

Two-Way **Globe** Valve Assemblies — MT Series

ANSI Class 250

Electronic Spring Return or Non-Spring Return Actuators

- Normally Open or Normally Closed
- Brass and Stainless Steel Trim



NO/NC 1/2 to 1"			Spring Return Actuator				Non-Spring Return Actuator		
			Floating		0-10 V		Floating	0-10 V	
2-Way Valve Body Part No.	Valve Size in.	Flow Rate Cv							
Normally Open									
Close-off psi — Brass Trim									
599-02030	1/2	0.4	120 260-02030	160 266-02030	120 262-02030	160 265-02030	120 259-02030	120 261-02030	160 264-02030
599-02032		0.63	120 260-02032	160 266-02032	120 262-02032	160 265-02032	120 259-02032	120 261-02032	160 264-02032
599-02034		1	120 260-02034	160 266-02034	120 262-02034	160 265-02034	120 259-02034	120 261-02034	160 264-02034
599-02036		1.6	120 260-02036	160 266-02036	120 262-02036	160 265-02036	120 259-02036	120 261-02036	160 264-02036
599-02038		2.5	65 260-02038	85 266-02038	65 262-02038	85 265-02038	65 259-02038	65 261-02038	85 264-02038
599-02041		4	65 260-02041	85 266-02041	65 262-02041	85 265-02041	65 259-02041	65 261-02041	85 264-02041
599-02044	3/4	6.3	55 260-02044	70 266-02044	55 262-02044	70 265-02044	55 259-02044	55 261-02044	70 264-02044
599-02046	1	10	55 260-02046	70 266-02046	55 262-02046	70 265-02046	55 259-02046	55 261-02046	70 264-02046
Close-off psi — Stainless Steel Trim									
599-02047	1/2	0.4	120 260-02047	160 266-02047	120 262-02047	160 265-02047	120 259-02047	120 261-02047	160 264-02047
599-02049		0.63	120 260-02049	160 266-02049	120 262-02049	160 265-02049	120 259-02049	120 261-02049	160 264-02049
599-02051		1	120 260-02051	160 266-02051	120 262-02051	160 265-02051	120 259-02051	120 261-02051	160 264-02051
599-02053		1.6	120 260-02053	160 266-02053	120 262-02053	160 265-02053	120 259-02053	120 261-02053	160 264-02053
599-02055		2.5	65 260-02055	85 266-02055	65 262-02055	85 265-02055	65 259-02055	65 261-02055	85 264-02055
599-02058		4	65 260-02058	85 266-02058	65 262-02058	85 265-02058	65 259-02058	65 261-02058	85 264-02058
599-02061	3/4	6.3	55 260-02061	70 266-02061	55 262-02061	70 265-02061	55 259-02061	55 261-02061	70 264-02061
599-02063	1	10	55 260-02063	70 266-02063	55 262-02063	70 265-02063	55 259-02063	55 261-02063	70 264-02063
Normally Closed									
Close-off psi — Brass Trim									
599-02000	1/2	0.4	95 260-02000	95 266-02000	95 262-02000	95 265-02000	95 259-02000	95 261-02000	95 264-02000
599-02002		0.63	95 260-02002	95 266-02002	95 262-02002	95 265-02002	95 259-02002	95 261-02002	95 264-02002
599-02004		1	95 260-02004	95 266-02004	95 262-02004	95 265-02004	95 259-02004	95 261-02004	95 264-02004
599-02006		1.6	95 260-02006	95 266-02006	95 262-02006	95 265-02006	95 259-02006	95 261-02006	95 264-02006
599-02008		2.5	50 260-02008	50 266-02008	50 262-02008	50 265-02008	50 259-02008	50 261-02008	50 264-02008
599-02010		4	50 260-02010	50 266-02010	50 262-02010	50 265-02010	50 259-02010	50 261-02010	50 264-02010
599-02012	3/4	6.3	40 260-02012	40 266-02012	40 262-02012	40 265-02012	40 259-02012	40 261-02012	40 264-02012
599-02014	1	10	40 260-02014	40 266-02014	40 262-02014	40 265-02014	40 259-02014	40 261-02014	40 264-02014
Close-off psi — Stainless Steel Trim									
599-02015	1/2	0.4	95 260-02015	95 266-02015	95 262-02015	95 265-02015	95 259-02015	95 261-02015	95 264-02015
599-02017		0.63	95 260-02017	95 266-02017	95 262-02017	95 265-02017	95 259-02017	95 261-02017	95 264-02017
599-02019		1	95 260-02019	95 266-02019	95 262-02019	95 265-02019	95 259-02019	95 261-02019	95 264-02019
599-02021		1.6	95 260-02021	95 266-02021	95 262-02021	95 265-02021	95 259-02021	95 261-02021	95 264-02021
599-02023		2.5	50 260-02023	50 266-02023	50 262-02023	50 265-02023	50 259-02023	50 261-02023	50 264-02023
599-02025		4	50 260-02025	50 266-02025	50 262-02025	50 265-02025	50 259-02025	50 261-02025	50 264-02025
599-02027	3/4	6.3	40 260-02027	40 266-02027	40 262-02027	40 265-02027	40 259-02027	40 261-02027	40 264-02027
599-02029	1	10	40 260-02029	40 266-02029	40 262-02029	40 265-02029	40 259-02029	40 261-02029	40 264-02029

Table Notes:

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

Two-Way **Globe** Valve Assemblies

ANSI Class 250
Pneumatic Spring Return Actuators

- Normally Open or Normally Closed
- Equal Percentage
- Brass and Stainless Steel Trim








NO/NC Equal Percentage 1/2 to 2"			Spring Return Actuator			
			NO 4" 3-8 psi NC 4" 10-15 psi	8"	8" with Positioner	
2-Way Valve Body Part No.	Valve Size in.	Flow Rate Cv				
			599-01081 – NO 599-01083 – NC	599-01050	599-01050 + 599-00426	
Normally Open						
	Close-off psi — Brass Trim					
	1/2	1	142	268-03162	250 277-03162	250 283-03162
		1.6	142	268-03163	250 277-03163	250 283-03163
		2.5	142	268-03164	250 277-03164	250 283-03164
		4	142	268-03165	250 277-03165	250 283-03165
	3/4	6.3	80	268-03166	231 277-03166	231 283-03166
	1	10	52	268-03167	150 277-03167	150 283-03167
	1-1/4	16	32	268-03168	93 277-03168	93 283-03168
	1-1/2	25	20	268-03169	60 277-03169	60 283-03169
	2	40	12	268-03170	37 277-03170	37 283-03170
	Close-off psi — Stainless Steel Trim					
	1/2	1	142	268-03108	250 277-03108	250 283-03108
		1.6	142	268-03109	250 277-03109	250 283-03109
		2.5	142	268-03110	250 277-03110	250 283-03110
		4	142	268-03111	250 277-03111	250 283-03111
		3/4	6.3	80	268-03112	231 277-03112
1		10	52	268-03113	150 277-03113	150 283-03113
1-1/4		16	32	268-03114	93 277-03114	93 283-03114
1-1/2		25	20	268-03115	60 277-03115	60 283-03115
2	40	12	268-03116	37 277-03116	37 283-03116	
Normally Closed						
	Close-off psi — Brass Trim					
	1/2	1	236	270-03180	250 277-03180	250 283-03180
		1.6	236	270-03181	250 277-03181	250 283-03181
		2.5	236	270-03182	250 277-03182	250 283-03182
		4	236	270-03183	250 277-03183	250 283-03183
	3/4	6.3	155	270-03184	250 277-03184	250 283-03184
	1	10	91	270-03185	250 277-03185	250 283-03185
	1-1/4	16	52	270-03186	148 277-03186	148 283-03186
	1-1/2	25	32	270-03187	92 277-03187	92 283-03187
	2	40	20	270-03188	55 277-03188	55 283-03188
	Close-off psi — Stainless Steel Trim					
	1/2	1	236	270-03126	250 277-03126	250 283-03126
		1.6	236	270-03127	250 277-03127	250 283-03127
		2.5	236	270-03128	250 277-03128	250 283-03128
		4	236	270-03129	250 277-03129	250 283-03129
		3/4	6.3	155	270-03130	250 277-03130
1		10	91	270-03131	250 277-03131	250 283-03131
1-1/4		16	52	270-03132	148 277-03132	148 283-03132
1-1/2		25	32	270-03133	92 277-03133	92 283-03133
2	40	20	270-03134	55 277-03134	55 283-03134	

Table Notes:

Part numbers in red indicate complete assemblies.

