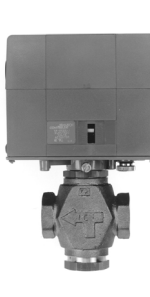


VG7000 Series

Brass Trim Globe Valves with Electric Actuators Closeoff Pressures

Selection Chart

Selection Chart					
		Non-Spring Return			
		VA-7150-1001 On/Off (Floating)	VA-7200-1001 On/Off (Floating)	VA-8020-1 On/Off (Floating)	VA7810-GGx-2 0 to 10 VDC Proportional
		VA-7152-1001 0 to 10 VDC Proportional	VA-7202-1001 0 to 10 VDC Proportional	VA-8122-1 0 to 10 VDC Proportional	
		VA-7153-1001 On/Off (Floating) with Feedback	VA-7203-1001 On/Off (Floating) with Feedback		
Temperature Range	35 to 284°F (2 to 140°C), 38 psig Saturated Steam	35 to 284°F (2 to 140°C), 38 psig Saturated Steam	35 to 195°F (2 to 90°C)	35 to 284°F (2 to 140°C), 38 psig Saturated Steam	
Linkage	None	None	None	None	
Valve Stem Type	Requires T Stem Valve	Requires T Stem Valve	Requires S Stem Valve	Requires T Stem Valve	
Size	Cv	Closeoff Pressure			
Two-Way Push-Down-to-Close					
1/2 in.	0.73	345	---	112	345
1/2 in.	1.8	345	---	80	345
1/2 in.	4.6	216	---	45	345
3/4 in.	7.3	138	---	29	289
1 in.	11.6	86	179	---	182
1-1/4 in.	18.5	52	109	---	111
1-1/2 in.	28.9	34	70	---	71
2 in.	46.2	21	45	---	46
Two-Way Push-Down-to-Open					
1/2 in.	0.73	---	---	---	---
1/2 in.	1.8	---	---	---	---
1/2 in.	4.6	---	---	---	---
3/4 in.	7.3	---	---	---	---
1 in.	11.6	---	---	---	---
1-1/4 in.	18.5	---	---	---	---
1-1/2 in.	28.9	---	---	---	---
2 in.	46.2	---	---	---	---
Three-Way Mixing					
1/2 in.	0.73	345 / 345	---	112 / 345	345 / 345
1/2 in.	1.8	345 / 345	---	80 / 112	345 / 345
1/2 in.	4.6	216 / 257	---	45 / 54	345 / 345
3/4 in.	7.3	138 / 153	---	29 / 32	289 / 321
1 in.	11.6	86 / 100	179 / 209	---	182 / 213
1-1/4 in.	18.5	52 / 57	109 / 120	---	111 / 122
1-1/2 in.	28.9	34 / 36	70 / 74	---	71 / 76
2 in.	46.2	21 / 22	45 / 46	---	46 / 47

Brass Trim Globe Valves with Electric Actuators Closeoff Pressures (Continued)

Selection Chart (Continued)

				
		Spring Return Valve Stem Up		Spring Return Valve Stem Down
		VA-4233-BGx-2 On/Off	VA7820-HGx-2 0 to 10 VDC Proportional ¹	VA7830-HGx-2 0 to 10 VDC Proportional ¹
		VA-4233-GGx-2 0 to 10 VDC Proportional		
Temperature Range		35 to 250°F (2 to 121°C), 15 psig Saturated Steam	35 to 284°F (2 to 140°C), 38 psig Saturated Steam	35 to 284°F (2 to 140°C), 38 psig Saturated Steam
Linkage		None		
Valve Stem Type		Requires T Stem Valve	Requires T Stem Valve	Requires T Stem Valve
Size	Cv	Closeoff Pressure		
Two-Way Push-Down-to-Close				
1/2 in.	0.73	345	345	---
1/2 in.	1.8	345	345	---
1/2 in.	4.6	208	345	---
3/4 in.	7.3	132	289	---
1 in.	11.6	63	182	---
1-1/4 in.	18.5	38	111	---
1-1/2 in.	28.9	---	71	---
2 in.	46.2	---	46	---
Two-Way Push-Down-to-Open				
1/2 in.	0.73	345	345	---
1/2 in.	1.8	345	345	---
1/2 in.	4.6	173	345	---
3/4 in.	7.3	103	289	---
1 in.	11.6	66	182	---
1-1/4 in.	18.5	38	111	---
1-1/2 in.	28.9	---	71	---
2 in.	46.2	---	46	---
Three-Way Mixing				
1/2 in.	0.73	345 / 345	345 / 345	345 / 345
1/2 in.	1.8	345 / 345	345 / 345	345 / 345
1/2 in.	4.6	208 / 173	345 / 345	345 / 345
3/4 in.	7.3	132 / 103	289 / 321	289 / 321
1 in.	11.6	63 / 66	182 / 213	182 / 213
1-1/4 in.	18.5	38 / 38	111 / 122	111 / 122
1-1/2 in.	28.9	---	71 / 76	71 / 76
2 in.	46.2	---	46 / 47	46 / 47

1. As shipped; Field-Selectable Control—On/Off, Floating