153	—	—	—	—	29	
	599-06154	400	6	—	—	—	—	—	20	281-06154	—	—	—	—	20	
<b>Close-off psi — Stainless Steel Trim/High Temperature Packing</b>																
	599-06130	63	2-1/2	36	277-06130	36	278-06130	114	279-06130	—	36	283-06130	36	284-06130	114	285-06130
	599-06131	100	3	23	277-06131	23	278-06131	74	279-06131	—	23	283-06131	23	284-06131	74	285-06131
	599-06132	160	4	—	—	—	—	—	—	46	281-06132	—	—	—	46	
	599-06133	250	5	—	—	—	—	—	—	29	281-06133	—	—	—	29	
	599-06134	400	6	—	—	—	—	—	—	20	281-06134	—	—	—	20	

**Table Notes:**

Part numbers in red indicate complete assemblies. Black numbers indicate close-off psi.

Values for Normally Open in chart are for 15 psi supplied to the actuator.

Values for Normally Closed in chart are for 0 psi supplied to the actuator.

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Valves

# Flowrite **Globe** Valve Electronic SR Actuator Assemblies

ANSI Class 250



- Stainless Steel Trim
- Flanged
- Standard Temperature Range is 20° F to 250° F (-7° C to 120° C)
- High Temperature Range is 337° F max. (170° C)

NO/NC Linear Flanged 2-1/2 to 6"			Spring Return Actuator											
			Floating	Floating	Floating	0-10 Vdc 4-20 mA	0-10 Vdc 4-20 mA	0-10 Vdc 4-20 mA						
2-way Valve Body Part No.	Flow Rate Cv	Valve Size in.												
			SKD82.51U	SKB82.51U	SKC82.61U	SKD62U	SKB62U	SKC62U						
<b>Normally Open</b>														
<b>Close-off psi — Stainless Steel Trim/Standard Temperature Packing</b>														
	599-06140	63	2-1/2	38	<b>276-06140</b>	153	<b>289-06140</b>	—	38	<b>274-06140</b>	153	<b>291-06140</b>	—	
	599-06141	100	3	25	<b>276-06141</b>	101	<b>289-06141</b>	—	25	<b>274-06141</b>	101	<b>291-06141</b>	—	
	599-06142	160	4	—	—	—	—	65	<b>292-06142</b>	—	—	—	65	<b>294-06142</b>
	599-06143	250	5	—	—	—	—	42	<b>292-06143</b>	—	—	—	42	<b>294-06143</b>
	599-06144	400	6	—	—	—	—	29	<b>292-06144</b>	—	—	—	29	<b>294-06144</b>
<b>Close-off psi — Stainless Steel Trim/High Temperature Packing</b>														
	599-06120	63	2-1/2	38	<b>276-06120</b>	153	<b>289-06120</b>	—	38	<b>274-06120</b>	153	<b>291-06120</b>	—	
	599-06121	100	3	25	<b>276-06121</b>	101	<b>289-06121</b>	—	25	<b>274-06121</b>	101	<b>291-06121</b>	—	
	599-06122	160	4	—	—	—	—	65	<b>292-06122</b>	—	—	—	65	<b>294-06122</b>
	599-06123	250	5	—	—	—	—	42	<b>292-06123</b>	—	—	—	42	<b>294-06123</b>
	599-06124	400	6	—	—	—	—	29	<b>292-06124</b>	—	—	—	29	<b>294-06124</b>
<b>Normally Closed</b>														
<b>Close-off psi — Stainless Steel Trim/Standard Temperature Packing</b>														
	599-06150	63	2-1/2	34	<b>276-06150</b>	97	<b>289-06150</b>	—	34	<b>274-06150</b>	97	<b>291-06150</b>	—	
	599-06151	100	3	22	<b>276-06151</b>	63	<b>289-06151</b>	—	22	<b>274-06151</b>	63	<b>291-06151</b>	—	
	599-06152	160	4	—	—	—	—	39	<b>292-06152</b>	—	—	—	39	<b>294-06152</b>
	599-06153	250	5	—	—	—	—	25	<b>292-06153</b>	—	—	—	25	<b>294-06153</b>
	599-06154	400	6	—	—	—	—	17	<b>292-06154</b>	—	—	—	17	<b>294-06154</b>
<b>Close-off psi — Stainless Steel Trim/High Temperature Packing</b>														
	599-06130	63	2-1/2	34	<b>276-06130</b>	97	<b>289-06130</b>	—	34	<b>274-06130</b>	97	<b>291-06130</b>	—	
	599-06131	100	3	22	<b>276-06131</b>	63	<b>289-06131</b>	—	22	<b>274-06131</b>	63	<b>291-06131</b>	—	
	599-06132	160	4	—	—	—	—	39	<b>292-06132</b>	—	—	—	39	<b>294-06132</b>
	599-06133	250	5	—	—	—	—	25	<b>292-06133</b>	—	—	—	25	<b>294-06133</b>
	599-06134	400	6	—	—	—	—	17	<b>292-06134</b>	—	—	—	17	<b>294-06134</b>






**Table Notes:** Part numbers in red indicate complete assemblies. Black numbers indicate close-off psi.

## Flowrite **Globe** Valve Electronic NSR Actuator Assemblies

ANSI Class 250

- Stainless Steel Trim
- Flanged
- Standard Temperature Range is 20° F to 250° F (-7° C to 120° C)
- High Temperature Range is 337° F max. (170° C)



NO/NC Linear Flanged 2-1/2 to 6"			Non-Spring Return Actuator			
			Floating	Floating	Floating	
2-way Valve Body Part No.	Flow Rate Cv	Valve Size in.				
			SKD82.50U	SKB82.50U	SKC82.60U	
			Normally Open			
	Close-off psi — Stainless Steel Trim/Standard Temperature Packing					
	599-06140	63	2-1/2	38 <b>275-06140</b>	153 <b>290-06140</b>	—
	599-06141	100	3	25 <b>275-06141</b>	101 <b>290-06141</b>	—
	599-06142	160	4	—	—	65 <b>293-06142</b>
	599-06143	250	5	—	—	42 <b>293-06143</b>
	599-06144	400	6	—	—	29 <b>293-06144</b>
	Close-off psi — Stainless Steel Trim/High Temperature Packing					
	599-06120	63	2-1/2	38 <b>275-06120</b>	153 <b>290-06120</b>	—
	599-06121	100	3	25 <b>275-06121</b>	101 <b>290-06121</b>	—
	599-06122	160	4	—	—	65 <b>293-06122</b>
	599-06123	250	5	—	—	42 <b>293-06123</b>
	599-06124	400	6	—	—	29 <b>293-06124</b>
	Normally Closed					
		Close-off psi — Stainless Steel Trim/Standard Temperature Packing				
599-06150		63	2-1/2	34 <b>275-06150</b>	97 <b>290-06150</b>	—
599-06151		100	3	22 <b>275-06151</b>	63 <b>290-06151</b>	—
599-06152		160	4	—	—	39 <b>293-06152</b>
599-06153		250	5	—	—	25 <b>293-06153</b>
599-06154		400	6	—	—	17 <b>293-06154</b>
Close-off psi — Stainless Steel Trim/High Temperature Packing						
599-06130		63	2-1/2	34 <b>275-06130</b>	97 <b>290-06130</b>	—
599-06131		100	3	22 <b>275-06131</b>	63 <b>290-06131</b>	—
599-06132		160	4	—	—	39 <b>293-06132</b>
599-06133		250	5	—	—	25 <b>293-06133</b>
599-06134		400	6	—	—	17 <b>293-06134</b>

**Table Notes:**

Part numbers in red indicate complete assemblies.







Black numbers indicate close-off psi.

# Flowrite **Globe** Valve Pneumatic SR Actuator Assemblies

ANSI Class 250



- Bronze and Stainless Steel Trim
- Flanged

Mixing Linear Flanged 2-1/2 to 6"			Spring Return Actuator										
			8" 20 mm Stroke	12" 20 mm Stroke	12" 40 mm Stroke	8" w/Positioner 20 mm Stroke	12" w/Positioner 20 mm Stroke	12" w/Positioner 40 mm Stroke					
3-way Valve Body Part No.	Flow Rate Cv	Valve Size in.											
			599-01050	599-01010	599-01000	599-01050 + 599-00426	599-01010 + 599-00423	599-01000 + 599-00423					
<b>Close-off psi — Bronze Trim</b>													
599-06170	63	2-1/2	36	<b>277-06170</b>	114	<b>279-06170</b>	—	36	<b>283-06170</b>	114	<b>285-06170</b>	—	
599-06171	100	3	23	<b>277-06171</b>	74	<b>279-06171</b>	—	23	<b>283-06171</b>	74	<b>285-06171</b>	—	
599-06172	160	4	—	—	—	46	<b>281-06172</b>	—	—	—	—	46	<b>287-06172</b>
599-06173	250	5	—	—	—	29	<b>281-06173</b>	—	—	—	—	29	<b>287-06173</b>
599-06174	400	6	—	—	—	20	<b>281-06174</b>	—	—	—	—	20	<b>287-06174</b>
<b>Close-off psi — Stainless Steel Trim</b>													
599-06175	63	2-1/2	36	<b>277-06175</b>	114	<b>279-06175</b>	—	36	<b>283-06175</b>	114	<b>285-06175</b>	—	
599-06176	100	3	23	<b>277-06176</b>	74	<b>279-06176</b>	—	23	<b>283-06176</b>	74	<b>285-06176</b>	—	
599-06177	160	4	—	—	—	46	<b>281-06177</b>	—	—	—	—	46	<b>287-06177</b>
599-06178	250	5	—	—	—	29	<b>281-06178</b>	—	—	—	—	29	<b>287-06178</b>
599-06179	400	6	—	—	—	20	<b>281-06179</b>	—	—	—	—	20	<b>287-06179</b>

**Table Notes:**

Part numbers in red indicate complete assemblies. Black numbers indicate close-off psi.

Values in chart are for 0 psi supplied to the actuator.