Black numbers indicate close-off psi.

Close-off values are for 15 psi signal for Normally Open and 0 psi signal for Normally Closed.

Close-off values for Normally Open valves with positioner may be substantially higher based on line supply pressure.

Two-Way **Globe** Valve Assemblies

ANSI Class 250
Electronic Spring Return Actuators



- Normally Open or Normally Closed
- Equal Percentage
- Brass and Stainless Steel Trim








NO/NC Equal Percentage 1/2 to 2"			Spring Return Actuator									
			Rack & Pinion 2P	Floating 3P	Rack & Pinion 0-10 Vdc	0-10 Vdc 4-20 mA	0-10 Vdc 4-20 mA					
2-Way Valve Body Part No.	Valve Size in.	Flow Rate Cv										
			599-03611	SKD82.51U	599-03609	SKD62U	SKB62U					
Normally Open			Close-off psi — Brass Trim									
	1/2	1	250	299-03162	250	276-03162	250	298-03162	250	274-03162	—	
		1.6	250	299-03163	250	276-03163	250	298-03163	250	274-03163	—	
		2.5	250	299-03164	250	276-03164	250	298-03164	250	274-03164	—	
		4	250	299-03165	250	276-03165	250	298-03165	250	274-03165	—	
	3/4	6.3	231	299-03166	250	276-03166	231	298-03166	250	274-03166	—	
	1	10	149	299-03167	201	276-03167	149	298-03167	201	274-03167	250	291-03167
	1-1/4	16	92	299-03168	124	276-03168	92	298-03168	124	274-03168	250	291-03168
	1-1/2	25	59	299-03169	80	276-03169	59	298-03169	80	274-03169	250	291-03169
	2	40	36	299-03170	49	276-03170	36	298-03170	49	274-03170	201	291-03170
				Close-off psi — Stainless Steel Trim								
	1/2	1	250	299-03108	250	276-03108	250	298-03108	250	274-03108	—	
		1.6	250	299-03109	250	276-03109	250	298-03109	250	274-03109	—	
		2.5	250	299-03110	250	276-03110	250	298-03110	250	274-03110	—	
		4	250	299-03111	250	276-03111	250	298-03111	250	274-03111	—	
	3/4	6.3	231	299-03112	250	276-03112	231	298-03112	250	274-03112	—	
	1	10	149	299-03113	201	276-03113	149	298-03113	201	274-03113	250	291-03113
	1-1/4	16	92	299-03114	124	276-03114	92	298-03114	124	274-03114	250	291-03114
	1-1/2	25	59	299-03115	80	276-03115	59	298-03115	80	274-03115	250	291-03115
2	40	36	299-03116	49	276-03116	36	298-03116	49	274-03116	201	291-03116	
Normally Closed			Close-off psi — Brass Trim									
	1/2	1	250	299-03180	250	276-03180	250	298-03180	250	274-03180	—	
		1.6	250	299-03181	250	276-03181	250	298-03181	250	274-03181	—	
		2.5	250	299-03182	250	276-03182	250	298-03182	250	274-03182	—	
		4	250	299-03183	250	276-03183	250	298-03183	250	274-03183	—	
	3/4	6.3	250	299-03184	250	276-03184	250	298-03184	250	274-03184	—	
	1	10	173	299-03185	203	276-03185	173	298-03185	203	274-03185	250	291-03185
	1-1/4	16	100	299-03186	117	276-03186	100	298-03186	117	274-03186	250	291-03186
	1-1/2	25	61	299-03187	73	276-03187	61	298-03187	73	274-03187	208	291-03187
	2	40	37	299-03188	44	276-03188	37	298-03188	44	274-03188	126	291-03188
				Close-off psi — Stainless Steel Trim								
	1/2	1	250	299-03126	250	276-03126	250	298-03126	250	274-03126	—	
		1.6	250	299-03127	250	276-03127	250	298-03127	250	274-03127	—	
		2.5	250	299-03128	250	276-03128	250	298-03128	250	274-03128	—	
		4	250	299-03129	250	276-03129	250	298-03129	250	274-03129	—	
	3/4	6.3	250	299-03130	250	276-03130	250	298-03130	250	274-03130	—	
	1	10	173	299-03131	203	276-03131	173	298-03131	203	274-03131	250	291-03131
	1-1/4	16	100	299-03132	117	276-03132	100	298-03132	117	274-03132	250	291-03132
	1-1/2	25	61	299-03133	73	276-03133	61	298-03133	73	274-03133	208	291-03133
2	40	37	299-03134	44	276-03134	37	298-03134	44	274-03134	126	291-03134	

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

Two-Way **Globe** Valve Assemblies

ANSI Class 250
Electronic Non-Spring Return Actuators



- Normally Open or Normally Closed
- Equal Percentage
- Brass and Stainless Steel Trim







NO/NC Equal Percentage 1/2 to 2"			Non-Spring Return Actuator							
2-Way Valve Body Part No.	Valve Size in.	Flow Rate Cv	Floating 3P	Floating 3P	0-10 Vdc 4-20 mA	0-10 Vdc 4-20 mA				
			 SAX81.03U	 SKD82.50U	 SAX61.03U	 SKD60U NEW!				
Normally Open										
			Close-off psi — Brass Trim							
	1/2	1	250	373-03162	250	275-03162	250	371-03162	250	267-03162
		1.6	250	373-03163	250	275-03163	250	371-03163	250	267-03163
		2.5	250	373-03164	250	275-03164	250	371-03164	250	267-03164
		4	250	373-03165	250	275-03165	250	371-03165	250	267-03165
	3/4	6.3	211	373-03166	250	275-03166	211	371-03166	250	267-03166
	1	10	137	373-03167	201	275-03167	137	371-03167	201	267-03167
	1-1/4	16	85	373-03168	124	275-03168	85	371-03168	124	267-03168
	1-1/2	25	55	373-03169	80	275-03169	55	371-03169	80	267-03169
	2	40	34	373-03170	49	275-03170	34	371-03170	49	267-03170
				Close-off psi — Stainless Steel Trim						
599-03108	1/2	1	250	373-03108	250	275-03108	250	371-03108	250	267-03108
		1.6	250	373-03109	250	275-03109	250	371-03109	250	267-03109
		2.5	250	373-03110	250	275-03110	250	371-03110	250	267-03110
		4	250	373-03111	250	275-03111	250	371-03111	250	267-03111
	3/4	6.3	211	373-03112	250	275-03112	211	371-03112	250	267-03112
	1	10	137	373-03113	201	275-03113	137	371-03113	201	267-03113
	1-1/4	16	85	373-03114	124	275-03114	85	371-03114	124	267-03114
	1-1/2	25	55	373-03115	80	275-03115	55	371-03115	80	267-03115
2	40	34	373-03116	49	275-03116	34	371-03116	49	267-03116	
Normally Closed										
			Close-off psi — Brass Trim							
	1/2	1	250	373-03180	250	275-03180	250	371-03180	250	267-03180
		1.6	250	373-03181	250	275-03181	250	371-03181	250	267-03181
		2.5	250	373-03182	250	275-03182	250	371-03182	250	267-03182
		4	250	373-03183	250	275-03183	250	371-03183	250	267-03183
	3/4	6.3	250	373-03184	250	275-03184	250	371-03184	250	267-03184
	1	10	159	373-03185	203	275-03185	159	371-03185	203	267-03185
	1-1/4	16	92	373-03186	117	275-03186	92	371-03186	117	267-03186
	1-1/2	25	57	373-03187	73	275-03187	57	371-03187	73	267-03187
	2	40	35	373-03188	44	275-03188	35	371-03188	44	267-03188
				Close-off psi — Stainless Steel Trim						
599-03126	1/2	1	250	373-03126	250	275-03126	250	371-03126	250	267-03126
		1.6	250	373-03127	250	275-03127	250	371-03127	250	267-03127
		2.5	250	373-03128	250	275-03128	250	371-03128	250	267-03128
		4	250	373-03129	250	275-03129	250	371-03129	250	267-03129
	3/4	6.3	250	373-03130	250	275-03130	250	371-03130	250	267-03130
	1	10	159	373-03131	203	275-03131	159	371-03131	203	267-03131
	1-1/4	16	92	373-03132	117	275-03132	92	371-03132	117	267-03132
	1-1/2	25	57	373-03133	73	275-03133	57	371-03133	73	267-03133
	2	40	35	373-03134	44	275-03134	35	371-03134	44	267-03134

