



NOTES:

- 1) VALVE ASSEMBLED WITH NSF61 APPROVED LUBRICANT
- 2) IRON AND STEEL COMPONENTS COATED WITH AWWA C550 EPOXY

ITEM	DESCRIPTION	MATERIALS	TRIM
1	BODY	DUCTILE IRON ASTM A536 65-45-12	
		CAST IRON ASTM A126 CLASS B	
		STAINLESS ASTM A351 CF8	
		STAINLESS ASTM A351 CF8M	
		CARBON STEEL ASTM A216 WCB	
2	BODY RING	STAINLESS 304 ASTM A276	
		BRONZE ASTM B148	
3	GATE RING	STAINLESS 304 ASTM A276	
		BRONZE ASTM B148	
4	GATE	DUCTILE IRON ASTM A536 65-45-12	
		CAST IRON ASTM A126 CLASS B	
		STAINLESS ASTM A351 CF8	
		CARBON STEEL ASTM A216 WCB	
5	SHAFT	STAINLESS 304 ASTM A276	
		STAINLESS 316 ASTM A276	
		BRONZE ASTM B16	
6	STEM NUT	BRONZE ASTM B16	
7	EXTERIOR HARDWARE	STAINLESS ASTM F593 GROUP 1	
		STEEL ASTM A325 TYPE 1	
8	BODY SEAL	EPDM BUNA-N (NBR) VITON (FPM)	
9	UPPER BODY	SAME AS BODY (1)	
10	O-RINGS	EPDM	
		BUNA-N (NBR) VITON (FPM)	
11	BUSHINGS	NYLON	
		PTFE	
		BRONZE ASTM B16	
12	CAP SEAL	EPDM	
		BUNA-N (NBR) VITON (FPM)	
13	CAP	SAME AS BODY (1)	
14	DUST SEAL	EPDM	
		BUNA-N (NBR) VITON (FPM)	
15	OPERATOR	DUCTILE IRON ASTM A536 65-45-12	
		STAINLESS ASTM A351 CF8	

TEMPERATURE RESTRICTIONS

SEAT	MIN	MAX
EPDM	-40F	300F
NBR	-30F	250F
FPM	-10F	400F
PTFE	-100F	450F



VSI WATERWORKS
1155 ALPHA DR.
ALPHARETTA, GA

CROSS SECTION
PARTS AND MATERIAL LIST
2"-16" SERIES GVII
AWWA C500 GATE VALVE

UNITS: INCHES REV 2
SCALE: NTS 05-11-2015

DWG. NO. GVII-1022

REV.	DATE	BY	DESCRIPTION
2	05-11-15	TT	EDIT TRIM
1	10-25-13	CJK	APPLICABLE SIZES