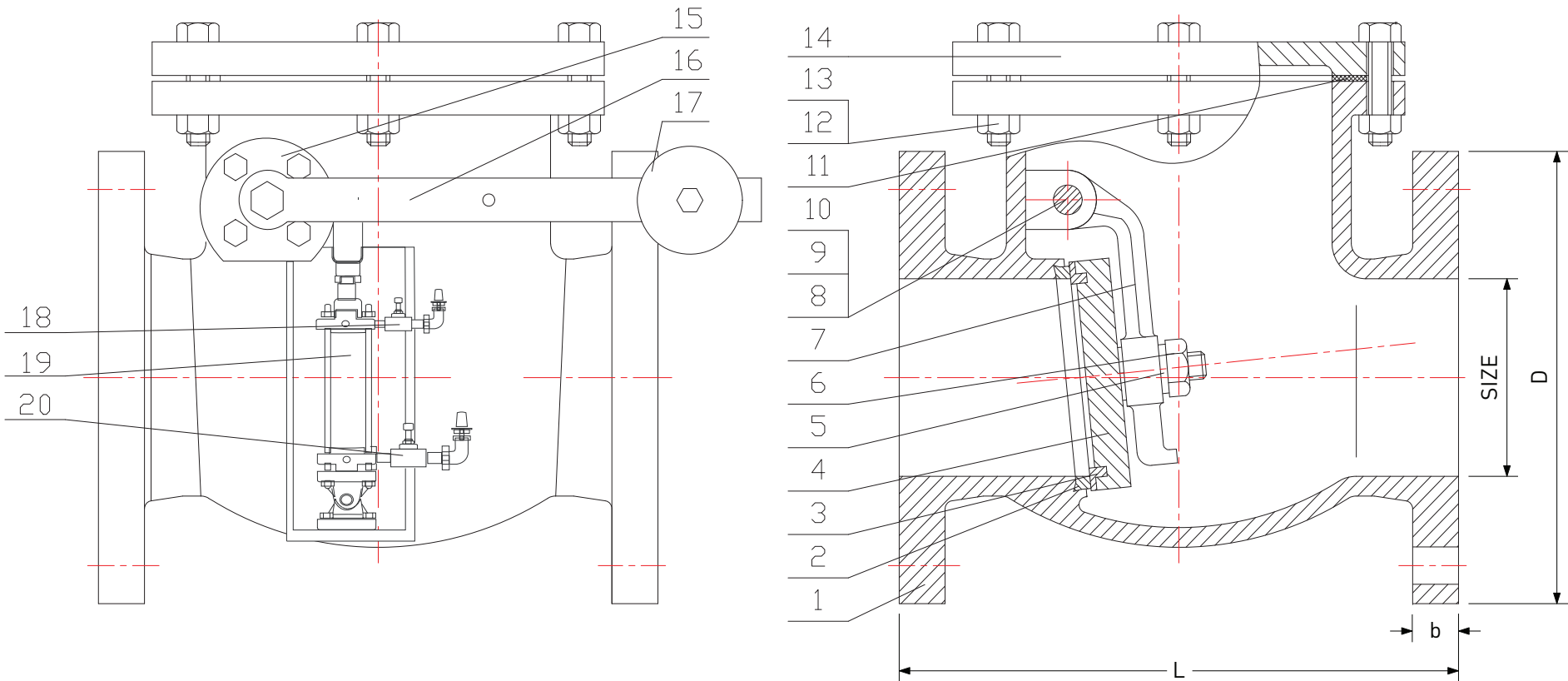


VALVE IS LEFT TURN (COUNTER-CLOCKWISE) TO OPEN				TECHNICAL SUMMARY			
DESIGN:	AWWA C504	CONNECTION:	ASME B16.1 CLASS 125	WORKING PRESSURE:	150 psi		
TESTING:	AWWA C504	FACE TO FACE:	ASME B16.10	MAX SEAT TEMP:	300° F		
INSIDE COATING:	AWWA C550	OUTSIDE COATING:	AWWA C550	COATINGS MEET AWWA C550			

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		



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	EPDM
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	ALUMINUM
20	CLOSING CONTROL VALVE AND EXHAUST	BRONZE, COMPOSITE

PROJECT				
TITLE AWWA C508 SWING CHECK VALVE METAL SEATED OUTSIDE LEVER AND WEIGHT				
DRAWING NUM. 508-2.24-DIDI-BRBR-OLWC-091912				
		SCALE	NTS	A3
		UNITS	INCHES	
		SHEET	1 OF 1	
		DO NOT SCALE		
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		DECIMAL		ANGULAR
		.X ± .1		± .25°
		.XX ± .01		
		.XXX ± .005		
	NAME	SIGNATURE	DATE	NOTE
DRAWN	JBH		9/12	
CHK'D	CJK		9/12	
REVISED				
Valve Solutions, Inc.				
1155 ALPHA DRIVE STE A ALPHARETTA, GA 30004 O:770.740.0800 F:770.740.8777				