



VG7000 Series Globe Valves



MP82 SERIES SPRING RETURN PNEUMATIC ACTUATORS

- Available in brass trim
- Controls – hot water, chilled water, glycol solutions and steam
- Meets requirements of ASME B16.15 class 250
- Long life replaceable ring packing provides highest reliability and longest life
- Every valve tested for tight shut-off
- Fluid temperature range – 35 to 284°F (2 to 140°C)
- Steam pressure – 38 psig saturated steam
- Effective diaphragm area 25 square inches
- Optional positioner available

MP82 SPRING RETURN PNEUMATIC ACTUATORS

VALVE	SPRING RANGE		3 TO 6 PSIG		4 TO 8 PSIG		9 TO 13 PSIG	
	SIZE	Cv	CLOSEOFF	CODE NUMBER	CLOSEOFF	CODE NUMBER	CLOSEOFF	CODE NUMBER
TWO-WAY PUSH-DOWN-TO-CLOSE (NORMALLY OPEN) – NPT END CONNECTIONS WITHOUT POSITIONER								
VG7241NT	1	11.6	279	VG7241NT+822C00	257	VG7241NT+822D00	148	VG7241NT+822E00
VG7241PT	1-1/4	18.5	170	VG7241PT+822C00	157	VG7241PT+822D00	90	VG7241PT+822E00
VG7241RT	1-1/2	28.9	109	VG7241RT+823C00	100	VG7241RT+823D00	58	VG7241RT+823E00
VG7241ST	2	46.2	70	VG7241ST+823C00	64	VG7241ST+823D00	37	VG7241ST+823E00
TWO-WAY PUSH-DOWN-TO-OPEN (NORMALLY CLOSED) – NPT END CONNECTIONS WITHOUT POSITIONER								
VG7441NT	1	11.6	70	VG7441NT+822C00	96	VG7441NT+822D00	223	VG7441NT+822E00
VG7441PT	1-1/4	18.5	40	VG7441PT+822C00	55	VG7441PT+822D00	128	VG7441PT+822E00
VG7441RT	1-1/2	28.9	25	VG7441RT+823C00	34	VG7441RT+823D00	79	VG7441RT+823E00
VG7441ST	2	46.2	16	VG7441ST+823C00	21	VG7441ST+823D00	50	VG7441ST+823E00
THREE-WAY MIXING – NPT END CONNECTIONS WITHOUT POSITIONER								
VG7842NT	1	11.6	279/70	VG7842NT+822C00	257/96	VG7842NT+822D00	148/223	VG7842NT+822E00
VG7842PT	1-1/4	18.5	170/40	VG7842PT+822C00	157/55	VG7842PT+822D00	90/128	VG7842PT+822E00
VG7842RT	1-1/2	28.9	109/25	VG7842RT+823C00	100/34	VG7842RT+823D00	58/79	VG7842RT+823E00
VG7842ST	2	46.2	70/16	VG7842ST+823C00	64/21	VG7842ST+823D00	37/50	VG7842ST+823E00
TWO-WAY PUSH-DOWN-TO-CLOSE (NORMALLY OPEN) – NPT END CONNECTIONS WITH POSITIONER								
VG7241NT	1	11.6	279	VG7241NT+822C01	257	VG7241NT+822D01	148	VG7241NT+822E01
VG7241PT	1-1/4	18.5	170	VG7241PT+822C01	157	VG7241PT+822D01	90	VG7241PT+822E01
VG7241RT	1-1/2	28.9	109	VG7241RT+823C01	100	VG7241RT+823D01	58	VG7241RT+823E01
VG7241ST	2	46.2	70	VG7241ST+823C01	64	VG7241ST+823D01	37	VG7241ST+823E01
TWO-WAY PUSH-DOWN-TO-OPEN (NORMALLY CLOSED) – NPT END CONNECTIONS WITH POSITIONER								
VG7441NT	1	11.6	70	VG7441NT+822C01	96	VG7441NT+822D01	223	VG7441NT+822E01
VG7441PT	1-1/4	18.5	40	VG7441PT+822C01	55	VG7441PT+822D01	128	VG7441PT+822E01
VG7441RT	1-1/2	28.9	25	VG7441RT+823C01	34	VG7441RT+823D01	79	VG7441RT+823E01
VG7441ST	2	46.2	16	VG7441ST+823C01	21	VG7441ST+823D01	50	VG7441ST+823E01
THREE-WAY MIXING – NPT END CONNECTIONS WITH POSITIONER								
VG7842NT	1	11.6	279/70	VG7842NT+822C01	257/96	VG7842NT+822D01	148/223	VG7842NT+822E01
VG7842PT	1-1/4	18.5	170/40	VG7842PT+822C01	157/55	VG7842PT+822D01	90/128	VG7842PT+822E01
VG7842RT	1-1/2	28.9	109/25	VG7842RT+823C01	100/34	VG7842RT+823D01	58/79	VG7842RT+823E01
VG7842ST	2	46.2	70/16	VG7842ST+823C01	64/21	VG7842ST+823D01	37/50	VG7842ST+823E01



VG7000 Series Globe Valves

PNEUMATIC ACTUATOR AND MOUNTING KITS FOR VG7000 THREADED STEM VALVES – ORDERED SEPARATELY

ACTUATOR	VALVE SIZE	SPRING RANGE	MOUNTING KIT
V-3801-8001	1/2 and 3/4 in	3 to 6 psig	VG7000-1010
		4 to 8 psig	VG7000-1011
		9 to 13 psig	VG7000-1012
V-3000-8011 or V-3000-8003	1/2 and 3/4 in	3 to 6 psig	VG7000-1001
		4 to 8 psig	VG7000-1002
		9 to 13 psig	VG7000-1003
	1 and 1-1/4 in	3 to 6 psig	VG7000-1004
		4 to 8 psig	VG7000-1005
		9 to 13 psig	VG7000-1006
	1-1/2 and 2 in	3 to 6 psig	VG7000-1007
		4 to 8 psig	VG7000-1008
		9 to 13 psig	VG7000-1009
MP822C001	1 and 1-1/4 in	3 to 7 psig	MP8000-6702
MP822D001		4 to 8 psig	
MP822E001		9 to 13 psig	
MP823C001	1-1/2 and 2 in	3 to 7 psig	
MP823D001		4 to 8 psig	
MP823E001		9 to 13 psig	