



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	
2	DISC	CARBON STEEL ASTM A216 WCB	
		DUCTILE IRON ASTM A536 65-45-12	
		CAST IRON ASTM A126 CLASS B	
		STAINLESS ASTM A351 CF8	
3	SHAFT	STAINLESS ASTM A351 CF8M	
		CARBON STEEL ASTM A216 WCB	
		STAINLESS 304 ASTM A276	
		STAINLESS 316 ASTM A276	
4	SHAFT PIN	STAINLESS 17-4PH ASTM A693	
		STAINLESS 304 ASTM A276	
		STAINLESS 316 ASTM A276	
5	PACKING GLAND	STAINLESS 17-4PH ASTM A693	
		DUCTILE IRON ASTM A536 65-45-12	
		CAST IRON ASTM A126 CLASS B	
6	EXTERIOR HARDWARE	STAINLESS ASTM A351 CF8	
		BRONZE ASTM B584	
7	PACKING	STAINLESS ASTM F593 GROUP 1	
		STAINLESS ASTM F593 GROUP 2	
8	BEARING	STEEL ASTM A325 TYPE 1	
		EPDM	
9	SEATING SURFACE	BUNA-N (NBR)	
		REINFORCED PTFE	
10	SEAT	BRONZE ASTM B584	
		STAINLESS 304 ASTM A276	
11	SEAT RETAINER	STAINLESS 316 ASTM A276	
		STAINLESS 316 ASTM A276	
12	WETTED HARDWARE	BRONZE ASTM B584	
		STAINLESS ASTM F593 GROUP 1	
13	O-RING	STAINLESS ASTM F593 GROUP 2	
		SILICON BRONZE ASTM B18.2.1	
14	END CAP	EPDM	
		BUNA-N (NBR)	
		DUCTILE IRON ASTM A536 65-45-12	
		CAST IRON ASTM A126 CLASS B	

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

**TEMPERATURE RESTRICTIONS**

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



VSI WATERWORKS  
1155 ALPA DR.  
ALPHARETTA, GA

CROSS SECTION  
PARTS AND MATERIALS LIST  
4"-8" SERIES BFIII  
AWWA C504 BUTTERFLY VALVE

UNITS: INCHES      REV 2  
SCALE: NTS      06-10-2015

DWG. NO.      BFIII-1021

REV.	DATE	BY	DESCRIPTION
2	06-10-15	ZD	EDIT TRIM
1	05-21-14	TT	SEAT MAT. EDIT