



VG2000 Series Flanged Globe Valves



VA-3100 SERIES NON-SPRING RETURN

Valve

- Provides control of chilled water, hot water, 50% glycol solutions and 35 psig steam
- ASME125 flange – per ASME B16.1
- 175 psig static pressure rating 35 to 150°F fluid temperature; decreasing to 125 psig at 281°F fluid temperature
- ASME Class III closeoff rating
- 35 to 281°F (2 to 138°C) fluid temperature rating
- Cast iron body
- Packing EPT ring packs, field replaceable
- Stainless steel stem

Actuator

- Direct coupled, factory or field mounting
- 675 pounds closing/opening force provides high closeoff
- Force limit switches ensure tight close-off in all applications
- 24 VAC, 50/60 Hz, 18 VA maximum
- NEMA 3/3R rated enclosure – IP54
- Manual hand crank
- Ambient temperature rating 14 to 122°F (-10 to 50°C)

VA-3100 SERIES NON-SPRING RETURN VALVE ASSEMBLY

VALVE	SIZE IN.	Cv	CLOSEOFF PSIG	NON-SPRING RETURN		
				ON / OFF (FLOATING) WITHOUT TIMEOUT	FLOATING WITH 2 SWITCHES	0 TO 10 VDC PROPORTIONAL WITHOUT SWITCHES
				VA-3100-AGA (2-1/2") VA-3101-AGA (3&4") VA-3102-AGA (5&6")	VA-3100-AGC (2-1/2") VA-3101-AGC (3&4") VA-3102-AGC (5&6")	VA-3100-HGC 2-1/2") VA-3101-HGC (3&4") VA-3102-HGC (5&6")
				TWO-WAY PUSH-DOWN-TO-CLOSE		
VG2231TM	2-1/2"	51	115	VG2231TM+300AGA	VG2231TM+300AGC	VG2231TM+300HGC
VG2231UM	3"	83	79	VG2231UM+301AGA	VG2231UM+301AGC	VG2231UM+301HGC
VG2231VM	4"	150	45	VG2231VM+301AGA	VG2231VM+301AGC	VG2231VM+301HGC
VG2231WN	5"	240	29	VG2231WN+302AGA	VG2231WN+302AGC	VG2231WN+302HGC
VG2231YN	6"	350	20	VG2231YN+302AGA	VG2231YN+302AGC	VG2231YN+302HGC
				THREE-WAY MIXING		
VG2831TM	2-1/2"	54	69	VG2831TM+300AGA	VG2831TM+300AGC	VG2831TM+300HGC
VG2831UM	3"	80	48	VG2831UM+301AGA	VG2831UM+301AGC	VG2831UM+301HGC
VG2831VM	4"	157	27	VG2831VM+301AGA	VG2831VM+301AGC	VG2831VM+301HGC
VG2831WN	5"	238	17	VG2831WN+302AGA	VG2831WN+302AGC	VG2831WN+302HGC
VG2831YN	6"	347	12	VG2831YN+302AGA	VG2831YN+302AGC	VG2831YN+302HGC



VG2000 Series Flanged Globe Valves



VA-6100 SERIES NON-SPRING RETURN

Valve

- Provides control of chilled water, hot water, 50% glycol solutions and 35 psig steam
- ASME125 flange – per ASME B16.1
- 175 psig static pressure rating 35 to 150°F fluid temperature; decreasing to 125 psig at 281°F fluid temperature
- ASME Class III closeoff rating
- 35 to 281°F (2 to 138°C) fluid temperature rating
- Cast iron body
- Packing EPT ring packs, field replaceable
- Stainless steel stem

Actuator

- Direct coupled, factory or field mounting
- 1,350 pounds closing/opening force provides high closeoff
- Force limit switches ensure tight close-off in all applications
- 24 VAC, 50/60 Hz, 42 VA maximum
- NEMA 4 rated enclosure – IP65
- Manual hand crank
- Ambient temperature rating -4 to 140°F (-20 to 60°C)

VA-6100 SERIES NON-SPRING RETURN VALVE ASSEMBLY

VALVE	SIZE IN.	Cv	CLOSEOFF PSIG	NON-SPRING RETURN	
				FLOATING WITH FEEDBACK TWO SWITCHES	0-10 VDC PROPORTIONAL TWO SWITCHES
				VA-6102-AGC (4, 5 & 6")	VA-6102-HGC (4, 5 & 6")
				TWO-WAY PUSH-DOWN-TO-CLOSE	
VG2231VN	4"	150	89	VG2231VN+602AGC	VG2231VN+602HGC
VG2231WN	5'	240	57	VG2231WN+602AGC	VG2231WN+602HGC
VG2231YN	6"	350	40	VG2231YN+602AGC	VG2231YN+602HGC
				THREE-WAY MIXING	
VG2831VN	4"	157	54	VG2831VN+602AGC	VG2831VN+602HGC
VG2831WN	5'	238	34	VG2831WN+602AGC	VG2831WN+602HGC
VG2831YN	6"	347	24	VG2831YN+602AGC	VG2831YN+602HGC