



NO	NAME	MATERIAL
1	BODY	ASTM A536 65-45-12
2	BODY SEAT RING	ASTM B62
3	DISC SEAT RING	ASTM B62
4	DISC	ASTM A536 65-45-12
5	WASHER	ASTM F593 GROUP 1 304
6	LOCKING NUT	ASTM F593 GROUP 1 304
7	ARM	ASTM A536 65-45-12
8	HINGE PIN	ASTM A276 304
9	PLUG	ASTM A276 304
10	PACKING	NBR
11	SEAL	GRAPHITE
12	BOLTS	ASTM F593 GROUP 1 304
13	NUTS	ASTM F593 GROUP 1 304
14	COVER	ASTM A536 65-45-12
15	GLAND	ASTM A536 65-45-12
16	LEVER	ASTM A536 65-45-12
17	WEIGHT	ASTM A536 65-45-12
18	OPENING CONTROL VALVE AND EXHAUST	BRONZE, COMPOSITE
19	AIR CUSHION CYLINDER	BRONZE
20	CLOSING CONTROL VALVE AND EXHAUST	BRONZE, COMPOSITE

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

SIZE	L	H	ØD	ØD1	b	Z	Ød
2	8.00	5.4	6.0	4.75	0.62	4	0.750
2.5	8.50	5.8	7.0	5.50	0.68		
3	9.50	6.3	7.5	6.00	0.75		
4	11.50	7.1	9.0	7.50	0.94	8	0.875
5	13.00	8.0	10.0	8.50	0.94		
6	14.00	8.8	11.0	9.50	1.00		
8	19.50	10.2	13.5	11.75	1.12	12	1.000
10	24.50	11.4	16.0	14.25	1.18		
12	27.50	12.8	19.0	17.00	1.25		
14	31.00	16.7	21.0	18.75	1.38	16	1.125
16	36.00	17.5	23.5	21.25	1.44		
18	38.00	18.9	25.0	22.75	1.56		
20	42.00	20.7	27.5	25.00	1.68	20	1.250
24	48.00	23.9	32.0	29.50	1.87		

2" - 24" C508 Metal Seat Swing Check Valve (FLxFL)



DWG NO. B24MSWACV