For 3 way valves, values are for the NC upper port. For NO lower port values, refer to the Engineering Section I.







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Valves




## Flowrite **Globe** Valve Electronic SR/NSR Actuator Assemblies ANSI Class 250

- Bronze and Stainless Steel Trim
- Flanged



Mixing Linear Flanged 2-1/2 to 6"			Spring Return Actuator										
			Floating	Floating	Floating	0-10 Vdc 4-20 mA	0-10 Vdc 4-20 mA	0-10 Vdc 4-20 mA					
3-way Valve Body Part No.	Flow Rate Cv	Valve Size in.											
			SKD82.51U	SKB82.51U	SKC82.61U	SKD62U	SKB62U	SKC62U					
<b>Close-off psi — Bronze Trim</b>													
599-06170	63	2-1/2	34	276-06170	97	289-06170	—	34	274-06170	97	291-06170	—	
599-06171	100	3	22	276-06171	63	289-06171	—	22	274-06171	63	291-06171	—	
599-06172	160	4	—	—	—	—	39	292-06172	—	—	—	39	294-06172
599-06173	250	5	—	—	—	—	25	292-06173	—	—	—	25	294-06173
599-06174	400	6	—	—	—	—	17	292-06174	—	—	—	17	294-06174
<b>Close-off psi — Stainless Steel Trim</b>													
599-06175	63	2-1/2	34	276-06175	97	289-06175	—	34	274-06175	97	291-06175	—	
599-06176	100	3	22	276-06176	63	289-06176	—	22	274-06176	63	291-06176	—	
599-06177	160	4	—	—	—	—	39	292-06177	—	—	—	39	294-06177
599-06178	250	5	—	—	—	—	25	292-06178	—	—	—	25	294-06178
599-06179	400	6	—	—	—	—	17	292-06179	—	—	—	17	294-06179

**Table Notes:** Part numbers in red indicate complete assemblies. Black numbers indicate close-off psi.

Mixing Linear Flanged 2-1/2 to 6"			Non-Spring Return Actuator				
			Floating	Floating	Floating		
3-way Valve Body Part No.	Flow Rate Cv	Valve Size in.					
			SKD82.50U	SKB82.50U	SKC82.60U		
<b>Close-off psi — Bronze Trim</b>							
599-06170	63	2-1/2	34	275-06170	97	290-06170	—
599-06171	100	3	22	275-06171	63	290-06171	—
599-06172	160	4	—	—	—	39	293-06172
599-06173	250	5	—	—	—	25	293-06173
599-06174	400	6	—	—	—	17	293-06174
<b>Close-off psi — Stainless Steel Trim</b>							
599-06175	63	2-1/2	34	275-06175	97	290-06175	—
599-06176	100	3	22	275-06176	63	290-06176	—
599-06177	160	4	—	—	—	39	293-06177
599-06178	250	5	—	—	—	25	293-06178
599-06179	400	6	—	—	—	17	293-06179

**Table Notes:** Part numbers in red indicate complete assemblies. Black numbers indicate close-off psi. For 3 way valves, values are for the NC upper port. For NO lower port values, refer to the Engineering Section I.

# Ball Valve Electronic SR Actuator Assemblies



- GMA Damper Actuator Series
- Part Nos. with \* denote a full-port valve with no flow optimizer insert
- Assemblies come with 3 ft. wires

NO/NC 1/2 to 2"			Spring Return Actuator											
			Normally Open			Normally Closed								
			2P	Floating	0-10 Vdc	2P	Floating	0-10 Vdc						
2-way Valve Body Part No.	Flow Rate Cv	Valve Size in.												
			GMA121.1P	GMA131.1P	GMA161.1P	GMA121.1P	GMA131.1P	GMA161.1P						
Close-off psi — GMA Series														
599-10203	0.4	1/2	130	<b>171E-10203</b>	130	<b>171F-10203</b>	130	<b>171G-10203</b>	130	<b>172E-10203</b>	130	<b>172F-10203</b>	130	<b>172G-10203</b>
599-10204	0.63	1/2	130	<b>171E-10204</b>	130	<b>171F-10204</b>	130	<b>171G-10204</b>	130	<b>172E-10204</b>	130	<b>172F-10204</b>	130	<b>172G-10204</b>
599-10205	1.6	1/2	130	<b>171E-10205</b>	130	<b>171F-10205</b>	130	<b>171G-10205</b>	130	<b>172E-10205</b>	130	<b>172F-10205</b>	130	<b>172G-10205</b>
599-10206	2.5	1/2	130	<b>171E-10206</b>	130	<b>171F-10206</b>	130	<b>171G-10206</b>	130	<b>172E-10206</b>	130	<b>172F-10206</b>	130	<b>172G-10206</b>
599-10207	4	1/2	130	<b>171E-10207</b>	130	<b>171F-10207</b>	130	<b>171G-10207</b>	130	<b>172E-10207</b>	130	<b>172F-10207</b>	130	<b>172G-10207</b>
599-10208*	10	1/2	130	<b>171E-10208</b>	130	<b>171F-10208</b>	130	<b>171G-10208</b>	130	<b>172E-10208</b>	130	<b>172F-10208</b>	130	<b>172G-10208</b>
599-10209	10	3/4	130	<b>171E-10209</b>	130	<b>171F-10209</b>	130	<b>171G-10209</b>	130	<b>172E-10209</b>	130	<b>172F-10209</b>	130	<b>172G-10209</b>
599-10210*	25	3/4	130	<b>171E-10210</b>	130	<b>171F-10210</b>	130	<b>171G-10210</b>	130	<b>172E-10210</b>	130	<b>172F-10210</b>	130	<b>172G-10210</b>
599-10211	10	1	100	<b>171E-10211</b>	100	<b>171F-10211</b>	100	<b>171G-10211</b>	100	<b>172E-10211</b>	100	<b>172F-10211</b>	100	<b>172G-10211</b>
599-10212	25	1	100	<b>171E-10212</b>	100	<b>171F-10212</b>	100	<b>171G-10212</b>	100	<b>172E-10212</b>	100	<b>172F-10212</b>	100	<b>172G-10212</b>
599-10213	16	1	100	<b>171E-10213</b>	100	<b>171F-10213</b>	100	<b>171G-10213</b>	100	<b>172E-10213</b>	100	<b>172F-10213</b>	100	<b>172G-10213</b>
599-10214*	63	1	100	<b>171E-10214</b>	100	<b>171F-10214</b>	100	<b>171G-10214</b>	100	<b>172E-10214</b>	100	<b>172F-10214</b>	100	<b>172G-10214</b>
599-10215	16	1-1/4	100	<b>171E-10215</b>	100	<b>171F-10215</b>	100	<b>171G-10215</b>	100	<b>172E-10215</b>	100	<b>172F-10215</b>	100	<b>172G-10215</b>
599-10216	40	1-1/4	100	<b>171E-10216</b>	100	<b>171F-10216</b>	100	<b>171G-10216</b>	100	<b>172E-10216</b>	100	<b>172F-10216</b>	100	<b>172G-10216</b>
599-10217*	100	1-1/4	100	<b>171E-10217</b>	100	<b>171F-10217</b>	100	<b>171G-10217</b>	100	<b>172E-10217</b>	100	<b>172F-10217</b>	100	<b>172G-10217</b>
599-10218	25	1-1/2	70	<b>171E-10218</b>	70	<b>171F-10218</b>	70	<b>171G-10218</b>	70	<b>172E-10218</b>	70	<b>172F-10218</b>	70	<b>172G-10218</b>
599-10219*	63	1-1/2	70	<b>171E-10219</b>	70	<b>171F-10219</b>	70	<b>171G-10219</b>	70	<b>172E-10219</b>	70	<b>172F-10219</b>	70	<b>172G-10219</b>
599-10220	40	1-1/2	70	<b>171E-10220</b>	70	<b>171F-10220</b>	70	<b>171G-10220</b>	70	<b>172E-10220</b>	70	<b>172F-10220</b>	70	<b>172G-10220</b>
599-10221*	160	1-1/2	70	<b>171E-10221</b>	70	<b>171F-10221</b>	70	<b>171G-10221</b>	70	<b>172E-10221</b>	70	<b>172F-10221</b>	70	<b>172G-10221</b>
599-10222	40	2	70	<b>171E-10222</b>	70	<b>171F-10222</b>	70	<b>171G-10222</b>	70	<b>172E-10222</b>	70	<b>172F-10222</b>	70	<b>172G-10222</b>
599-10223*	100	2	70	<b>171E-10223</b>	70	<b>171F-10223</b>	70	<b>171G-10223</b>	70	<b>172E-10223</b>	70	<b>172F-10223</b>	70	<b>172G-10223</b>
599-10224	63	2	70	<b>171E-10224</b>	70	<b>171F-10224</b>	70	<b>171G-10224</b>	70	<b>172E-10224</b>	70	<b>172F-10224</b>	70	<b>172G-10224</b>
599-10225*	250	2	70	<b>171E-10225</b>	70	<b>171F-10225</b>	70	<b>171G-10225</b>	70	<b>172E-10225</b>	70	<b>172F-10225</b>	70	<b>172G-10225</b>

**Table Notes:**

Part numbers in red indicate complete assemblies. Black numbers indicate close-off psi.

\*Denotes a full-port valve with no flow optimizer insert.

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Valves



Part No. in black box Ships same day when requested through Rapid Response™ shipping. See inside back cover for details.

