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

				FLOATING CONTROL	ON / OFF CONTROL	DC 0 TO 10 V PROPORTIONAL
VALVE	SIZE	Cv	CLOSEOFF	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

Johnson Controls

VG7000 Series Globe Valves



M9220 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 284°F (2 to 140°C)
- Steam pressure – 38 psig saturated steam
- 180lb force – provides high shut-off
- Voltage – 20 to 30 VAC, 50/60 Hz, 20 VA maximum

M9220 SERIES SPRING RETURN ELECTRIC ACTUATORS

VALVE	SIZE	Cv	CLOSEOFF	SPRING-RETURN STEM UP		SPRING RETURN STEM DOWN	
				M9220-AGA-3 ON/OFF (FLOATING)	M9220-GGA-3 (PROPORTIONAL)	M9220-AGA-3 ON/OFF (FLOATING)	M9220-GGA-3 (PROPORTIONAL)
TWO-WAY PUSH-DOWN-TO-CLOSE – NPT END CONNECTIONS – WITHOUT AUXILIARY SWITCHES							
VG7241CT	1/2	0.73	345	VG7241CT+92NAGA	VG7241CT+92NGGA	VG7241CT+94NAGA	VG7241CT+94NGGA
VG7241ET	1/2	1.8	345	VG7241ET+92NAGA	VG7241ET+92NGGA	VG7241ET+94NAGA	VG7241ET+94NGGA
VG7241GT	1/2	4.6	345	VG7241GT+92NAGA	VG7241GT+92NGGA	VG7241GT+94NAGA	VG7241GT+94NGGA
VG7241LT	3/4	7.3	289	VG7241LT+92NAGA	VG7241LT+92NGGA	VG7241LT+94NAGA	VG7241LT+94NGGA
VG7241NT	1	11.6	182	VG7241NT+92NAGA	VG7241NT+92NGGA	VG7241NT+94NAGA	VG7241NT+94NGGA
VG7241PT	1-1/4	18.5	111	VG7241PT+92NAGA	VG7241PT+92NGGA	VG7241PT+94NAGA	VG7241PT+94NGGA
VG7241RT	1-1/2	28.9	71	VG7241RT+92NAGA	VG7241RT+92NGGA	VG7241RT+94NAGA	VG7241RT+94NGGA
VG7241ST	2	46.2	46	VG7241ST+92NAGA	VG7241ST+92NGGA	VG7241ST+94NAGA	VG7241ST+94NGGA
THREE-WAY MIXING – NPT END CONNECTIONS – WITHOUT AUXILIARY SWITCHES							
VG7842CT	1/2	0.73	345/345	VG7842CT+92NAGA	VG7842CT+92NGGA	VG7842CT+94NAGA	VG7842CT+94NGGA
VG7842ET	1/2	1.8	345/345	VG7842ET+92NAGA	VG7842ET+92NGGA	VG7842ET+94NAGA	VG7842ET+94NGGA
VG7842GT	1/2	4.6	345/345	VG7842GT+92NAGA	VG7842GT+92NGGA	VG7842GT+94NAGA	VG7842GT+94NGGA
VG7842LT	3/4	7.3	289/321	VG7842LT+92NAGA	VG7842LT+92NGGA	VG7842LT+94NAGA	VG7842LT+94NGGA
VG7842NT	1	11.6	182/213	VG7842NT+92NAGA	VG7842NT+92NGGA	VG7842NT+94NAGA	VG7842NT+94NGGA
VG7842PT	1-1/4	18.5	111/122	VG7842PT+92NAGA	VG7842PT+92NGGA	VG7842PT+94NAGA	VG7842PT+94NGGA
VG7842RT	1-1/2	28.9	71/76	VG7842RT+92NAGA	VG7842RT+92NGGA	VG7842RT+94NAGA	VG7842RT+94NGGA
VG7842ST	2	46.2	46/47	VG7842ST+92NAGA	VG7842ST+92NGGA	VG7842ST+94NAGA	VG7842ST+94NGGA
TWO-WAY PUSH-DOWN-TO-CLOSE – NPT END CONNECTIONS – WITH TWO AUXILIARY SWITCHES							
VG7241CT	1/2	0.73	345	VG7241CT+92NAGC	VG7241CT+92NGGC	VG7241CT+94NAGC	VG7241CT+94NGGC
VG7241ET	1/2	1.8	345	VG7241ET+92NAGC	VG7241ET+92NGGC	VG7241ET+94NAGC	VG7241ET+94NGGC
VG7241GT	1/2	4.6	345	VG7241GT+92NAGC	VG7241GT+92NGGC	VG7241GT+94NAGC	VG7241GT+94NGGC
VG7241LT	3/4	7.3	289	VG7241LT+92NAGC	VG7241LT+92NGGC	VG7241LT+94NAGC	VG7241LT+94NGGC
VG7241NT	1	11.6	182	VG7241NT+92NAGC	VG7241NT+92NGGC	VG7241NT+94NAGC	VG7241NT+94NGGC
VG7241PT	1-1/4	18.5	111	VG7241PT+92NAGC	VG7241PT+92NGGC	VG7241PT+94NAGC	VG7241PT+94NGGC
VG7241RT	1-1/2	28.9	71	VG7241RT+92NAGC	VG7241RT+92NGGC	VG7241RT+94NAGC	VG7241RT+94NGGC
VG7241ST	2	46.2	46	VG7241ST+92NAGC	VG7241ST+92NGGC	VG7241ST+94NAGC	VG7241ST+94NGGC
THREE-WAY MIXING – NPT END CONNECTIONS – WITH TWO AUXILIARY SWITCHES							
VG7842CT	1/2	0.73	345/345	VG7842CT+92NAGC	VG7842CT+92NGGC	VG7842CT+94NAGC	VG7842CT+94NGGC
VG7842ET	1/2	1.8	345/345	VG7842ET+92NAGC	VG7842ET+92NGGC	VG7842ET+94NAGC	VG7842ET+94NGGC
VG7842GT	1/2	4.6	345/345	VG7842GT+92NAGC	VG7842GT+92NGGC	VG7842GT+94NAGC	VG7842GT+94NGGC
VG7842LT	3/4	7.3	289/321	VG7842LT+92NAGC	VG7842LT+92NGGC	VG7842LT+94NAGC	VG7842LT+94NGGC
VG7842NT	1	11.6	182/213	VG7842NT+92NAGC	VG7842NT+92NGGC	VG7842NT+94NAGC	VG7842NT+94NGGC
VG7842PT	1-1/4	18.5	111/122	VG7842PT+92NAGC	VG7842PT+92NGGC	VG7842PT+94NAGC	VG7842PT+94NGGC
VG7842RT	1-1/2	28.9	71/76	VG7842RT+92NAGC	VG7842RT+92NGGC	VG7842RT+94NAGC	VG7842RT+94NGGC
VG7842ST	2	46.2	46/47	VG7842ST+92NAGC	VG7842ST+92NGGC	VG7842ST+94NAGC	VG7842ST+94NGGC

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