Table Notes:

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

Two-Way **Globe** Valve Assemblies

ANSI Class 250

Pneumatic Spring Return Actuators



- Normally Open or Normally Closed
- Linear
- Stainless Steel Trim






NO/NC Linear 1/2 to 2"			Spring Return Actuator									
			NO 4" 3-8 psi NC 4" 10-15 psi	8"	8" High Temp.	8" with Positioner	8" High Temp. with Positioner					
2-Way Valve Body Part No.	Valve Size in.	Flow Rate Cv										
			599-01081 – NO 599-01083 – NC	599-01050	599-01051	599-01050 + 599-00426	599-01051 + 599-00426					
Normally Open												
Close-off psi — Standard-temperature Range 20° F to 250° F (-7° C to 120° C)												
599-03000	1/2	1	142	268-03000	250	277-03000	—	250	283-03000	—		
599-03001		1.6	142	268-03001	250	277-03001	—	250	283-03001	—		
599-03002		2.5	142	268-03002	250	277-03002	—	250	283-03002	—		
599-03003		4	142	268-03003	250	277-03003	—	250	283-03003	—		
599-03004	3/4	6.3	80	268-03004	231	277-03004	—	231	283-03004	—		
599-03005	1	10	52	268-03005	150	277-03005	—	150	283-03005	—		
599-03006	1-1/4	16	32	268-03006	93	277-03006	—	93	283-03006	—		
599-03007	1-1/2	25	20	268-03007	60	277-03007	—	60	283-03007	—		
599-03008	2	40	12	268-03008	37	277-03008	—	37	283-03008	—		
Close-off psi — High-temperature Range is 337° F max. (170° C)												
599-03054	1/2	1	142	268-03054	250	277-03054	250	278-03054	250	283-03054	250	284-03054
599-03055		1.6	142	268-03055	250	277-03055	250	278-03055	250	283-03055	250	284-03055
599-03056		2.5	142	268-03056	250	277-03056	250	278-03056	250	283-03056	250	284-03056
599-03057		4	142	268-03057	250	277-03057	250	278-03057	250	283-03057	250	284-03057
599-03058	3/4	6.3	80	268-03058	231	277-03058	231	278-03058	231	283-03058	231	284-03058
599-03059	1	10	52	268-03059	150	277-03059	150	278-03059	150	283-03059	150	284-03059
599-03060	1-1/4	16	32	268-03060	93	277-03060	93	278-03060	93	283-03060	93	284-03060
599-03061	1-1/2	25	20	268-03061	60	277-03061	60	278-03061	60	283-03061	60	284-03061
599-03062	2	40	12	268-03062	37	277-03062	37	278-03062	37	283-03062	37	284-03062
Normally Closed												
Close-off psi — Standard-temperature Range 20° F to 250° F (-7° C to 120° C)												
599-03018	1/2	1	236	270-03018	250	277-03018	—	250	283-03018	—		
599-03019		1.6	236	270-03019	250	277-03019	—	250	283-03019	—		
599-03020		2.5	236	270-03020	250	277-03020	—	250	283-03020	—		
599-03021		4	236	270-03021	250	277-03021	—	250	283-03021	—		
599-03022	3/4	6.3	155	270-03022	250	277-03022	—	250	283-03022	—		
599-03023	1	10	91	270-03023	250	277-03023	—	250	283-03023	—		
599-03024	1-1/4	16	52	270-03024	148	277-03024	—	148	283-03024	—		
599-03025	1-1/2	25	32	270-03025	92	277-03025	—	92	283-03025	—		
599-03026	2	40	20	270-03026	55	277-03026	—	55	283-03026	—		
Close-off psi — High-temperature Range is 337° F max. (170° C)												
599-03072	1/2	1	236	270-03072	250	277-03072	250	278-03072	250	283-03072	250	284-03072
599-03073		1.6	236	270-03073	250	277-03073	250	278-03073	250	283-03073	250	284-03073
599-03074		2.5	236	270-03074	250	277-03074	250	278-03074	250	283-03074	250	284-03074
599-03075		4	236	270-03075	250	277-03075	250	278-03075	250	283-03075	250	284-03075
599-03076	3/4	6.3	155	270-03076	250	277-03076	250	278-03076	250	283-03076	250	284-03076
599-03077	1	10	91	270-03077	250	277-03077	250	278-03077	250	283-03077	250	284-03077
599-03078	1-1/4	16	52	270-03078	148	277-03078	148	278-03078	148	283-03078	148	284-03078
599-03079	1-1/2	25	32	270-03079	92	277-03079	92	278-03079	92	283-03079	92	284-03079
599-03080	2	40	20	270-03080	55	277-03080	55	278-03080	55	283-03080	55	284-03080

Table Notes:

Part numbers in red indicate complete assemblies. Black numbers indicate close-off psi. Close-off values are for 15 psi signal for Normally Open and 0 psi signal for Normally Closed. Close-off values for Normally Open valves with positioner may be substantially higher based on line supply pressure.