**SIEMENS**

## Ball Valve Electronic NSR Actuator Assemblies

- GDE/GLB Series Damper Actuator



NO 1/2 to 1-1/4"			Non-Spring Return Actuator							
			Floating				0-10 Vdc			
2-way Valve Body Part No.	Flow Rate Cv	Valve Size in.	GDE131.1P Assembly with 3 ft. wires		GDE131.1Q Assembly with 6 ft. wires and conduit adapter		GDE161.1P Assembly with 3 ft. wires		GDE161.1Q Assembly with 6 ft. wires and conduit adapter	
			<b>Close-off psi — GDE Series</b>							
599-10203	0.4	1/2	130	171A-10203	130	173A-10203	130	171C-10203	130	173C-10203
599-10204	0.63	1/2	130	171A-10204	130	173A-10204	130	171C-10204	130	173C-10204
599-10205	1.6	1/2	130	171A-10205	130	173A-10205	130	171C-10205	130	173C-10205
599-10206	2.5	1/2	130	171A-10206	130	173A-10206	130	171C-10206	130	173C-10206
599-10207	4	1/2	130	171A-10207	130	173A-10207	130	171C-10207	130	173C-10207
599-10208*	10	1/2	130	171A-10208	130	173A-10208	130	171C-10208	130	173C-10208
599-10209	10	3/4	130	171A-10209	130	173A-10209	130	171C-10209	130	173C-10209
599-10210*	25	3/4	130	171A-10210	130	173A-10210	130	171C-10210	130	173C-10210
599-10211	10	1	100	171A-10211	100	173A-10211	100	171C-10211	100	173C-10211
599-10212	25	1	100	171A-10212	100	173A-10212	100	171C-10212	100	173C-10212
599-10213	16	1	100	171A-10213	100	173A-10213	100	171C-10213	100	173C-10213
599-10214*	63	1	100	171A-10214	100	173A-10214	100	171C-10214	100	173C-10214
599-10215	16	1-1/4	100	171A-10215	100	173A-10215	100	171C-10215	100	173C-10215
599-10216	40	1-1/4	100	171A-10216	100	173A-10216	100	171C-10216	100	173C-10216
599-10217*	100	1-1/4	100	171A-10217	100	173A-10217	100	171C-10217	100	173C-10217

**Table Notes:**  
**Part numbers in red** indicate complete assemblies.  
**Black numbers** indicate close-off psi.  
 \*Denotes a full-port valve with no flow optimizer insert.



NO 1-1/2 to 2"			Non-Spring Return Actuator							
			Floating				0-10 Vdc			
2-way Valve Body Part No.	Flow Rate Cv	Valve Size in.	GLB131.1P Assembly with 3 ft. wires		GLB131.1Q Assembly with 6 ft. wires and conduit adapter		GLB161.1P Assembly with 3 ft. wires		GLB161.1Q Assembly with 6 ft. wires and conduit adapter	
			<b>Close-off psi — GLB Series</b>							
599-10218	25	1-1/2	70	171B-10218	70	173B-10218	70	171D-10218	70	173D-10218
599-10219*	63	1-1/2	70	171B-10219	70	173B-10219	70	171D-10219	70	173D-10219
599-10220	40	1-1/2	70	171B-10220	70	173B-10220	70	171D-10220	70	173D-10220
599-10221*	160	1-1/2	70	171B-10221	70	173B-10221	70	171D-10221	70	173D-10221
599-10222	40	2	70	171B-10222	70	173B-10222	70	171D-10222	70	173D-10222
599-10223*	100	2	70	171B-10223	70	173B-10223	70	171D-10223	70	173D-10223
599-10224	63	2	70	171B-10224	70	173B-10224	70	171D-10224	70	173D-10224
599-10225*	250	2	70	171B-10225	70	173B-10225	70	171D-10225	70	173D-10225




**Table Notes:** **Part numbers in red** indicate complete assemblies. **Black numbers** indicate close-off psi.  
 \*Denotes a full-port valve with no flow optimizer insert.



# Ball Valve Electronic SR Actuator Assemblies



- GMA Damper Actuator Series
- B-AB Normally Open

Water Mixing 1/2 to 2"			Spring Return Actuator		
			2P	Floating	0-10 Vdc
3-way Valve Body Part No.	Flow Rate Cv	Valve Size in.	 GMA121.1P Assembly w/3 ft. wires	 GMA131.1P Assembly w/3 ft. wires	 GMA161.1P Assembly w/3 ft. wires
			Close-off psi — GMA Series		
599-10250	0.4	1/2	50 <b>171E-10250</b>	50 <b>171F-10250</b>	50 <b>171G-10250</b>
599-10251	0.63	1/2	50 <b>171E-10251</b>	50 <b>171F-10251</b>	50 <b>171G-10251</b>
599-10252	1.0	1/2	50 <b>171E-10252</b>	50 <b>171F-10252</b>	50 <b>171G-10252</b>
599-10253	2.5	1/2	50 <b>171E-10253</b>	50 <b>171F-10253</b>	50 <b>171G-10253</b>
599-10254	4	1/2	50 <b>171E-10254</b>	50 <b>171F-10254</b>	50 <b>171G-10254</b>
599-10255*	10	1/2	50 <b>171E-10255</b>	50 <b>171F-10255</b>	50 <b>171G-10255</b>
599-10256*	16	3/4	50 <b>171E-10256</b>	50 <b>171F-10256</b>	50 <b>171G-10256</b>
599-10257	10	1	50 <b>171E-10257</b>	50 <b>171F-10257</b>	50 <b>171G-10257</b>
599-10258	16	1	50 <b>171E-10258</b>	50 <b>171F-10258</b>	50 <b>171G-10258</b>
599-10259*	25	1	50 <b>171E-10259</b>	50 <b>171F-10259</b>	50 <b>171G-10259</b>
599-10260	16	1-1/4	50 <b>171E-10260</b>	50 <b>171F-10260</b>	50 <b>171G-10260</b>
599-10261*	40	1-1/4	50 <b>171E-10261</b>	50 <b>171F-10261</b>	50 <b>171G-10261</b>
599-10262	16	1-1/2	50 <b>171E-10262</b>	50 <b>171F-10262</b>	50 <b>171G-10262</b>
599-10263	25	1-1/2	50 <b>171E-10263</b>	50 <b>171F-10263</b>	50 <b>171G-10263</b>
599-10264*	63	1-1/2	50 <b>171E-10264</b>	50 <b>171F-10264</b>	50 <b>171G-10264</b>
599-10265	25	2	50 <b>171E-10265</b>	50 <b>171F-10265</b>	50 <b>171G-10265</b>
599-10266	40	2	50 <b>171E-10266</b>	50 <b>171F-10266</b>	50 <b>171G-10266</b>
599-10267*	100	2	50 <b>171E-10267</b>	50 <b>171F-10267</b>	50 <b>171G-10267</b>

**Table Notes:**

**Part numbers in red** indicate complete assemblies.

**Black numbers** indicate close-off psi.

\*Denotes a full-port valve with no flow optimizer insert.

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Valves



## Ball Valve Electronic NSR Actuator Assemblies






- GDE/GLB Damper Actuator Series



Water Mixing 1/2 to 1-1/4"			Non-Spring Return Actuator								
			Floating				0-10 Vdc				
3-way Valve Body Part No.	Flow Rate Cv	Valve Size in.									
			GDE131.1P Assembly with 3 ft. wires		GDE131.1Q Assembly with 6 ft. wires and conduit adapter		GDE161.1P Assembly with 3 ft. wires		GDE161.1Q Assembly with 6 ft. wires and conduit adapter		
<b>Close-off psi — GDE Series</b>											
	599-10250	0.4	1/2	50	171A-10250	50	173A-10250	50	171C-10250	50	173C-10250
	599-10251	0.63	1/2	50	171A-10251	50	173A-10251	50	171C-10251	50	173C-10251
	599-10252	1.0	1/2	50	171A-10252	50	173A-10252	50	171C-10252	50	173C-10252
	599-10253	2.5	1/2	50	171A-10253	50	173A-10253	50	171C-10253	50	173C-10253
	599-10254	4	1/2	50	171A-10254	50	173A-10254	50	171C-10254	50	173C-10254
	599-10255	10	1/2	50	171A-10255	50	173A-10255	50	171C-10255	50	173C-10255
	599-10256	16	3/4	50	171A-10256	50	173A-10256	50	171C-10256	50	173C-10256
	599-10257	10	1	50	171A-10257	50	173A-10257	50	171C-10257	50	173C-10257
	599-10258	16	1	50	171A-10258	50	173A-10258	50	171C-10258	50	173C-10258
	599-10259	25	1	50	171A-10259	50	173A-10259	50	171C-10259	50	173C-10259
	599-10260	16	1-1/4	40	171A-10260	40	173A-10260	40	171C-10260	40	173C-10260
	599-10261	40	1-1/4	40	171A-10261	40	173A-10261	40	171C-10261	40	173C-10261

**Table Notes:**

Part numbers in red indicate complete assemblies. Black numbers indicate close-off psi.

Water Mixing 1-1/2 to 2"			Non-Spring Return Actuator								
			Floating				0-10 Vdc				
3-way Valve Body Part No.	Flow Rate Cv	Valve Size in.									
			GLB131.1P Assembly with 3 ft. wires		GLB131.1Q Assembly with 6 ft. wires and conduit adapter		GLB161.1P Assembly with 3 ft. wires		GLB161.1Q Assembly with 6 ft. wires and conduit adapter		
<b>Close-off psi — GLB Series</b>											
	599-10262	16	1-1/2	40	171B-10262	40	173B-10262	40	171D-10262	40	173D-10262
	599-10263	25	1-1/2	40	171B-10263	40	173B-10263	40	171D-10263	40	173D-10263
	599-10264*	63	1-1/2	40	171B-10264	40	173B-10264	40	171D-10264	40	173D-10264
	599-10265	2.5	2	40	171B-10265	40	173B-10265	40	171D-10265	40	173D-10265
	599-10266	40	2	40	171B-10266	40	173B-10266	40	171D-10266	40	173D-10266
	599-10267*	100	2	40	171B-10267	40	173B-10267	40	171D-10267	40	173D-10267

**Table Notes:**

Part numbers in red indicate complete assemblies. Black numbers indicate close-off psi.

\*Denotes a full-port valve with no flow optimizer insert.

