



APPLICABLE STANDARD	
Design&Manufacture	<b>AWWA C508</b>
End Connection	ASME B16.1 CL125/ ASME B16.42 CL150
Face-to-Face and End-to-End Dimensions	<b>AWWA C508</b>
Working Temperature	32°F -176°F
Medium	Water

TESTING DETAILS	
DESCRIPTION	TEST PRESSURE
SHELL TEST	450PSI
SEAT TEST	300PSI

Part No.	Description	Material Specification
1	Valve Body	ASTM A536 65-45-12
2	Seat	ASTM B148 C95400
3	Disc	ASTM A536 65-45-12
4	Seal	EPDM ASTM D2000
5	Valve disc cover	ASTM A536 65-45-12
6	Spring gasket	Stainless Steel 304
7	Bolt	Stainless Steel 304
8	Stud	ASTM B148 C95400
9	Elastic cylindrical pin	Stainless Steel 304
10	Elastic cylindrical pin	Stainless Steel 304
11	Nut	ASTM B148 C95400
12	Copper gasket	ASTM B148 C95400
13	Flat key	Stainless Steel 304
14	Clapper Arm	ASTM A536 65-45-12
15	Bonnet Gasket	EPDM ASTM D2000
16	Bonnet	ASTM A536 65-45-12
17	Bolt	Stainless Steel 304
18	Bolt	Stainless Steel 304
19	Flat gasket	Stainless Steel 304
20	Counterweight block	ASTM A536 65-45-12
21	Arm	ASTM A216 WCB
22	Bolt	Stainless Steel 304
23	Nut	Stainless Steel 304
24	Nut	Stainless Steel 304
25	Bolt	Stainless Steel 304
26	Plug	ASTM B148 C95400
27	O-Ring	EPDM ASTM D2000
28	O-Ring	EPDM ASTM D2000
29	Spring clip	65Mn
30	Pin shaft copper sleeve	ASTM B148 C95400
31	Copper gasket	ASTM B148 C95400
32	Grooved copper gasket	ASTM B148 C95400
33	Hinge Pin	Stainless Steel 420

Item No.	Dimensions(Inch)						
	Size	D	D1	B	n-d	L	H
JMH44XW02	2"	6.00	4.75	0.62	4-0.750	8.00	5.71
JMH44XW025	2.5"	7.00	5.50	0.69	4-0.750	8.50	6.18
JMH44XW03	3"	7.50	6.00	0.75	4-0.750	9.50	6.81
JMH44XW04	4"	9.00	7.50	0.94	8-0.750	11.50	6.93
JMH44XW06	6"	11.00	9.50	1.00	8-0.875	14.00	9.37
JMH44XW08	8"	13.50	11.75	1.12	8-0.875	19.50	10.75
JMH44XW10	10"	16.00	14.25	1.19	12-1.000	24.50	12.95
JMH44XW12	12"	19.00	17.00	1.25	12-1.000	27.50	14.09
JMH44XW14	14"	21.00	18.75	1.38	12-1.125	31.00	18.50
JMH44XW16	16"	23.50	21.25	1.44	16-1.125	36.00	21.06

<b>AWWA C508 Swing Check Valve with Weight &amp;Lever</b>	DESCRIPTION	Proj.	JMH44XW-001
		DWG#	REV.
		JMH-001	0
	WN	APPR.	DATE
	CINDY	KUHN HU	3-7-2025