Two-Way **Globe** Valve Assemblies

Flowrite Selection Tables

ANSI Class 250
Electronic Spring Return Actuators

- Normally Open or Normally Closed
- Linear
- Stainless Steel Trim












NO/NC Linear 1/2 to 2"			Spring Return Actuator									
			Rack & Pinion 2P	Floating 3P	Rack & Pinion 0-10 Vdc	0-10 Vdc 4-20 mA	0-10 Vdc 4-20 mA					
2-Way Valve Body Part No.	Valve Size in.	Flow Rate Cv										
			599-03611	SKD82.51U	599-03609	SKD62U	SKB62U					
Normally Open												
Close-off psi — Standard-temperature Range 20° F to 250° F (-7° C to 120° C)												
	1/2	1	250	299-03000	250	276-03000	250	298-03000	250	274-03000	—	
		1.6	250	299-03001	250	276-03001	250	298-03001	250	274-03001	—	
		2.5	250	299-03002	250	276-03002	250	298-03002	250	274-03002	—	
		4	250	299-03003	250	276-03003	250	298-03003	250	274-03003	—	
	3/4	6.3	231	299-03004	250	276-03004	231	298-03004	250	274-03004	—	
	1	10	149	299-03005	201	276-03005	149	298-03005	201	274-03005	250	291-03005
	1-1/4	16	92	299-03006	124	276-03006	92	298-03006	124	274-03006	250	291-03006
	1-1/2	25	59	299-03007	80	276-03007	59	298-03007	80	274-03007	250	291-03007
	2	40	36	299-03008	49	276-03008	36	298-03008	49	274-03008	201	291-03008
Close-off psi — High-temperature Range is 337° F max. (170° C)												
	1/2	1	—	250	276-03054	—	250	274-03054	—	—		
		1.6	—	250	276-03055	—	250	274-03055	—	—		
		2.5	—	250	276-03056	—	250	274-03056	—	—		
		4	—	250	276-03057	—	250	274-03057	—	—		
	3/4	6.3	—	250	276-03058	—	250	274-03058	—	—		
	1	10	—	201	276-03059	—	201	274-03059	250	291-03059		
	1-1/4	16	—	124	276-03060	—	124	274-03060	250	291-03060		
	1-1/2	25	—	80	276-03061	—	80	274-03061	250	291-03061		
	2	40	—	49	276-03062	—	49	274-03062	201	291-03062		
Normally Closed												
Close-off psi — Standard-temperature Range 20° F to 250° F (-7° C to 120° C)												
	1/2	1	250	299-03018	250	276-03018	250	298-03018	250	274-03018	—	
		1.6	250	299-03019	250	276-03019	250	298-03019	250	274-03019	—	
		2.5	250	299-03020	250	276-03020	250	298-03020	250	274-03020	—	
		4	250	299-03021	250	276-03021	250	298-03021	250	274-03021	—	
	3/4	6.3	250	299-03022	250	276-03022	250	298-03022	250	274-03022	—	
	1	10	173	299-03023	203	276-03023	173	298-03023	203	274-03023	250	291-03023
	1-1/4	16	100	299-03024	117	276-03024	100	298-03024	117	274-03024	250	291-03024
	1-1/2	25	61	299-03025	73	276-03025	61	298-03025	73	274-03025	208	291-03025
	2	40	37	299-03026	44	276-03026	37	298-03026	44	274-03026	126	291-03026
Close-off psi — High-temperature Range is 337° F max. (170° C)												
	1/2	1	—	250	276-03072	—	250	274-03072	—	—		
		1.6	—	250	276-03073	—	250	274-03073	—	—		
		2.5	—	250	276-03074	—	250	274-03074	—	—		
		4	—	250	276-03075	—	250	274-03075	—	—		
	3/4	6.3	—	250	276-03076	—	250	274-03076	—	—		
	1	10	—	203	276-03077	—	203	274-03077	250	291-03077		
	1-1/4	16	—	117	276-03078	—	117	274-03078	250	291-03078		
	1-1/2	25	—	73	276-03079	—	73	274-03079	208	291-03079		
	2	40	—	44	276-03080	—	44	274-03080	126	291-03080		

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

Two-Way **Globe** Valve Assemblies

ANSI Class 250

Electronic Non-Spring Return Actuators

- Normally Open or Normally Closed
- Linear
- Stainless Steel Trim



NO/NC Linear 1/2 to 2"			Non-Spring Return Actuator							
2-Way Valve Body Part No.	Valve Size in.	Flow Rate Cv	Floating 3P	Floating 3P	0-10 Vdc 4-20 mA	0-10 Vdc 4-20 mA				
			SAX81.03U	SKD82.50U	SAX61.03U	SKD60U				
										NEW!
Normally Open										
Close-off psi — Standard-temperature Range 20° F to 250° F (-7° C to 120° C)										
599-03000	1/2	1	250	373-03000	250	275-03000	250	371-03000	250	267-03000
599-03001		1.6	250	373-03001	250	275-03001	250	371-03001	250	267-03001
599-03002		2.5	250	373-03002	250	275-03002	250	371-03002	250	267-03002
599-03003		4	250	373-03003	250	275-03003	250	371-03003	250	267-03003
599-03004	3/4	6.3	211	373-03004	250	275-03004	211	371-03004	250	267-03004
599-03005	1	10	137	373-03005	201	275-03005	137	371-03005	201	267-03005
599-03006	1-1/4	16	85	373-03006	124	275-03006	85	371-03006	124	267-03006
599-03007	1-1/2	25	55	373-03007	80	275-03007	55	371-03007	80	267-03007
599-03008	2	40	34	373-03008	49	275-03008	34	371-03008	49	267-03008
Close-off psi — High-temperature Range is 337° F max. (170° C)										
599-03054	1/2	1	—	250	275-03054	—	250	267-03054	—	267-03054
599-03055		1.6	—	250	275-03055	—	250	267-03055	—	267-03055
599-03056		2.5	—	250	275-03056	—	250	267-03056	—	267-03056
599-03057		4	—	250	275-03057	—	250	267-03057	—	267-03057
599-03058	3/4	6.3	—	250	275-03058	—	250	267-03058	—	267-03058
599-03059	1	10	—	201	275-03059	—	201	267-03059	—	267-03059
599-03060	1-1/4	16	—	124	275-03060	—	124	267-03060	—	267-03060
599-03061	1-1/2	25	—	80	275-03061	—	80	267-03061	—	267-03061
599-03062	2	40	—	49	275-03062	—	49	267-03062	—	267-03062
Normally Closed										
Close-off psi — Standard-temperature Range 20° F to 250° F (-7° C to 120° C)										
599-03018	1/2	1	250	373-03018	250	275-03018	250	371-03018	250	267-03018
599-03019		1.6	250	373-03019	250	275-03019	250	371-03019	250	267-03019
599-03020		2.5	250	373-03020	250	275-03020	250	371-03020	250	267-03020
599-03021		4	250	373-03021	250	275-03021	250	371-03021	250	267-03021
599-03022	3/4	6.3	250	373-03022	250	275-03022	250	371-03022	250	267-03022
599-03023	1	10	159	373-03023	203	275-03023	159	371-03023	203	267-03023
599-03024	1-1/4	16	92	373-03024	117	275-03024	92	371-03024	117	267-03024
599-03025	1-1/2	25	57	373-03025	73	275-03025	57	371-03025	73	267-03025
599-03026	2	40	35	373-03026	44	275-03026	35	371-03026	44	267-03026
Close-off psi — High-temperature Range is 337° F max. (170° C)										
599-03072	1/2	1	—	250	275-03072	—	250	267-03072	—	267-03072
599-03073		1.6	—	250	275-03073	—	250	267-03073	—	267-03073
599-03074		2.5	—	250	275-03074	—	250	267-03074	—	267-03074
599-03075		4	—	250	275-03075	—	250	267-03075	—	267-03075
599-03076	3/4	6.3	—	250	275-03076	—	250	267-03076	—	267-03076
599-03077	1	10	—	203	275-03077	—	203	267-03077	—	267-03077
599-03078	1-1/4	16	—	117	275-03078	—	117	267-03078	—	267-03078
599-03079	1-1/2	25	—	73	275-03079	—	73	267-03079	—	267-03079
599-03080	2	40	—	44	275-03080	—	44	267-03080	—	267-03080

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

Two-Way Flanged **Globe** Valve Assemblies

ANSI Class 125
Pneumatic Spring Return Actuators

- Normally Open or Normally Closed
- Equal Percentage
- Bronze and Stainless Steel Trim