# Magnetic Valve



## MX... Control Valves for Hot and Chilled Water — 2-way (with blanking disc/flange) or 3-way



Valve Size (in.)	Cv	Close-off psi	Part No.
<b>NPT Unions</b>			
1/2"	0.7	44	MXG461.15-0.6U
1/2"	1.8	44	MXG461.15-1.5U
1/2"	3.5	44	MXG461.15-3.0U
3/4"	5.9	44	MXG461.20-5.0U
1"	9.4	44	MXG461.25-8.0U
1-1/4"	14.0	44	MXG461.32-12U
1-1/2"	23.4	44	MXG461.40-20U
2"	35.1	44	MXG461.50-30U
<b>Flanged</b>			
2-1/2"	58.2	44	MXF461.65-50U*

**Table Note:**

\*No blanking flange.

## M3P... FY Control Valves for Hot and Chilled Water with ZM Module — 2-way or 3-way



Description	Cv	Close-off psi	Part No.
<b>Without Flanged Kits</b>			
3" 3-way Pilot Position	93	44	M3P80FY
4" 3-way Pilot Position	152	29	M3P100FY
<b>With Flanged Kits</b>			
3" 2-way, Pilot Position	93	44	M3P80FY/2BN
4" 2-way, Pilot Position	152	29	M3P100FY/2BN
3" 3-way, Pilot Position	93	44	M3P80FY/3BN
4" 3-way, Pilot Position	152	29	M3P100FY/3BN

**Ordering Note:**

Order with flanges for new installations and without flanges for replacement.

**Overall Ordering Note:**

The valve body and magnetic actuator assemblies cannot be separated.

## MVF461H Modulating Control Valves for Hot Water and Steam — 2-way



Valve Size (in.)	Cv	Close-off psi	Part No.
<b>Without Flanged Kits</b>			
1/2	0.7	145	MVF461H15-0.6
1/2	1.8	145	MVF461H15-1.5
1/2	3.5	145	MVF461H15-3
3/4	5.9	145	MVF461H20-5
1	9.4	145	MVF461H25-8
1-1/4	14.0	145	MVF461H32-12
1-1/2	23.3	145	MVF461H40-20
2	35.0	145	MVF461H50-30
<b>With NPT Flanged Kits</b>			
1/2	0.7	145	MVF461H15-0.6-N
1/2	1.8	145	MVF461H15-1.5-N
1/2	3.5	145	MVF461H15-3-N
3/4	5.9	145	MVF461H20-5-N
1	9.4	145	MVF461H25-8-N
1-1/4	14.0	145	MVF461H32-12-N
1-1/2	23.3	145	MVF461H40-20-N
2	35.0	145	MVF461H50-30-N
<b>With Weld Flanged Kits</b>			
1/2	0.7	145	MVF461H15-0.6-W
1/2	1.8	145	MVF461H15-1.5-W
1/2	3.5	145	MVF461H15-3-W
3/4	5.9	145	MVF461H20-5-W
1	9.4	145	MVF461H25-8-W
1-1/4	14.0	145	MVF461H32-12-W
1-1/2	23.3	145	MVF461H40-20-W
2	35.0	145	MVF461H50-30-W

## MXG461B Modulating Control Valves for Domestic Water — 3-way





Valve Size (in.)	Cv	Close-off psi	Part No.
1/2	0.7	145	MXG461B15-0.6
1/2	1.8	145	MXG461B15-1.5
1/2	3.5	145	MXG461B15-3
3/4	5.8	116	MXG461B20-5
1	9.3	102	MXG461B25-8
1-1/4	14	87	MXG461B32-12
1-1/2	23	87	MXG461B40-20
2	35	87	MXG461B50-30

# Powermite 656 Series **Service** Valve

# Reference and Selection Tables

## 2-way Valves




	Valve Size	Cv	Close-off	Spring Range	Part No.
	<b>Normally Open</b>				
	1/2" (15 mm)	0.9	95 psi (655 kPa)	3 to 8 psi (21 to 55 kPa)	<b>656-0004</b>
	1/2" (15 mm)	2.1	95 psi (655 kPa)	3 to 8 psi (21 to 55 kPa)	<b>656-0002</b>
<b>Normally Closed</b>					
	1/2" (15 mm)	2.1	140 psi (965 kPa)	10 to 15 psi (69 to 103 kPa)	<b>656-0012</b>

**Table Note:** End connections are S.A.E. Flared.

## 2-way Angle Union Valves




	Valve Size	Cv	Close-off	Spring Range	Part No.
	1/2" (15 mm)	2.1	95 psi (655 kPa)	3 to 8 psi (21 to 55 kPa)	<b>656-0017</b>
	1/2" (15 mm)	2.1	95 psi (655 kPa)	5 to 10 psi (34 to 69 kPa)	<b>656-0019</b>
	3/4" (20 mm)	4.6	95 psi (655 kPa)	3 to 8 psi (21 to 55 kPa)	<b>656-0018</b>
	3/4" (20 mm)	4.6	95 psi (655 kPa)	5 to 10 psi (34 to 69 kPa)	<b>656-0021</b>

**Table Note:** End connections are AFxUM.

## 3-way Water Mixing Valves



	Valve Size	Cv	Close-off	Spring Range	Part No.
	1/2" (15 mm)	2.5	95 psi (655 kPa)	10 to 15 lb. (69 to 103 kPa)	<b>656-0009</b>
	1/2" (15 mm)	2.5	95 psi (655 kPa)	3 to 8 lb. (21 to 55 kPa)	<b>656-0010</b>
	1/2" (15 mm)	1.5	95 psi (655 kPa)	3 to 8 lb. (21 to 55 kPa)	<b>656-0011</b>

**Table Note:** End connections are S.A.E. Flared.



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Valves

# Powermite 658 Series **Service** Valve

## 2-way Valves





	Valve Size	Cv	Close-off	Spring Range	Part No.
	<b>Normally Open</b>				
	1/2" (15 mm)	1.0	100 psi (689 kPa)	2 to 6 psi (14 to 41 kPa)	<b>658-0004</b>
	1/2" (15 mm)	2.5	100 psi (689 kPa)	2 to 6 psi (14 to 41 kPa)	<b>658-0005</b>
	1/2" (15 mm)	1.0	40 psi (275 kPa)	10 to 14 psi (69 to 97 kPa)	<b>658-0062</b>
	1/2" (15 mm)	2.5	40 psi (275 kPa)	10 to 14 psi (69 to 97 kPa)	<b>658-0063</b>
<b>Normally Closed</b>					
	1/2" (15 mm)	1.0	100 psi (689 kPa)	10 to 14 psi (69 to 97 kPa)	<b>658-0085</b>
	1/2" (15 mm)	2.5	100 psi (689 kPa)	10 to 14 psi (69 to 97 kPa)	<b>658-0043</b>

**Table Note:** End connections are S.A.E. Flared.

## 2-way Angle Union Valves





	Valve Size	Cv	Close-off	Spring Range	Part No.
	<b>Normally Open</b>				
	1/2" (15 mm)	1.0	100 psi (689 kPa)	2 to 6 psi (14 to 41 kPa)	<b>658-0007</b>
	1/2" (15 mm)	2.5	100 psi (689 kPa)	2 to 6 psi (14 to 41 kPa)	<b>658-0008</b>
	3/4" (20 mm)	6.3	100 psi (689 kPa)	2 to 6 psi (14 to 41 kPa)	<b>658-0010</b>
	1" (25 mm)	10	100 psi (689 kPa)	2 to 6 psi (14 to 41 kPa)	<b>658-0012</b>
	1-1/4" (32 mm)	16	60 psi (413 kPa)	2 to 6 psi (14 to 41 kPa)	<b>658-0014</b>
<b>Normally Closed</b>					
	1/2" (15 mm)	1.0	100 psi (689 kPa)	10 to 14 psi (69 to 97 kPa)	<b>658-0064</b>
	1/2" (15 mm)	2.1	100 psi (689 kPa)	10 to 14 psi (69 to 97 kPa)	<b>658-0065</b>
	3/4" (20 mm)	6.3	100 psi (689 kPa)	10 to 14 psi (69 to 97 kPa)	<b>658-0067</b>
	1" (25 mm)	10	100 psi (689 kPa)	10 to 14 psi (69 to 97 kPa)	<b>658-0069</b>
	1-1/4" (32 mm)	16	100 psi (689 kPa)	10 to 14 psi (69 to 97 kPa)	<b>658-0071</b>

**Table Note:** End connections are AFxUM.

## 3-way Sequence and Changeover Valves



	Valve Size	Cv	Close-off	Part No.
	<b>Sequence</b>			
	1/2" (15 mm)	1.5	50 psi (344 kPa)	<b>658-0050</b>
	1/2" (15 mm)	2.5	50 psi (344 kPa)	<b>658-0051</b>
<b>Changeover</b>				
	1/2" (15 mm)	2.5	10 psi (68 kPa)	<b>658-0052</b>

