



NO	NAME	MATERIAL
1	COVER	ASTM A536 65-45-12
2	EXTERIOR HARDWARE	ASTM F593 GROUP 1
3	COVER SEAL	EPDM
4	BODY	ASTM A536 65-45-12
5	PIN	ASTM A536 65-45-12
6	DISC ENCAPSULATION	NBR
7	DISC	ASTM A536 65-45-12
8	ACC. MOUNT PLATE	SS304
9	WETTED HARDWARE	ASTM F593 GROUP 2
10	PLUG	ASTM F593 GROUP 1
11	ADJUSTMENT GUARD	CARBON STEEL
12	ADJUSTMENT BOLT	ASTM F593 GROUP 2
13	O-RING	EPDM
14	ADJUSTMENT BUNG	SS304
15	SPRING CUP	SS304
16	SPRING	SS304
17	SPRING CUP	SS304
18	SPRING CUP PIN	ASTM B584

Design Specification
 Design confirm to AWWA C508
 Connections confirm to ASME B16.1
 Face to face confirm to ASME B16.10
 Pressure Rating: Class 150/Class 250

NPS	DIN	A	B	C	BOLT COUNT	BOLT HOLE	D
4	100	11.5	0.94	3.750	8	0.75	9.1
6	150	16.0	1.00	4.750	8	0.875	11.0
8	200	19.5	1.13	5.875	8	0.875	13.6
10	250	24.5	1.18	7.125	12	1	15.9
12	300	27.5	1.25	8.500	12	1	19.1
14	350	31.0	1.28	9.375	12	1.125	21.1
16	400	34.0	1.44	10.625	16	1.125	23.4
18	450	38.5	1.56	11.375	16	1.25	25.0
20	500	38.5	1.69	12.500	20	1.25	27.6
24	600	42.0	1.87	14.750	20	1.375	32.1

4" - 24" C508 Rubber Flapper Check Valve With Spring



DWG NO. B24RFSCV