A-38

Valves







NO/NC Equal Percentage 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
2-Way Valve Body Part No.	Valve Size in.	Flow Rate Cv	 599-01050	 599-01010	 599-01000	 599-01050 + 599-00426	 599-01010 + 599-00423	 599-01000 + 599-00423
Normally Open			Close-off psi — Bronze Trim					
599-05980	2-1/2	63	31 277-05980	95 279-05980	—	31 283-05980	95 285-05980	—
599-05981	3	100	20 277-05981	63 279-05981	—	20 283-05981	63 285-05981	—
599-05982	4	160	—	—	40 281-05982	—	—	40 287-05982
599-05983	5	250	—	—	26 281-05983	—	—	26 287-05983
599-05984	6	400	—	—	18 281-05984	—	—	18 287-05984
			Close-off psi — Stainless Steel Trim					
599-05960	2-1/2	63	31 277-05960	95 279-05960	—	31 283-05960	95 285-05960	—
599-05961	3	100	20 277-05961	63 279-05961	—	20 283-05961	63 285-05961	—
599-05962	4	160	—	—	40 281-05962	—	—	40 287-05962
599-05963	5	250	—	—	26 281-05963	—	—	26 287-05963
599-05964	6	400	—	—	18 281-05964	—	—	18 287-05964
Normally Closed			Close-off psi — Bronze Trim					
599-05990	2-1/2	63	36 277-05990	114 279-05990	—	36 283-05990	114 285-05990	—
599-05991	3	100	23 277-05991	74 279-05991	—	23 283-05991	74 285-05991	—
599-05992	4	160	—	—	46 281-05992	—	—	46 287-05992
599-05993	5	250	—	—	29 281-05993	—	—	29 287-05993
599-05994	6	400	—	—	20 281-05994	—	—	20 287-05994
			Close-off psi — Stainless Steel Trim					
599-05970	2-1/2	63	36 277-05970	114 279-05970	—	36 283-05970	114 285-05970	—
599-05971	3	100	23 277-05971	74 279-05971	—	23 283-05971	74 285-05971	—
599-05972	4	160	—	—	46 281-05972	—	—	46 287-05972
599-05973	5	250	—	—	29 281-05973	—	—	29 287-05973
599-05974	6	400	—	—	20 281-05974	—	—	20 287-05974

Table Notes:

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

Close-off values are for 15 psi signal for Normally Open and 0 psi signal for Normally Closed.

Close-off values for Normally Open valves with positioner may be substantially higher based on line supply pressure.

Two-Way Flanged **Globe** Valve Assemblies

ANSI Class 125
Electronic Spring Return Actuators

- Normally Open or Normally Closed
- Equal Percentage
- Bronze and Stainless Steel Trim











NO/NC Equal Percentage Flanged 2-1/2 to 6"			Spring Return Actuator											
			Floating 3P	Floating 3P	Floating 3P	0-10 Vdc 4-20 mA	0-10 Vdc 4-20 mA	0-10 Vdc 4-20 mA						
2-Way Valve Body Part No.	Valve Size in.	Flow Rate Cv												
			SKD82.51U	SKB82.51U	SKC82.61U	SKD62U	SKB62U	SKC62U						
Normally Open			Close-off psi — Bronze Trim											
	599-05980	2-1/2	63	38	276-05980	153	289-05980	—	38	274-05980	153	291-05980	—	
	599-05981	3	100	25	276-05981	101	289-05981	—	25	274-05981	101	291-05981	—	
	599-05982	4	160	—	—	—	—	65	292-05982	—	—	—	65	294-05982
	599-05983	5	250	—	—	—	—	42	292-05983	—	—	—	42	294-05983
	599-05984	6	400	—	—	—	—	29	292-05984	—	—	—	29	294-05984
				Close-off psi — Stainless Steel Trim										
599-05960	2-1/2	63	38	276-05960	153	289-05960	—	38	274-05960	153	291-05960	—		
599-05961	3	100	25	276-05961	101	289-05961	—	25	274-05961	101	291-05961	—		
599-05962	4	160	—	—	—	—	65	292-05962	—	—	—	65	294-05962	
599-05963	5	250	—	—	—	—	42	292-05963	—	—	—	42	294-05963	
599-05964	6	400	—	—	—	—	29	292-05964	—	—	—	29	294-05964	
Normally Closed			Close-off psi — Bronze Trim											
	599-05990	2-1/2	63	34	276-05990	97	289-05990	—	34	274-05990	97	291-05990	—	
	599-05991	3	100	22	276-05991	63	289-05991	—	22	274-05991	63	291-05991	—	
	599-05992	4	160	—	—	—	—	39	292-05992	—	—	—	39	294-05992
	599-05993	5	250	—	—	—	—	25	292-05993	—	—	—	25	294-05993
	599-05994	6	400	—	—	—	—	17	292-05994	—	—	—	17	294-05994
				Close-off psi — Stainless Steel Trim										
599-05970	2-1/2	63	34	276-05970	97	289-05970	—	34	274-05970	97	291-05970	—		
599-05971	3	100	22	276-05971	63	289-05971	—	22	274-05971	63	291-05971	—		
599-05972	4	160	—	—	—	—	39	292-05972	—	—	—	39	294-05972	
599-05973	5	250	—	—	—	—	25	292-05973	—	—	—	25	294-05973	
599-05974	6	400	—	—	—	—	17	292-05974	—	—	—	17	294-05974	

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

A-39

Valves

Two-Way Flanged **Globe** Valve Assemblies

ANSI Class 125
Electronic Non-Spring Return Actuators

- Normally Open or Normally Closed
- Equal Percentage
- Bronze and Stainless Steel Trim



A-40

Valves





NO/NC Equal Percentage Flanged 2-1/2 to 6"			Non-Spring Return Actuator						
2-Way Valve Body Part No.	Valve Size in.	Flow Rate Cv	Floating 3P	Floating 3P	Floating 3P	0-10 Vdc 4-20 mA			
									
			SKD82.50U	SKB82.50U	SKC82.60U	SKD60U			
Normally Open			Close-off psi — Bronze Trim						
599-05980	2-1/2	63	38	275-05980	153	290-05980	—	38	267-05980
599-05981	3	100	25	275-05981	101	290-05981	—	25	267-05981
599-05982	4	160	—	—	—	65	293-05982	—	—
599-05983	5	250	—	—	—	42	293-05983	—	—
599-05984	6	400	—	—	—	29	293-05984	—	—
Normally Closed			Close-off psi — Stainless Steel Trim						
599-05960	2-1/2	63	38	275-05960	153	290-05960	—	38	267-05960
599-05961	3	100	25	275-05961	101	290-05961	—	25	267-05961
599-05962	4	160	—	—	—	65	293-05962	—	—
599-05963	5	250	—	—	—	42	293-05963	—	—
599-05964	6	400	—	—	—	29	293-05964	—	—
Normally Open			Close-off psi — Bronze Trim						
599-05990	2-1/2	63	34	275-05990	97	290-05990	—	34	267-05990
599-05991	3	100	22	275-05991	63	290-05991	—	22	267-05991
599-05992	4	160	—	—	—	39	293-05992	—	—
599-05993	5	250	—	—	—	25	293-05993	—	—
599-05994	6	400	—	—	—	17	293-05994	—	—
Normally Closed			Close-off psi — Stainless Steel Trim						
599-05970	2-1/2	63	34	275-05970	97	290-05970	—	34	267-05970
599-05971	3	100	22	275-05971	63	290-05971	—	22	267-05971
599-05972	4	160	—	—	—	39	293-05972	—	—
599-05973	5	250	—	—	—	25	293-05973	—	—
599-05974	6	400	—	—	—	17	293-05974	—	—