**Table Note:** End connections are S.A.E. Flared.

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Valves

# Butterfly Pneumatic SR Actuator

# Reference and Selection Tables



2 to 12"		Normally Open (Fail Open)				Normally Closed (Fail Closed)			
		150 psi Close-off		100 psi Close-off — 4-6 50 psi Close-off — 8-12		150 psi Close-off		100 psi Close-off — 4-6 50 psi Close-off — 8-12	
Cv	Size	Part No.	Fig.	Part No.	Fig.	Part No.	Fig.	Part No.	Fig.
<b>Base Model</b>									
60	2"	BV2W02FS2LOXXXX	1	N/A		BV2W02FS2LCXXXX	1	N/A	
151	2-1/2"	BV2W25FS2LOXXXX	1	N/A		BV2W25FS2LCXXXX	1	N/A	
262	3"	BV2W03FS2LOXXXX	1	N/A		BV2W03FS2LCXXXX	1	N/A	
647	4"	BV2W04FS2LOXXXX	1	BV2W04US2LOXXXX	1	BV2W04FS2LCXXXX	1	BV2W04US2LCXXXX	1
1141	5"	BV2W05FS2LOXXXX	1	BV2W05US2LOXXXX	1	BV2W05FS2LCXXXX	1	BV2W05US2LCXXXX	1
1754*	8"	N/A		BV2W08US2LOXXXX	1	N/A		BV2W08US2LCXXXX	1
2524*	10"	N/A		BV2W10US2LOXXXX	1	N/A		BV2W10US2LCXXXX	1
3470*	12"	N/A		BV2W12US2LOXXXX	1	N/A		BV2W12US2LCXXXX	1
<b>Positioner</b>									
60	2"	BV2W02FS2LOPXXX	1	N/A		BV2W02FS2LCPXXX	1	N/A	
151	2-1/2"	BV2W25FS2LOPXXX	1	N/A		BV2W25FS2LCPXXX	1	N/A	
262	3"	BV2W03FS2LOPXXX	1	N/A		BV2W03FS2LCPXXX	1	N/A	
647	4"	BV2W04FS2LOPXXX	1	BV2W04US2LOPXXX	1	BV2W04FS2LCPXXX	1	BV2W04US2LCPXXX	1
1141	5"	BV2W05FS2LOPXXX	1	BV2W05US2LOPXXX	1	BV2W05FS2LCPXXX	1	BV2W05US2LCPXXX	1
1160*/1580	6"	BV2W06FS2LOPXXX	1	BV2W06US2LOPXXX	1	BV2W06FS2LCPXXX	1	BV2W06US2LCPXXX	1
1754*	8"	N/A		BV2W08US2LOPXXX	1	N/A		BV2W08US2LCPXXX	1
2524*	10"	N/A		BV2W10US2LOPXXX	1	N/A		BV2W10US2LCPXXX	1
3470*	12"	N/A		BV2W12US2LOPXXX	1	N/A		BV2W12US2LCPXXX	1
<b>120 V E/P Valve</b>									
60	2"	BV2W02FS2LOTXXX	1	N/A		BV2W02FS2LCTXXX	1	N/A	
151	2-1/2"	BV2W25FS2LOTXXX	1	N/A		BV2W25FS2LCTXXX	1	N/A	
262	3"	BV2W03FS2LOTXXX	1	N/A		BV2W03FS2LCTXXX	1	N/A	
647	4"	BV2W04FS2LOTXXX	1	BV2W04US2LOTXXX	1	BV2W04FS2LCTXXX	1	BV2W04US2LCTXXX	1
1141	5"	BV2W05FS2LOTXXX	1	BV2W05US2LOTXXX	1	BV2W05FS2LCTXXX	1	BV2W05US2LCTXXX	1
1160*/1580	6"	BV2W06FS2LOTXXX	1	BV2W06US2LOTXXX	1	BV2W06FS2LCTXXX	1	BV2W06US2LCTXXX	1
1754*	8"	N/A		BV2W08US2LOTXXX	1	N/A		BV2W08US2LCTXXX	1
2524*	10"	N/A		BV2W10US2LOTXXX	1	N/A		BV2W10US2LCTXXX	1
3470*	12"	N/A		BV2W12US2LOTXXX	1	N/A		BV2W12US2LCTXXX	1
<b>24 V E/P Valve</b>									
60	2"	BV2W02FS2LOUXXX	1	N/A		BV2W02FS2LCUXXX	1	N/A	
151	2-1/2"	BV2W25FS2LOUXXX	1	N/A		BV2W25FS2LCUXXX	1	N/A	
262	3"	BV2W03FS2LOUXXX	1	N/A		BV2W03FS2LCUXXX	1	N/A	
647	4"	BV2W04FS2LOUXXX	1	BV2W04FS2LOUXXX	1	BV2W04US2LCUXXX	1	BV2W04FS2LCUXXX	1
1141	5"	BV2W05FS2LOUXXX	1	BV2W05US2LOUXXX	1	BV2W05FS2LCUXXX	1	BV2W05US2LCUXXX	1
1580	6"	BV2W06FS2LOUXXX	1	BV2W06US2LOUXXX	1	BV2W06FS2LCUXXX	1	BV2W06US2LCUXXX	1
1754	8"	N/A		BV2W08US2LOUXXX	1	N/A		BV2W08US2LCUXXX	1
2524	10"	N/A		BV2W10US2LOUXXX	1	N/A		BV2W10US2LCUXXX	1
3470	12"	N/A		BV2W12US2LOUXXX	1	N/A		BV2W12US2LCUXXX	1

\*6-inch 150 psi and 8-, 10- and 12-inch only rotate to 70° max.

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Valves

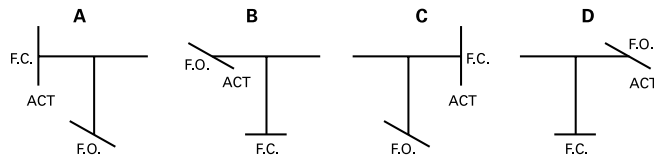
# Butterfly Pneumatic SR Actuator



2 to 12"			150 psi Close-off		100 psi Close-off — 4-6 50 psi Close-off — 8-12		150 psi Close-off		100 psi Close-off — 4-6 50 psi Close-off — 8-12	
Cv		Size	Part No.	Fig.	Part No.	Fig.	Part No.	Fig.	Part No.	Fig.
Run	Branch									
<b>Base Model</b>										
			Assembly A		Assembly A		Assembly B		Assembly B	
58	54	2"	BV3W02FS2LAXXXX	2	N/A		BV3W02FS2LBXXXX	2	N/A	
135	114	2-1/2"	BV3W25FS2LAXXXX	2	N/A		BV3W25FS2LBXXXX	2	N/A	
165	148*	3"	BV3W03FS2LAXXXX	2	N/A		BV3W03FS2LBXXXX	2	N/A	
419	348*	4"	BV3W04FS2LAXXXX	2	BV3W04US2LAXXXX	2	BV3W04FS2LBXXXX	2	BV3W04US2LBXXXX	2
740	600*	5"	BV3W05FS2LAXXXX	2	BV3W05US2LAXXXX	2	BV3W05FS2LBXXXX	2	BV3W05US2LBXXXX	2
1051	867*	6"	BV3W06FS2LAXXXX	2	BV3W06US2LAXXXX	2	BV3W06FS2LBXXXX	2	BV3W06US2LBXXXX	2
1661	1424*	8"	N/A		BV3W08US2LAXXXX	2	N/A		BV3W08US2LBXXXX	2
2439	2132*	10"	N/A		BV3W10US2LAXXXX	2	N/A		BV3W10US2LBXXXX	2
3401	3019*	12"	N/A		BV3W12US2LAXXXX	2	N/A		BV3W12US2LBXXXX	2
			Assembly C		Assembly C		Assembly D		Assembly D	
58	54	2"	BV3W02FS2LCXXXX	2	N/A		BV3W02FS2LDXXXX	2	N/A	
135	114	2-1/2"	BV3W25FS2LCXXXX	2	N/A		BV3W25FS2LDXXXX	2	N/A	
165	148*	3"	BV3W03FS2LCXXXX	2	N/A		BV3W03FS2LDXXXX	2	N/A	
419	348*	4"	BV3W04FS2LCXXXX	2	BV3W04US2LCXXXX	2	BV3W04FS2LDXXXX	2	BV3W04US2LDXXXX	2
740	600*	5"	BV3W05FS2LCXXXX	2	BV3W05US2LCXXXX	2	BV3W05FS2LDXXXX	2	BV3W05US2LDXXXX	2
1051	867*	6"	BV3W06FS2LCXXXX	2	BV3W06US2LCXXXX	2	BV3W06FS2LDXXXX	2	BV3W06US2LDXXXX	2
1661	1424*	8"	N/A		BV3W08US2LCXXXX	2	N/A		BV3W08US2LDXXXX	2
2439	2132*	10"	N/A		BV3W10US2LCXXXX	2	N/A		BV3W10US2LDXXXX	2
3401	3019*	12"	N/A		BV3W12US2LCXXXX	2	N/A		BV3W12US2LDXXXX	2
<b>Positioner</b>										
			Assembly A		Assembly A		Assembly B		Assembly B	
58	54	2"	BV3W02FS2LAPXXX	2	N/A		BV3W02FS2LBPXXX	2	N/A	
135	114	2-1/2"	BV3W25FS2LAPXXX	2	N/A		BV3W25FS2LBPXXX	2	N/A	
165	148*	3"	BV3W03FS2LAPXXX	2	N/A		BV3W03FS2LBPXXX	2	N/A	
419	348*	4"	BV3W04FS2LAPXXX	2	BV3W04US2LAPXXX	2	BV3W04FS2LBPXXX	2	BV3W04US2LBPXXX	2
740	600*	5"	BV3W05FS2LAPXXX	2	BV3W05US2LAPXXX	2	BV3W05FS2LBPXXX	2	BV3W05US2LBPXXX	2
1051	867*	6"	BV3W06FS2LAPXXX	2	BV3W06US2LAPXXX	2	BV3W06FS2LBPXXX	2	BV3W06US2LBPXXX	2
1661	1424*	8"	N/A		BV3W08US2LAPXXX	2	N/A		BV3W08US2LBPXXX	2
2439	2132*	10"	N/A		BV3W10US2LAPXXX	2	N/A		BV3W10US2LBPXXX	2
3401	3019*	12"	N/A		BV3W12US2LAPXXX	2	N/A		BV3W12US2LBPXXX	2
			Assembly C		Assembly C		Assembly D		Assembly D	
58	54	2"	BV3W02FS2LCPXXX	2	N/A		BV3W02FS2LDPXXX	2	N/A	
135	114	2-1/2"	BV3W25FS2LCPXXX	2	N/A		BV3W25FS2LDPXXX	2	N/A	
165	148*	3"	BV3W03FS2LCPXXX	2	N/A		BV3W03FS2LDPXXX	2	N/A	
419	348*	4"	BV3W04FS2LCPXXX	2	BV3W04US2LCPXXX	2	BV3W04FS2LDPXXX	2	BV3W04US2LDPXXX	2
740	600*	5"	BV3W05FS2LCPXXX	2	BV3W05US2LCPXXX	2	BV3W05FS2LDPXXX	2	BV3W05US2LDPXXX	2
1051	867*	6"	BV3W06FS2LCPXXX	2	BV3W06US2LCPXXX	2	BV3W06FS2LDPXXX	2	BV3W06US2LDPXXX	2
1661	1424*	8"	N/A		BV3W08US2LCPXXX	2	N/A		BV3W08US2LDPXXX	2
2439	2132*	10"	N/A		BV3W10US2LCPXXX	2	N/A		BV3W10US2LDPXXX	2
3401	3019*	12"	N/A		BV3W12US2LCPXXX	2	N/A		BV3W12US2LDPXXX	2

\*3- through 12-inch valves only rotate 70° max.

