



VG7000 Series Globe Valves



VA-4233 SERIES SPRING RETURN ELECTRIC ACTUATORS

- Available in brass trim
- Manual opener
- 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 250°F (2 to 121°C)
- Steam pressure – 15 psig saturated steam
- 63lb force – provides high shutoff
- Optional auxiliary switches available
- Voltage – 20 to 30 VAC, 50/60 Hz, 12 VA maximum
- Auto stroke calibration – proportional models available

VA-4233 SERIES SPRING RETURN - STEM UP

VALVE	SIZE IN.	Cv	CLOSEOFF PSIG	FLOATING CONTROL	ON / OFF CONTROL	DC 0 TO 10 V PROPORTIONAL
				VA-4233-AGA-2	VA-4233-BGA-2	VA-4233-GGA-2
TWO-WAY SPRING RETURN OPEN – BRASS TRIM WITHOUT AUXILIARY SWITCHES						
VG7241CT	1/2	0.73	345	VG7241CT+423AGA	VG7241CT+423BGA	VG7241CT+423GGA
VG7241ET	1/2	1.8	345	VG7241ET+423AGA	VG7241ET+423BGA	VG7241ET+423GGA
VG7241GT	1/2	4.6	208	VG7241GT+423AGA	VG7241GT+423BGA	VG7241GT+423GGA
VG7241LT	3/4	7.3	132	VG7241LT+423AGA	VG7241LT+423BGA	VG7241LT+423GGA
VG7241NT	1	11.6	63	VG7241NT+423AGA	VG7241NT+423BGA	VG7241NT+423GGA
VG7241PT	1-1/4	18.5	38	VG7241PT+423AGA	VG7241PT+423BGA	VG7241PT+423GGA
TWO-WAY SPRING RETURN CLOSED – BRASS TRIM WITHOUT AUXILIARY SWITCHES						
VG7441CT	1/2	0.73	345	VG7441CT+423AGA	VG7441CT+423BGA	VG7441CT+423GGA
VG7441ET	1/2	1.8	345	VG7441ET+423AGA	VG7441ET+423BGA	VG7441ET+423GGA
VG7441GT	1/2	4.6	173	VG7441GT+423AGA	VG7441GT+423BGA	VG7441GT+423GGA
VG7441LT	3/4	7.3	103	VG7441LT+423AGA	VG7441LT+423BGA	VG7441LT+423GGA
VG7441NT	1	11.6	68	VG7441NT+423AGA	VG7441NT+423BGA	VG7441NT+423GGA
VG7441PT	1-1/4	18.5	38	VG7441PT+423AGA	VG7441PT+423BGA	VG7441PT+423GGA
THREE-WAY MIXING – BRASS TRIM WITHOUT AUXILIARY SWITCHES						
VG7842CT	1/2	0.73	345/345	VG7842CT+423AGA	VG7842CT+423BGA	VG7842CT+423GGA
VG7842ET	1/2	1.8	345/345	VG7842ET+423AGA	VG7842ET+423BGA	VG7842ET+423GGA
VG7842GT	1/2	4.6	208/173	VG7842GT+423AGA	VG7842GT+423BGA	VG7842GT+423GGA
VG7842LT	3/4	7.3	132/103	VG7842LT+423AGA	VG7842LT+423BGA	VG7842LT+423GGA
VG7842NT	1	11.6	63/68	VG7842NT+423AGA	VG7842NT+423BGA	VG7842NT+423GGA
VG7842PT	1-1/4	18.5	38/38	VG7842PT+423AGA	VG7842PT+423BGA	VG7842PT+423GGA

The above assemblies do not have auxiliary switches. To specify an assembly with two auxiliary switches change the last "A" in the code number to a "C."
Example VG7241CT+423AGA becomes VG7241CT+423AGC



VG7000 Series Globe Valves



VA7800 SERIES SPRING RETURN ELECTRIC ACTUATOR

- Available in brass trim
- Manual opener
- 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
- Actuator selector switches allow field conversion from proportional control to floating or on/off control
- Fluid temperature range – 35 to 284°F (2 to 140°C)
- Steam pressure – 38 psig saturated steam
- 180lb force – provides high shutoff
- Voltage – 20 to 30 VAC, 50/60 Hz, 11 VA maximum