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

Two-Way Flanged **Globe** Valve Assemblies

ANSI Class 125
Pneumatic Spring Return Actuators

- Normally Open or Normally Closed
- Linear
- Stainless Steel Trim













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	
2-Way Valve Body Part No.	Valve Size in.	Flow Rate Cv									
			599-01050	599-01051	599-01010	599-01000	599-01050 + 599-00426	599-01051 + 599-00426	599-01010 + 599-00423	599-01000 + 599-00423	
Normally Open											
Close-off psi — Standard-temperature Range 20° F to 250° F (-7° C to 120° C)											
	599-06060	2-1/2	63	31 277-06060	—	95 279-06060	—	31 283-06060	—	95 285-06060	—
	599-06061	3	100	20 277-06061	—	63 279-06061	—	20 283-06061	—	63 285-06061	—
	599-06062	4	160	—	—	—	40 281-06062	—	—	—	40 287-06062
	599-06063	5	250	—	—	—	26 281-06063	—	—	—	26 287-06063
	599-06064	6	400	—	—	—	18 281-06064	—	—	—	18 287-06064
Close-off psi — High-temperature Range is 337° F max. (170° C)											
	599-06040	2-1/2	63	31 277-06040	31 278-06040	95 279-06040	—	31 283-06040	31 284-06040	95 285-06040	—
	599-06041	3	100	20 277-06041	20 278-06041	63 279-06041	—	20 283-06041	20 284-06041	63 285-06041	—
	599-06042	4	160	—	—	—	40 281-06042	—	—	—	40 287-06042
	599-06043	5	250	—	—	—	26 281-06043	—	—	—	26 287-06043
	599-06044	6	400	—	—	—	18 281-06044	—	—	—	18 287-06044
Normally Closed											
Close-off psi — Standard-temperature Range 20° F to 250° F (-7° C to 120° C)											
	599-06070	2-1/2	63	36 277-06070	—	114 279-06070	—	36 283-06070	—	114 285-06070	—
	599-06071	3	100	23 277-06071	—	74 279-06071	—	23 283-06071	—	74 285-06071	—
	599-06072	4	160	—	—	—	46 281-06072	—	—	—	46 287-06072
	599-06073	5	250	—	—	—	29 281-06073	—	—	—	29 287-06073
	599-06074	6	400	—	—	—	20 281-06074	—	—	—	20 287-06074
Close-off psi — High-temperature Range is 337° F max. (170° C)											
	599-06050	2-1/2	63	36 277-06050	36 278-06050	114 279-06050	—	36 283-06050	36 284-06050	114 285-06050	—
	599-06051	3	100	23 277-06051	23 278-06051	74 279-06051	—	23 283-06051	23 284-06051	74 285-06051	—
	599-06052	4	160	—	—	—	46 281-06052	—	—	—	46 287-06052
	599-06053	5	250	—	—	—	29 281-06053	—	—	—	29 287-06053
	599-06054	6	400	—	—	—	20 281-06054	—	—	—	20 287-06054

Table Notes:

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

Close-off values are for 15 psi signal for Normally Open and 0 psi signal for Normally Closed.

Close-off values for Normally Open valves with positioner may be substantially higher based on line supply pressure.

A-41

Valves

Two-Way Flanged **Globe** Valve Assemblies

ANSI Class 125
Electronic Spring Return Actuators

- Normally Open or Normally Closed
- Linear
- Stainless Steel Trim



A-42

Valves

NO/NC Linear Flanged 2-1/2 to 6"			Spring Return Actuator										
			Floating 3P	Floating 3P	Floating 3P	0-10 Vdc 4-20 mA	0-10 Vdc 4-20 mA	0-10 Vdc 4-20 mA					
2-Way Valve Body Part No.	Valve Size in.	Flow Rate Cv											
			SKD82.51U	SKB82.51U	SKC82.61U	SKD62U	SKB62U	SKC62U					
Normally Open			Close-off psi — Standard-temperature Range 20° F to 250° F (-7° C to 120° C)										
	599-06060	2-1/2 63	38	276-06060	153	289-06060	—	38	274-06060	153	291-06060	—	
	599-06061	3 100	25	276-06061	101	289-06061	—	25	274-06061	101	291-06061	—	
	599-06062	4 160	—	—	—	65	292-06062	—	—	—	—	65	294-06062
	599-06063	5 250	—	—	—	42	292-06063	—	—	—	—	42	294-06063
	599-06064	6 400	—	—	—	29	292-06064	—	—	—	—	29	294-06064
			Close-off psi — High-temperature Range is 337° F max. (170° C)										
	599-06040	2-1/2 63	38	276-06040	153	289-06040	—	38	274-06040	153	291-06040	—	
	599-06041	3 100	25	276-06041	101	289-06041	—	25	274-06041	101	291-06041	—	
	599-06042	4 160	—	—	—	65	292-06042	—	—	—	—	65	294-06042
	599-06043	5 250	—	—	—	42	292-06043	—	—	—	—	42	294-06043
	599-06044	6 400	—	—	—	29	292-06044	—	—	—	—	29	294-06044
Normally Closed			Close-off psi — Standard-temperature Range 20° F to 250° F (-7° C to 120° C)										
	599-06070	2-1/2 63	34	276-06070	97	289-06070	—	34	274-06070	97	291-06070	—	
	599-06071	3 100	22	276-06071	63	289-06071	—	22	274-06071	63	291-06071	—	
	599-06072	4 160	—	—	—	39	292-06072	—	—	—	—	39	294-06072
	599-06073	5 250	—	—	—	25	292-06073	—	—	—	—	25	294-06073
	599-06074	6 400	—	—	—	17	292-06074	—	—	—	—	17	294-06074
			Close-off psi — High-temperature Range is 337° F max. (170° C)										
	599-06050	2-1/2 63	34	276-06050	97	289-06050	—	34	274-06050	97	291-06050	—	
	599-06051	3 100	22	276-06051	63	289-06051	—	22	274-06051	63	291-06051	—	
	599-06052	4 160	—	—	—	39	292-06052	—	—	—	—	39	294-06052
	599-06053	5 250	—	—	—	25	292-06053	—	—	—	—	25	294-06053
	599-06054	6 400	—	—	—	17	292-06054	—	—	—	—	17	294-06054

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

Two-Way Flanged **Globe** Valve Assemblies

ANSI Class 125

Electronic Non-Spring Return Actuators

- Normally Open or Normally Closed
- Linear
- Stainless Steel Trim









NO/NC Linear Flanged 2-1/2 to 6"			Non-Spring Return Actuator							
			Floating 3P	Floating 3P	Floating 3P	0-10 Vdc 4-20 mA				
2-Way Valve Body Part No.	Valve Size in.	Flow Rate Cv	 SKD82.50U	 SKB82.50U	 SKC82.60U	 SKD60U				
Normally Open										
Close-off psi — Standard-temperature Range 20° F to 250° F (-7° C to 120° C)										
	599-06060	2-1/2	63	38	275-06060	153	290-06060	—	38	267-06060
	599-06061	3	100	25	275-06061	101	290-06061	—	25	267-06061
	599-06062	4	160	—	—	—	65	293-06062	—	—
	599-06063	5	250	—	—	—	42	293-06063	—	—
	599-06064	6	400	—	—	—	29	293-06064	—	—
Close-off psi — High-temperature Range is 337° F max. (170° C)										
	599-06040	2-1/2	63	38	275-06040	153	290-06040	—	38	267-06040
	599-06041	3	100	25	275-06041	101	290-06041	—	25	267-06041
	599-06042	4	160	—	—	—	65	293-06042	—	—
	599-06043	5	250	—	—	—	42	293-06043	—	—
	599-06044	6	400	—	—	—	29	293-06044	—	—
Normally Closed										
Close-off psi — Standard-temperature Range 20° F to 250° F (-7° C to 120° C)										
	599-06070	2-1/2	63	34	275-06070	97	290-06070	—	34	267-06070
	599-06071	3	100	22	275-06071	63	290-06071	—	22	267-06071
	599-06072	4	160	—	—	—	39	293-06072	—	—
	599-06073	5	250	—	—	—	25	293-06073	—	—
	599-06074	6	400	—	—	—	17	293-06074	—	—
Close-off psi — High-temperature Range is 337° F max. (170° C)										
	599-06050	2-1/2	63	34	275-06050	97	290-06050	—	34	267-06050
	599-06051	3	100	22	275-06051	63	290-06051	—	22	267-06051
	599-06052	4	160	—	—	—	39	293-06052	—	—
	599-06053	5	250	—	—	—	25	293-06053	—	—
	599-06054	6	400	—	—	—	17	293-06054	—	—