## 3-way Assembly Configurations



**Key**  
 F.C. Fail Closed  
 F.O. Fail Open  
 ACT Actuator Location

# Butterfly Pneumatic SR Actuator

# Reference and Selection Tables

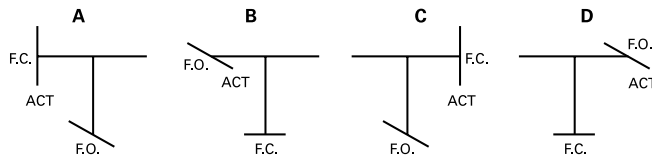


2 to 4"			150 psi Close-off		100 psi Close-off — 4-6 50 psi Close-off — 8-12		150 psi Close-off		100 psi Close-off — 4-6 50 psi Close-off — 8-12	
Cv			Part No.	Fig.	Part No.	Fig.	Part No.	Fig.	Part No.	Fig.
Run	Branch	Size								
<b>120 V EP Valve</b>										
			Assembly A		Assembly A		Assembly B		Assembly B	
58	54	2"	BV3W02FS2LATXXX	2	N/A		BV3W02FS2LBTXXX	2	N/A	
135	114	2-1/2"	BV3W25FS2LATXXX	2	N/A		BV3W25FS2LBTXXX	2	N/A	
165	148*	3"	BV3W03FS2LATXXX	2	N/A		BV3W03FS2LBTXXX	2	N/A	
419	348*	4"	BV3W04FS2LATXXX	2	BV3W04US2LATXXX	2	BV3W04FS2LBTXXX	2	BV3W04US2LBTXXX	2
740	600*	5"	BV3W05FS2LATXXX	2	BV3W05US2LATXXX	2	BV3W05FS2LBTXXX	2	BV3W05US2LBTXXX	2
1051	867*	6"	BV3W06FS2LATXXX	2	BV3W06US2LATXXX	2	BV3W06FS2LBTXXX	2	BV3W06US2LBTXXX	2
1661	1424*	8"	N/A		BV3W08US2LATXXX	2	N/A		BV3W08US2LBTXXX	2
2439	2132*	10"	N/A		BV3W10US2LATXXX	2	N/A		BV3W10US2LBTXXX	2
3401	3019*	12"	N/A		BV3W12US2LATXXX	2	N/A		BV3W12US2LBTXXX	2
			Assembly C		Assembly C		Assembly D		Assembly D	
58	54	2"	BV3W02FS2LCTXXX	2	N/A		BV3W02FS2LDTXXX	2	N/A	
135	114	2-1/2"	BV3W25FS2LCTXXX	2	N/A		BV3W25FS2LDTXXX	2	N/A	
165	148*	3"	BV3W03FS2LCTXXX	2	N/A		BV3W03FS2LDTXXX	2	N/A	
419	348*	4"	BV3W04FS2LCTXXX	2	BV3W04US2LCTXXX	2	BV3W04FS2LDTXXX	2	BV3W04US2LDTXXX	2
740	600*	5"	BV3W05FS2LCTXXX	2	BV3W05US2LCTXXX	2	BV3W05FS2LDTXXX	2	BV3W05US2LDTXXX	2
1051	867*	6"	BV3W06FS2LCTXXX	2	BV3W06US2LCTXXX	2	BV3W06FS2LDTXXX	2	BV3W06US2LDTXXX	2
1661	1424*	8"	N/A		BV3W08US2LCTXXX	2	N/A		BV3W08US2LDTXXX	2
2439	2132*	10"	N/A		BV3W10US2LCTXXX	2	N/A		BV3W10US2LDTXXX	2
3401	3019*	12"	N/A		BV3W12US2LCTXXX	2	N/A		BV3W12US2LDTXXX	2
<b>24 V EP Valve</b>										
			Assembly A		Assembly A		Assembly B		Assembly B	
58	54	2"	BV3W02FS2LAUXXX	2	N/A		BV3W02FS2LBUXXX	2	N/A	
135	114	2-1/2"	BV3W25FS2LAUXXX	2	N/A		BV3W25FS2LBUXXX	2	N/A	
165	148*	3"	BV3W03FS2LAUXXX	2	N/A		BV3W03FS2LBUXXX	2	N/A	
419	348*	4"	BV3W04FS2LAUXXX	2	BV3W04US2LAUXXX	2	BV3W04FS2LBUXXX	2	BV3W04US2LBUXXX	2
740	600*	5"	BV3W05FS2LAUXXX	2	BV3W05US2LAUXXX	2	BV3W05FS2LBUXXX	2	BV3W05US2LBUXXX	2
1051	867*	6"	BV3W06FS2LAUXXX	2	BV3W06US2LAUXXX	2	BV3W06FS2LBUXXX	2	BV3W06US2LBUXXX	2
1661	1424*	8"	N/A		BV3W08US2LAUXXX	2	N/A		BV3W08US2LBUXXX	2
2439	2132*	10"	N/A		BV3W10US2LAUXXX	2	N/A		BV3W10US2LBUXXX	2
3401	3019*	12"	N/A		BV3W12US2LAUXXX	2	N/A		BV3W12US2LBUXXX	2
			Assembly C		Assembly C		Assembly D		Assembly D	
58	54	2"	BV3W02FS2LCUXXX	2	N/A		BV3W02FS2LDUXXX	2	N/A	
135	114	2-1/2"	BV3W25FS2LCUXXX	2	N/A		BV3W25FS2LDUXXX	2	N/A	
165	148*	3"	BV3W03FS2LCUXXX	2	N/A		BV3W03FS2LDUXXX	2	N/A	
419	348*	4"	BV3W04FS2LCUXXX	2	BV3W04US2LCUXXX	2	BV3W04FS2LDUXXX	2	BV3W04US2LDUXXX	2
740	600*	5"	BV3W05FS2LCUXXX	2	BV3W05US2LCUXXX	2	BV3W05FS2LDUXXX	2	BV3W05US2LDUXXX	2
1051	867*	6"	BV3W06FS2LCUXXX	2	BV3W06US2LCUXXX	2	BV3W06FS2LDUXXX	2	BV3W06US2LDUXXX	2
1661	1424*	8"	N/A		BV3W08US2LCUXXX	2	N/A		BV3W08US2LDUXXX	2
2439	2132*	10"	N/A		BV3W10US2LCUXXX	2	N/A		BV3W10US2LDUXXX	2
3401	3019*	12"	N/A		BV3W12US2LCUXXX	2	N/A		BV3W12US2LDUXXX	2

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Valves

\*3- through 12-inch valves only rotate 70° max.



**Key**  
 F.C. Fail Closed  
 F.O. Fail Open  
 ACT Actuator Location

**3-way  
Assembly  
Configurations**

# Butterfly Electric SR Actuator



2 to 12"		Normally Open		Normally Closed	
		150 psi Close-off		150 psi Close-off	
Cv	Size	Part No.	Fig.	Part No.	Fig.
<b>120 Vac On/Off</b>					
60	2"	BV2W02UG1LOXXXX	3	BV2W02UG1LCXXXX	3
151	2-1/2"	BV2W25UG1LOXXXX	3	BV2W25UG1LCXXXX	3
262	3"	BV2W03UG1LOXXXX	3	BV2W03UG1LCXXXX	3
647	4"	BV2W04UG1LOXXXX	3	BV2W04UG1LCXXXX	3
<b>24 Vac On/Off</b>					
60	2"	BV2W02UG2LOXXXX	3	BV2W02UG2LCXXXX	3
151	2-1/2"	BV2W25UG2LOXXXX	3	BV2W25UG2LCXXXX	3
262	3"	BV2W03UG2LOXXXX	3	BV2W03UG2LCXXXX	3
647	4"	BV2W04UG2LOXXXX	3	BV2W04UG2LCXXXX	3
<b>24 Vac Floating</b>					
60	2"	BV2W02UG3LOXXXX	3	BV2W02UG3LCXXXX	3
151	2-1/2"	BV2W25UG3LOXXXX	3	BV2W25UG3LCXXXX	3
262	3"	BV2W03UG3LOXXXX	3	BV2W03UG3LCXXXX	3
647	4"	BV2W04UG3LOXXXX	3	BV2W04UG3LCXXXX	3
<b>24 Vac Modulating 0-10 V</b>					
60	2"	BV2W02UG4LOXXXX	3	BV2W02UG4LCXXXX	3
151	2-1/2"	BV2W25UG4LOXXXX	3	BV2W25UG4LCXXXX	3
262	3"	BV2W03UG4LOXXXX	3	BV2W03UG4LCXXXX	3
647	4"	BV2W04UG4LOXXXX	3	BV2W04UG4LCXXXX	3
<b>24 Vac Modulating 4-20 mA</b>					
60	2"	BV2W02UG5LOXXXX	3	BV2W02UG5LCXXXX	3
151	2-1/2"	BV2W25UG5LOXXXX	3	BV2W25UG5LCXXXX	3
262	3"	BV2W03UG5LOXXXX	3	BV2W03UG5LCXXXX	3
647	4"	BV2W04UG5LOXXXX	3	BV2W04UG5LCXXXX	3

\*6-inch 150 psi and 8-, 10- and 12-inch only rotate to 70° max.