VA7800 SERIES SPRING RETURN ELECTRIC ACTUATOR

VALVE	SIZE IN.	Cv	CLOSEOFF PSIG	SPRING RETURN - STEM UP		SPRING RETURN - STEM DOWN	
				WITHOUT AUXILIARY SWITCHES	WITH TWO AUXILIARY SWITCHES	WITHOUT AUXILIARY SWITCHES	WITH TWO AUXILIARY SWITCHES
				VA7820-HGA-2	VA7820-HGC-2	VA7830-HGA-2	VA7830-HGC-2
TWO-WAY PUSH-DOWN-TO-CLOSE (NORMALLY OPEN) - NPT END CONNECTIONS							
VG7241CT	1/2	0.73	345	VG7241CT+72CHGA	VG7241CT+72CHGC		
VG7241ET	1/2	1.8	345	VG7241ET+72CHGA	VG7241ET+72CHGC		
VG7241GT	1/2	4.6	345	VG7241GT+72CHGA	VG7241GT+72CHGC		
VG7241LT	3/4	7.3	289	VG7241LT+72CHGA	VG7241LT+72CHGC		
VG7241NT	1	11.6	182	VG7241NT+72CHGA	VG7241NT+72CHGC		
VG7241PT	1-1/4	18.5	111	VG7241PT+72CHGA	VG7241PT+72CHGC		
VG7241RT	1-1/2	28.9	71	VG7241RT+72CHGA	VG7241RT+72CHGC		
VG7241ST	2	46.2	46	VG7241ST+72CHGA	VG7241ST+72CHGC		
TWO-WAY PUSH-DOWN-TO-OPEN (NORMALLY CLOSED) - NPT END CONNECTIONS							
VG7441CT	1/2	0.73	345	VG7441CT+72CHGA	VG7441CT+72CHGC		
VG7441ET	1/2	1.8	345	VG7441ET+72CHGA	VG7441ET+72CHGC		
VG7441GT	1/2	4.6	345	VG7441GT+72CHGA	VG7441GT+72CHGC		
VG7441LT	3/4	7.3	321	VG7441LT+72CHGA	VG7441LT+72CHGC		
VG7441NT	1	11.6	213	VG7441NT+72CHGA	VG7441NT+72CHGC		
VG7441PT	1-1/4	18.5	122	VG7441PT+72CHGA	VG7441PT+72CHGC		
VG7441RT	1-1/2	28.9	76	VG7441RT+72CHGA	VG7441RT+72CHGC		
VG7441ST	2	46.2	47	VG7441ST+72CHGA	VG7441ST+72CHGC		
THREE-WAY MIXING - NPT END CONNECTIONS							
VG7842CT	1/2	0.73	345/345	VG7842CT+72CHGA	VG7842CT+72CHGC	VG7842CT+74CHGA	VG7842CT+74CHGC
VG7842ET	1/2	1.8	345/345	VG7842ET+72CHGA	VG7842ET+72CHGC	VG7842ET+74CHGA	VG7842ET+74CHGC
VG7842GT	1/2	4.6	345/345	VG7842GT+72CHGA	VG7842GT+72CHGC	VG7842GT+74CHGA	VG7842GT+74CHGC
VG7842LT	3/4	7.3	289/321	VG7842LT+72CHGA	VG7842LT+72CHGC	VG7842LT+74CHGA	VG7842LT+74CHGC
VG7842NT	1	11.6	182/213	VG7842NT+72CHGA	VG7842NT+72CHGC	VG7842NT+74CHGA	VG7842NT+74CHGC
VG7842PT	1-1/4	18.5	111/122	VG7842PT+72CHGA	VG7842PT+72CHGC	VG7842PT+74CHGA	VG7842PT+74CHGC
VG7842RT	1-1/2	28.9	71/76	VG7842RT+72CHGA	VG7842RT+72CHGC	VG7842RT+74CHGA	VG7842RT+74CHGC
VG7842ST	2	46.2	46/47	VG7842ST+72CHGA	VG7842ST+72CHGC	VG7842ST+74CHGA	VG7842ST+74CHGC

VA7800 Series actuators are shipped set up for 0 to 10 VDC Proportional Control. The actuators can be changed in the field to on/off control, floating control or to a 4 to 20 mA proportional control signal by adjusting the DIP switch settings.