Table Notes:

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

A-43

Valves

Two-Way Flanged **Globe** High Pressure Close-off Valve Assemblies

ANSI Class 125

Pneumatic and Electro-Hydraulic Spring Return Actuators

- Normally Open or Normally Closed
- Equal Percentage
- Stainless Steel Trim
- 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.	Valve Size in.	Flow Rate Cv	Close Off psi	 599-01050 + 599-00426	 599-01000 + 599-00423	 SKD62U	 SKC62U	
Normally Open				Stainless Steel Trim				
	599-06610	2-1/2	63	200	283-06610	—	274-06610	—
	599-06611	3	100	200	283-06611	—	274-06611	—
	599-06612	4	160	200	—	287-06612	—	294-06612
	599-06613	5	250	200	—	287-06613	—	294-06613
	599-06614	6	400	200	—	287-06614	—	294-06614
Normally Closed				Stainless Steel Trim				
	599-06615	2-1/2	63	200	283-06615	—	274-06615	—
	599-06616	3	100	200	283-06616	—	274-06616	—
	599-06617	4	160	200	—	287-06617	—	294-06617
	599-06618	5	250	200	—	287-06618	—	294-06618
	599-06619	6	400	200	—	287-06619	—	294-06619

Table Notes:

Part numbers in red indicate complete assemblies.

Close-off values are for 15 psi signal for Normally Open and 0 psi signal for Normally Closed.

A-46

Valves

Two-Way Flanged **Globe** High Pressure Close-off Valve Assemblies

ANSI Class 250

Pneumatic and Electro-Hydraulic Spring Return Actuators

- Normally Open or Normally Closed
- Equal Percentage
- Stainless Steel Trim
- 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.	Valve Size in.	Flow Rate Cv	Close Off psi	 599-01050 + 599-00426	 599-01000 + 599-00423	 SKD62U	 SKC62U	
Normally Open								
				Stainless Steel Trim				
	599-06620	2-1/2	63	200	283-06620	—	274-06620	—
	599-06621	3	100	200	283-06621	—	274-06621	—
	599-06622	4	160	200	—	287-06622	—	294-06622
	599-06623	5	250	200	—	287-06623	—	294-06623
	599-06624	6	400	200	—	287-06624	—	294-06624
Normally Closed								
				Stainless Steel Trim				
	599-06625	2-1/2	63	200	283-06625	—	274-06625	—
	599-06626	3	100	200	283-06626	—	274-06626	—
	599-06627	4	160	200	—	287-06627	—	294-06627
	599-06628	5	250	200	—	287-06628	—	294-06628
	599-06629	6	400	200	—	287-06629	—	294-06629

Table Notes:

Part numbers in red indicate complete assemblies.

Close-off values are for 15 psi signal for Normally Open and 0 psi signal for Normally Closed.

A-47

Valves

Two-Way Flanged **Globe** Valve Assemblies

ANSI Class 250
Pneumatic Spring Return Actuators

- Normally Open or Normally Closed
- Equal Percentage
- Bronze and Stainless Steel Trim



A-48

Valves









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

Table Notes:

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

Close-off values are for 15 psi signal for Normally Open and 0 psi signal for Normally Closed.

Close-off values for Normally Open valves with positioner may be substantially higher based on line supply pressure.

Two-Way Flanged **Globe** Valve Assemblies

ANSI Class 250

Electronic Spring Return Actuators

- Normally Open or Normally Closed
- Equal Percentage
- Bronze and Stainless Steel Trim











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

Table Notes:

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

A-49

Valves

Two-Way Flanged **Globe** Valve Assemblies

ANSI Class 250
Electronic Non-Spring Return Actuators

- Normally Open or Normally Closed
- Equal Percentage
- Bronze and Stainless Steel Trim



A-50

Valves





NO/NC Equal Percentage Flanged 2-1/2 to 6"			Non-Spring Return Actuator						
2-Way Valve Body Part No.	Valve Size in.	Flow Rate Cv	Floating 3P	Floating 3P	Floating 3P	0-10 Vdc 4-20 mA			
									
			SKD82.50U	SKB82.50U	SKC82.60U	SKD60U			
Normally Open									
Close-off psi — Bronze Trim									
599-05940	2-1/2	63	38	275-05940	153	290-05940	—	38	267-05940
599-05941	3	100	25	275-05941	101	290-05941	—	25	267-05941
599-05942	4	160	—	—	—	65	293-05942	—	—
599-05943	5	250	—	—	—	42	293-05943	—	—
599-05944	6	400	—	—	—	29	293-05944	—	—
Close-off psi — Stainless Steel Trim									
599-05920	2-1/2	63	38	275-05920	153	290-05920	—	38	267-05920
599-05921	3	100	25	275-05921	101	290-05921	—	25	267-05921
599-05922	4	160	—	—	—	65	293-05922	—	—
599-05923	5	250	—	—	—	42	293-05923	—	—
599-05924	6	400	—	—	—	29	293-05924	—	—
Normally Closed									
Close-off psi — Bronze Trim									
599-05950	2-1/2	63	34	275-05950	97	290-05950	—	34	267-05950
599-05951	3	100	22	275-05951	63	290-05951	—	22	267-05951
599-05952	4	160	—	—	—	39	293-05952	—	—
599-05953	5	250	—	—	—	25	293-05953	—	—
599-05954	6	400	—	—	—	17	293-05954	—	—
Close-off psi — Stainless Steel Trim									
599-05930	2-1/2	63	34	275-05930	97	290-05930	—	34	267-05930
599-05931	3	100	22	275-05931	63	290-05931	—	22	267-05931
599-05932	4	160	—	—	—	39	293-05932	—	—
599-05933	5	250	—	—	—	25	293-05933	—	—
599-05934	6	400	—	—	—	17	293-05934	—	—