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Valves



# Butterfly Electric SR Actuator

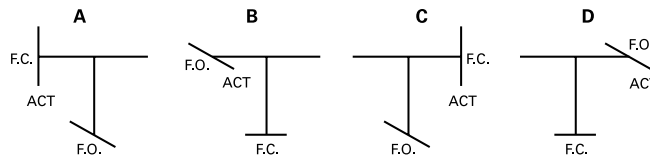
# Reference and Selection Tables



2 to 4"			100 psi Close-off		100 psi Close-off		100 psi Close-off		100 psi Close-off	
Cv										
Run	Branch	Size	Part No.	Fig.	Part No.	Fig.	Part No.	Fig.	Part No.	Fig.
<b>120 Vac On/Off</b>										
			<b>Assembly A</b>		<b>Assembly B</b>		<b>Assembly C</b>		<b>Assembly D</b>	
58	54	2"	BV3W02UG1LAXXXX	4	BV3W02UG1LBXXXX	4	BV3W02UG1LCXXXX	4	BV3W02UG1LDXXXX	4
135	114	2-1/2"	BV3W25UG1LAXXXX	4	BV3W25UG1LBXXXX	4	BV3W25UG1LCXXXX	4	BV3W25UG1LDXXXX	4
229	188	3"	BV3W03UG1LAXXXX	4	BV3W03UG1LBXXXX	4	BV3W03UG1LCXXXX	4	BV3W03UG1LDXXXX	4
511	385	4"	BV3W04UG1LAXXXX	4	BV3W04UG1LBXXXX	4	BV3W04UG1LCXXXX	4	BV3W04UG1LDXXXX	4
<b>24 Vac On/Off</b>										
58	54	2"	BV3W02UG2LAXXXX	4	BV3W02UG2LBXXXX	4	BV3W02UG2LCXXXX	4	BV3W02UG2LDXXXX	4
135	114	2-1/2"	BV3W25UG2LAXXXX	4	BV3W25UG2LBXXXX	4	BV3W25UG2LCXXXX	4	BV3W25UG2LDXXXX	4
229	188	3"	BV3W03UG2LAXXXX	4	BV3W03UG2LBXXXX	4	BV3W03UG2LCXXXX	4	BV3W03UG2LDXXXX	4
511	385	4"	BV3W04UG2LAXXXX	4	BV3W04UG2LBXXXX	4	BV3W04UG2LCXXXX	4	BV3W04UG2LDXXXX	4
<b>24 Vac Floating</b>										
58	54	2"	BV3W02UG3LAXXXX	4	BV3W02UG3LBXXXX	4	BV3W02UG3LCXXXX	4	BV3W02UG3LDXXXX	4
135	114	2-1/2"	BV3W25UG3LAXXXX	4	BV3W25UG3LBXXXX	4	BV3W25UG3LCXXXX	4	BV3W25UG3LDXXXX	4
229	188	3"	BV3W03UG3LAXXXX	4	BV3W03UG3LBXXXX	4	BV3W03UG3LCXXXX	4	BV3W03UG3LDXXXX	4
511	385	4"	BV3W04UG3LAXXXX	4	BV3W04UG3LBXXXX	4	BV3W04UG3LCXXXX	4	BV3W04UG3LDXXXX	4
<b>24 Vac Modulating 0-10 V</b>										
58	54	2"	BV3W02UG4LAXXXX	4	BV3W02UG4LBXXXX	4	BV3W02UG4LCXXXX	4	BV3W02UG4LDXXXX	4
135	114	2-1/2"	BV3W25UG4LAXXXX	4	BV3W25UG4LBXXXX	4	BV3W25UG4LCXXXX	4	BV3W25UG4LDXXXX	4
229	188	3"	BV3W03UG4LAXXXX	4	BV3W03UG4LBXXXX	4	BV3W03UG4LCXXXX	4	BV3W03UG4LDXXXX	4
511	385	4"	BV3W04UG4LAXXXX	4	BV3W04UG4LBXXXX	4	BV3W04UG4LCXXXX	4	BV3W04UG4LDXXXX	4
<b>24 Vac Modulating 4-20 mA</b>										
58	54	2"	BV3W02UG5LAXXXX	4	BV3W02UG5LBXXXX	4	BV3W02UG5LCXXXX	4	BV3W02UG5LDXXXX	4
135	114	2-1/2"	BV3W25UG5LAXXXX	4	BV3W25UG5LBXXXX	4	BV3W25UG5LCXXXX	4	BV3W25UG5LDXXXX	4
229	188	3"	BV3W03UG5LAXXXX	4	BV3W03UG5LBXXXX	4	BV3W03UG5LCXXXX	4	BV3W03UG5LDXXXX	4
511	385	4"	BV3W04UG5LAXXXX	4	BV3W04UG5LBXXXX	4	BV3W04UG5LCXXXX	4	BV3W04UG5LDXXXX	4

\*3- through 12-inch valves only rotate 70° max.

### 3-way Assembly Configurations



**Key**  
**F.C.** Fail Closed  
**F.O.** Fail Open  
**ACT** Actuator Location

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Valves

# Butterfly Electric NSR Actuator



2 to 12"		Non-Spring Return Actuator			
		150 psi Close-off — 4-6 120 Vac		2-6 100 psi Close-off, 24 Vac 8-12 50 psi Close-off, 120 Vac	
Cv	Size	Part No.	Fig.	Part No.	Fig.
<b>Floating/2-position</b>					
60	2"	BV2W02FE2LNXXXX	5	BV2W02UG6LNXXXX	3
151	2-1/2"	BV2W25FE2LNXXXX	5	BV2W25UG6LNXXXX	3
262	3"	BV2W03FE2LNXXXX	5	BV2W03UG6LNXXXX	3
647	4"	BV2W04FE2LNXXXX	5	BV2W04UG6LNXXXX	3
1141	5"	BV2W05FE2LNXXXX	5	BV2W05UG6LNXXXX	3
1580	6"	BV2W06FE2LNXXXX	5	BV2W06UG6LNXXXX	3
2892	8"	BV2W08FE2LNXXXX	5	BV2W08UE2LNXXXX	5
4593	10"	BV2W10FE2LNXXXX	5	BV2W10UE2LNXXXX	5
6682	12"	BV2W12FE2LNXXXX	5	BV2W12UE2LNXXXX	5
<b>Modulating 0-10 V</b>					
60	2"	BV2W02FEMLNXXHX	5	BV2W02UG7LNXXXX	3
151	2-1/2"	BV2W25FEMLNXXHX	5	BV2W25UG7LNXXXX	3
262	3"	BV2W03FEMLNXXHX	5	BV2W03UG7LNXXXX	3
647	4"	BV2W04FEMLNXXHX	5	BV2W04UG7LNXXXX	3
1141	5"	BV2W05FEMLNXXHX	5	BV2W05UG7LNXXXX	3
1580	6"	BV2W06FEMLNXXHX	5	BV2W06UG7LNXXXX	3
2892	8"	BV2W08FEMLNXXHX	5	BV2W08UEMLNXXHX	5
4593	10"	BV2W10FEMLNXXHX	5	BV2W10UEMLNXXHX	5
6682	12"	BV2W12FEMLNXXHX	5	BV2W12UEMLNXXHX	5
<b>Modulating 4-20 mA</b>					
60	2"	BV2W02FEPLNXXHX	5	BV2W02UG8LNXXXX	3
151	2-1/2"	BV2W25FEPLNXXHX	5	BV2W25UG8LNXXXX	3
262	3"	BV2W03FEPLNXXHX	5	BV2W03UG8LNXXXX	3
647	4"	BV2W04FEPLNXXHX	5	BV2W04UG8LNXXXX	3
1141	5"	BV2W05FEPLNXXHX	5	BV2W05UG8LNXXXX	3
1580	6"	BV2W06FEPLNXXHX	5	BV2W06UG8LNXXXX	3
2892	8"	BV2W08FEPLNXXHX	5	BV2W08UEPLNXXHX	5
4593	10"	BV2W10FEPLNXXHX	5	BV2W10UEPLNXXHX	5
6682	12"	BV2W12FEPLNXXHX	5	BV2W12UEPLNXXHX	5

\*6-inch 150 psi and 8-, 10- and 12-inch only rotate to 70° max.

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Valves

# Butterfly Electric NSR Actuator

# Reference and Selection Tables



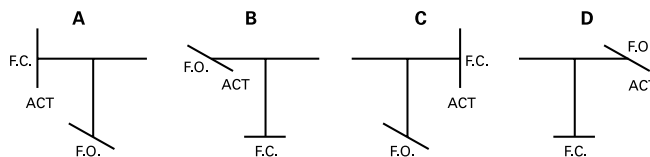
2 to 12"			150 psi Close-off, 120 Vac		100 psi Close-off, 24 Vac 50 psi Close-off, 120 Vac		150 psi Close-off, 120 Vac		100 psi Close-off, 24 Vac 50 psi Close-off, 120 Vac	
Cv			Part No.	Fig.	Part No.	Fig.	Part No.	Fig.	Part No.	Fig.
Run	Branch	Size								
<b>Floating 2-position</b>										
			<b>Assembly A</b>		<b>Assembly A</b>		<b>Assembly B</b>		<b>Assembly B</b>	
58	54	2"	BV3W02FE2LAXXXX	6	BV3W02UG6LAXXXX	4	BV3W02FE2LBXXXX	6	BV3W02UG6LBXXXX	4
135	114	2-1/2"	BV3W25FE2LAXXXX	6	BV3W25UG6LAXXXX	4	BV3W25FE2LBXXXX	6	BV3W25UG6LBXXXX	4
229	188	3"	BV3W03FE2LAXXXX	6	BV3W03UG6LAXXXX	4	BV3W03FE2LBXXXX	6	BV3W03UG6LBXXXX	4
511	385	4"	BV3W04FE2LAXXXX	6	BV3W04UG6LAXXXX	4	BV3W04FE2LBXXXX	6	BV3W04UG6LBXXXX	4
870	642	5"	BV3W05FE2LAXXXX	6	BV3W05UG6LAXXXX	4	BV3W05FE2LBXXXX	6	BV3W05UG6LBXXXX	4
1242	935	6"	BV3W06FE2LAXXXX	6	BV3W06UG6LAXXXX	4	BV3W06FE2LBXXXX	6	BV3W06UG6LBXXXX	4
2254	1688	8"	BV3W08FE2LAXXXX	6	BV3W08UE2LAXXXX	6	BV3W08FE2LBXXXX	6	BV3W08UE2LBXXXX	6
3570	2667	10"	BV3W10FE2LAXXXX	6	BV3W10UE2LAXXXX	6	BV3W10FE2LBXXXX	6	BV3W10UE2LBXXXX	6
5240	3938	12"	BV3W12FE2LAXXXX	6	BV3W12UE2LAXXXX	6	BV3W12FE2LBXXXX	6	BV3W12UE2LBXXXX	6
			<b>Assembly C</b>		<b>Assembly C</b>		<b>Assembly D</b>		<b>Assembly D</b>	
58	54	2"	BV3W02FE2LCXXXX	6	BV3W02UG6LCXXXX	4	BV3W02FE2LDXXXX	6	BV3W02UG6LDXXXX	4
135	114	2-1/2"	BV3W25FE2LCXXXX	6	BV3W25UG6LCXXXX	4	BV3W25FE2LDXXXX	6	BV3W25UG6LDXXXX	4
229	188	3"	BV3W03FE2LCXXXX	6	BV3W03UG6LCXXXX	4	BV3W03FE2LDXXXX	6	BV3W03UG6LDXXXX	4
511	385	4"	BV3W04FE2LCXXXX	6	BV3W04UG6LCXXXX	4	BV3W04FE2LDXXXX	6	BV3W04UG6LDXXXX	4
870	642	5"	BV3W05FE2LCXXXX	6	BV3W05UG6LCXXXX	4	BV3W05FE2LDXXXX	6	BV3W05UG6LDXXXX	4
1242	935	6"	BV3W06FE2LCXXXX	6	BV3W06UG6LCXXXX	4	BV3W06FE2LDXXXX	6	BV3W06UG6LDXXXX	4
2254	1688	8"	BV3W08FE2LCXXXX	6	BV3W08UE2LCXXXX	6	BV3W08FE2LDXXXX	6	BV3W08UE2LDXXXX	6
3570	2667	10"	BV3W10FE2LCXXXX	6	BV3W10UE2LCXXXX	6	BV3W10FE2LDXXXX	6	BV3W10UE2LDXXXX	6
5240	3938	12"	BV3W12FE2LCXXXX	6	BV3W12UE2LCXXXX	6	BV3W12FE2LDXXXX	6	BV3W12UE2LDXXXX	6

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Valves

\*3- through 12-inch valves only rotate 70° max.

## Assembly Configurations



**Key**  
**F.C.** Fail Closed  
**F.O.** Fail Open  
**ACT** Actuator Location

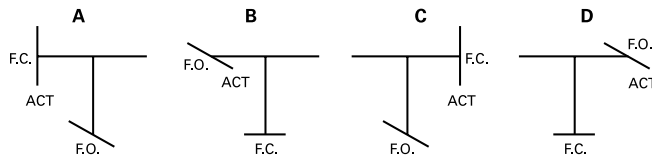
# Butterfly Electric NSR Actuator



2 to 12"			150 psi Close-off		100 psi Close-off, 24 Vac 50 psi Close-off, 120 Vac		150 psi Close-off, 24 Vac		100 psi Close-off, 24 Vac 50 psi Close-off, 120 Vac	
Cv		Size	Part No.	Fig.	Part No.	Fig.	Part No.	Fig.	Part No.	Fig.
Run	Branch									
<b>Modulating 0-10 V</b>										
			Assembly A		Assembly A		Assembly B		Assembly B	
58	54	2"	BV3W02FEMLAXXH	6	BV3W02UG7LAXXX	4	BV3W02FEMLBXXH	6	BV3W02UG7LBXXX	4
135	114	2-1/2"	BV3W25FEMLAXXH	6	BV3W25UG7LAXXX	4	BV3W25FEMLBXXH	6	BV3W25UG7LBXXX	4
229	188	3"	BV3W03FEMLAXXH	6	BV3W03UG7LAXXX	4	BV3W03FEMLBXXH	6	BV3W03UG7LBXXX	4
511	385	4"	BV3W04FEMLAXXH	6	BV3W04UG7LAXXX	4	BV3W04FEMLBXXH	6	BV3W04UG7LBXXX	4
870	642	5"	BV3W05FEMLAXXH	6	BV3W05UG7LAXXX	4	BV3W05FEMLBXXH	6	BV3W05UG7LBXXX	4
1242	935	6"	BV3W06FEMLAXXH	6	BV3W06UG7LAXXX	4	BV3W06FEMLBXXH	6	BV3W06UG7LBXXX	4
2254	1688	8"	BV3W08FEMLAXXH	6	BV3W08UEMLAXXH	6	BV3W08FEMLBXXH	6	BV3W08UEMLBXXH	6
3570	2667	10"	BV3W10FEMLAXXH	6	BV3W10UEMLAXXH	6	BV3W10FEMLBXXH	6	BV3W10UEMLBXXH	6
5240	3938	12"	BV3W12FEMLAXXH	6	BV3W12UEMLAXXH	6	BV3W12FEMLBXXH	6	BV3W12UEMLBXXH	6
			Assembly A		Assembly A		Assembly B		Assembly B	
58	54	2"	BV3W02FEMLCXXH	6	BV3W02UG7LCXXX	4	BV3W02FEMLDXXH	6	BV3W02UG7LDXXX	4
135	114	2-1/2"	BV3W25FEMLCXXH	6	BV3W25UG7LCXXX	4	BV3W25FEMLDXXH	6	BV3W25UG7LDXXX	4
229	188	3"	BV3W03FEMLCXXH	6	BV3W03UG7LCXXX	4	BV3W03FEMLDXXH	6	BV3W03UG7LDXXX	4
511	385	4"	BV3W04FEMLCXXH	6	BV3W04UG7LCXXX	4	BV3W04FEMLDXXH	6	BV3W04UG7LDXXX	4
870	642	5"	BV3W05FEMLCXXH	6	BV3W05UG7LCXXX	4	BV3W05FEMLDXXH	6	BV3W05UG7LDXXX	4
1242	935	6"	BV3W06FEMLCXXH	6	BV3W06UG7LCXXX	4	BV3W06FEMLDXXH	6	BV3W06UG7LDXXX	4
2254	1688	8"	BV3W08FEMLCXXH	6	BV3W08UEMLCXXH	6	BV3W08FEMLDXXH	6	BV3W08UEMLDXXH	6
3570	2667	10"	BV3W10FEMLCXXH	6	BV3W10UEMLCXXH	6	BV3W10FEMLDXXH	6	BV3W10UEMLDXXH	6
5240	3938	12"	BV3W12FEMLCXXH	6	BV3W12UEMLCXXH	6	BV3W12FEMLDXXH	6	BV3W12UEMLDXXH	6
<b>Modulating 4-20 mA</b>										
			Assembly A		Assembly A		Assembly B		Assembly B	
58	54	2"	BV3W02FEPLAXXH	6	BV3W02UG8LAXXX	4	BV3W02FEPLBXXH	6	BV3W02UG8LBXXX	4
135	114	2-1/2"	BV3W25FEPLAXXH	6	BV3W25UG8LAXXX	4	BV3W25FEPLBXXH	6	BV3W25UG8LBXXX	4
229	188	3"	BV3W03FEPLAXXH	6	BV3W03UG8LAXXX	4	BV3W03FEPLBXXH	6	BV3W03UG8LBXXX	4
511	385	4"	BV3W04FEPLAXXH	6	BV3W04UG8LAXXX	4	BV3W04FEPLBXXH	6	BV3W04UG8LBXXX	4
870	642	5"	BV3W05FEPLAXXH	6	N/A	4	BV3W05FEPLBXXH	6	N/A	4
1242	935	6"	BV3W06FEPLAXXH	6	N/A	4	BV3W06FEPLBXXH	6	N/A	4
2254	1688	8"	BV3W08FEPLAXXH	6	BV3W08UEPLAXXH	6	BV3W08FEPLBXXH	6	BV3W08UEPLBXXH	6
3570	2667	10"	BV3W10FEPLAXXH	6	BV3W10UEPLAXXH	6	BV3W10FEPLBXXH	6	BV3W10UEPLBXXH	6
5240	3938	12"	BV3W12FEPLAXXH	6	BV3W12UEPLAXXH	6	BV3W12FEPLBXXH	6	BV3W12UEPLBXXH	6
			Assembly A		Assembly A		Assembly B		Assembly B	
58	54	2"	BV3W02FEPLCXXH	6	BV3W02UG8LCXXX	4	BV3W02FEPLDXXH	6	BV3W02UG8LDXXX	4
135	114	2-1/2"	BV3W25FEPLCXXH	6	BV3W25UG8LCXXX	4	BV3W25FEPLDXXH	6	BV3W25UG8LDXXX	4
229	188	3"	BV3W03FEPLCXXH	6	BV3W03UG8LCXXX	4	BV3W03FEPLDXXH	6	BV3W03UG8LDXXX	4
511	385	4"	BV3W04FEPLCXXH	6	BV3W04UG8LCXXX	4	BV3W04FEPLDXXH	6	BV3W04UG8LDXXX	4
870	642	5"	BV3W05FEPLCXXH	6	N/A	4	BV3W05FEPLDXXH	6	N/A	4
1242	935	6"	BV3W06FEPLCXXH	6	N/A	4	BV3W06FEPLDXXH	6	N/A	4
2254	1688	8"	BV3W08FEPLCXXH	6	BV3W08UEPLCXXH	6	BV3W08FEPLDXXH	6	BV3W08UEPLDXXH	6
3570	2667	10"	BV3W10FEPLCXXH	6	BV3W10UEPLCXXH	6	BV3W10FEPLDXXH	6	BV3W10UEPLDXXH	6
5240	3938	12"	BV3W12FEPLCXXH	6	BV3W12UEPLCXXH	6	BV3W12FEPLDXXH	6	BV3W12UEPLDXXH	6

\*3- through 12-inch valves only rotate 70° max.

## 3-way Assembly Configurations



**Key**  
 F.C. Fail Closed  
 F.O. Fail Open  
 ACT Actuator Location