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

Two-Way Flanged **Globe** Valve Assemblies

ANSI Class 250
Pneumatic Spring Return Actuators

- Normally Open or Normally Closed
- Linear
- Stainless Steel Trim













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	
2-Way Valve Body Part No.	Valve Size in.	Flow Rate Cv									
			599-01050	599-01051	599-01010	599-01000	599-01050 + 599-00426	599-01051 + 599-00426	599-01010 + 599-00423	599-01000 + 599-00423	
Normally Open											
Close-off psi — Standard-temperature Range 20° F to 250° F (-7° C to 120° C)											
	599-06140	2-1/2	63	31 277-06140	—	95 279-06140	—	31 283-06140	—	95 285-06140	—
	599-06141	3	100	20 277-06141	—	63 279-06141	—	20 283-06141	—	63 285-06141	—
	599-06142	4	160	—	—	—	40 281-06142	—	—	—	40 287-06142
	599-06143	5	250	—	—	—	26 281-06143	—	—	—	26 287-06143
	599-06144	6	400	—	—	—	18 281-06144	—	—	—	18 287-06144
Close-off psi — High-temperature Range is 337° F max. (170° C)											
	599-06120	2-1/2	63	31 277-06120	31 278-06120	95 279-06120	—	31 283-06120	31 284-06120	95 285-06120	—
	599-06121	3	100	20 277-06121	20 278-06121	63 279-06121	—	20 283-06121	20 284-06121	63 285-06121	—
	599-06122	4	160	—	—	—	40 281-06122	—	—	—	40 287-06122
	599-06123	5	250	—	—	—	26 281-06123	—	—	—	26 287-06123
	599-06124	6	400	—	—	—	18 281-06124	—	—	—	18 287-06124
Normally Closed											
Close-off psi — Standard-temperature Range 20° F to 250° F (-7° C to 120° C)											
	599-06150	2-1/2	63	36 277-06150	—	114 279-06150	—	36 283-06150	—	114 285-06150	—
	599-06151	3	100	23 277-06151	—	74 279-06151	—	23 283-06151	—	74 285-06151	—
	599-06152	4	160	—	—	—	46 281-06152	—	—	—	46 287-06152
	599-06153	5	250	—	—	—	29 281-06153	—	—	—	29 287-06153
	599-06154	6	400	—	—	—	20 281-06154	—	—	—	20 287-06154
Close-off psi — High-temperature Range is 337° F max. (170° C)											
	599-06130	2-1/2	63	36 277-06130	36 278-06130	114 279-06130	—	36 283-06130	36 284-06130	114 285-06130	—
	599-06131	3	100	23 277-06131	23 278-06131	74 279-06131	—	23 283-06131	23 284-06131	74 285-06131	—
	599-06132	4	160	—	—	—	46 281-06132	—	—	—	46 287-06132
	599-06133	5	250	—	—	—	29 281-06133	—	—	—	29 287-06133
	599-06134	6	400	—	—	—	20 281-06134	—	—	—	20 287-06134

Table Notes:

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

Close-off values are for 15 psi signal for Normally Open and 0 psi signal for Normally Closed.

Close-off values for Normally Open valves with positioner may be substantially higher based on line supply pressure.

A-51

Valves

Two-Way Flanged **Globe** Valve Assemblies

ANSI Class 250
Electronic Spring Return Actuators

- Normally Open or Normally Closed
- Linear
- Stainless Steel Trim



A-52

Valves









NO/NC Linear Flanged 2-1/2 to 6"			Spring Return Actuator					
			Floating 3P	Floating 3P	Floating 3P	0-10 Vdc 4-20 mA	0-10 Vdc 4-20 mA	0-10 Vdc 4-20 mA
2-Way Valve Body Part No.	Valve Size in.	Flow Rate Cv						
			SKD82.51U	SKB82.51U	SKC82.61U	SKD62U	SKB62U	SKC62U
Normally Open			Close-off psi — Standard-temperature Range 20° F to 250° F (-7° C to 120° C)					
	599-06140	2-1/2 63	38 276-06140	153 289-06140	—	38 274-06140	153 291-06140	—
	599-06141	3 100	25 276-06141	101 289-06141	—	25 274-06141	101 291-06141	—
	599-06142	4 160	—	—	65 292-06142	—	—	65 294-06142
	599-06143	5 250	—	—	42 292-06143	—	—	42 294-06143
	599-06144	6 400	—	—	29 292-06144	—	—	29 294-06144
			Close-off psi — High-temperature Range is 337° F max. (170° C)					
	599-06120	2-1/2 63	38 276-06120	153 289-06120	—	38 274-06120	153 291-06120	—
	599-06121	3 100	25 276-06121	101 289-06121	—	25 274-06121	101 291-06121	—
	599-06122	4 160	—	—	65 292-06122	—	—	65 294-06122
	599-06123	5 250	—	—	42 292-06123	—	—	42 294-06123
	599-06124	6 400	—	—	29 292-06124	—	—	29 294-06124
Normally Closed			Close-off psi — Standard-temperature Range 20° F to 250° F (-7° C to 120° C)					
	599-06150	2-1/2 63	34 276-06150	97 289-06150	—	34 274-06150	97 291-06150	—
	599-06151	3 100	22 276-06151	63 289-06151	—	22 274-06151	63 291-06151	—
	599-06152	4 160	—	—	39 292-06152	—	—	39 294-06152
	599-06153	5 250	—	—	25 292-06153	—	—	25 294-06153
	599-06154	6 400	—	—	17 292-06154	—	—	17 294-06154
			Close-off psi — High-temperature Range is 337° F max. (170° C)					
	599-06130	2-1/2 63	34 276-06130	97 289-06130	—	34 274-06130	97 291-06130	—
	599-06131	3 100	22 276-06131	63 289-06131	—	22 274-06131	63 291-06131	—
	599-06132	4 160	—	—	39 292-06132	—	—	39 294-06132
	599-06133	5 250	—	—	25 292-06133	—	—	25 294-06133
	599-06134	6 400	—	—	17 292-06134	—	—	17 294-06134

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

Two-Way Flanged **Globe** Valve Assemblies

ANSI Class 250
Electronic Non-Spring Return Actuators

- Normally Open or Normally Closed
- Linear
- Stainless Steel Trim









NO/NC Linear Flanged 2-1/2 to 6"			Non-Spring Return Actuator							
			Floating 3P	Floating 3P	Floating 3P	0-10 Vdc 4-20 mA				
2-Way Valve Body Part No.	Valve Size in.	Flow Rate Cv	 SKD82.50U	 SKB82.50U	 SKC82.60U	 SKD60U				
Normally Open										
Close-off psi — Standard-temperature Range 20° F to 250° F (-7° C to 120° C)										
	599-06140	2-1/2	63	38	275-06140	153	290-06140	—	38	267-06140
	599-06141	3	100	25	275-06141	101	290-06141	—	25	267-06141
	599-06142	4	160	—	—	—	65	293-06142	—	—
	599-06143	5	250	—	—	—	42	293-06143	—	—
	599-06144	6	400	—	—	—	29	293-06144	—	—
Close-off psi — High-temperature Range is 337° F max. (170° C)										
	599-06120	2-1/2	63	38	275-06120	153	290-06120	—	38	267-06120
	599-06121	3	100	25	275-06121	101	290-06121	—	25	267-06121
	599-06122	4	160	—	—	—	65	293-06122	—	—
	599-06123	5	250	—	—	—	42	293-06123	—	—
	599-06124	6	400	—	—	—	29	293-06124	—	—
Normally Closed										
Close-off psi — Standard-temperature Range 20° F to 250° F (-7° C to 120° C)										
	599-06150	2-1/2	63	34	275-06150	97	290-06150	—	34	267-06150
	599-06151	3	100	22	275-06151	63	290-06151	—	22	267-06151
	599-06152	4	160	—	—	—	39	293-06152	—	—
	599-06153	5	250	—	—	—	25	293-06153	—	—
	599-06154	6	400	—	—	—	17	293-06154	—	—
Close-off psi — High-temperature Range is 337° F max. (170° C)										
	599-06130	2-1/2	63	34	275-06130	97	290-06130	—	34	267-06130
	599-06131	3	100	22	275-06131	63	290-06131	—	22	267-06131
	599-06132	4	160	—	—	—	39	293-06132	—	—
	599-06133	5	250	—	—	—	25	293-06133	—	—
	599-06134	6	400	—	—	—	17	293-06134	—	—

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

A-53

Valves