MW Series 2”- 12”

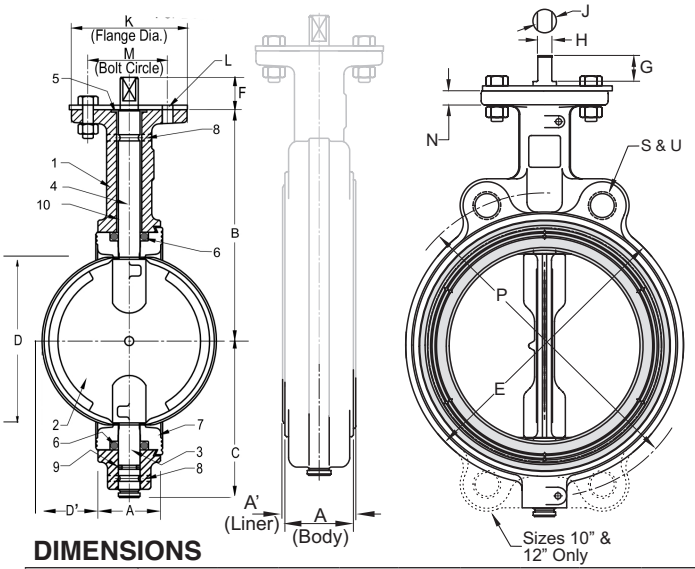
Iron Butterfly Valve
Wafer Style
200 psi Non-Shock WOG
Specifications: API-609 MSS SP-67 Type 1

ABS Type Approved; Cat. A
CFR-46

MATERIALS LIST

ITEM	PART	MATERIALS
1	BODY	CAST IRON ASTM A126 CL.B
		DUCTILE IRON ASTM A536
		DUCTILE IRON-EPOXY COATED
2	DISC	NP DUCTILE IRON ASTM A536
		ALUMINUM BRONZE ASTM B148
		STAINLESS STEEL TYPE 316
		NYLON COATED DUCTILE IRON
		EPOXY COATED DUCTILE IRON
3	BOTTOM STEM	STAINLESS STEEL TYPE 416
		STAINLESS STEEL TYPE 316 (2)
4	TOP STEM	STAINLESS STEEL TYPE 416
		STAINLESS STEEL TYPE 316 (2)
5	TOP BEARING	REINFORCED NYLON
6	SEAL	EPDM, BUNA, VITON (1)
7	LINER	BUNA
		EPDM
		VITON
		HYPALON
		NEOPRENE BLACK-FDA
		NEOPRENE WHITE-FDA
		TEFLON OVER BUNA (150# WOG)
8	ROLL PIN	STAINLESS STEEL
9	STEM SEAL	EPDM, BUNA, VITON (1)
10	LOWER BEARING	REINFORCED NYLON
11	OPERA-TOR	LEVER HANDLE
		EPOXY COATED LEVER HANDLE
		GEAR OPERATOR
		GEAR OPERATOR WITH MEMORY STOP
		GEAR OPERATOR WITH LOCK
		ACTUATOR-AIR/AIR
		ACTUATOR-AIR/SPRING
		ACTUATOR-ELECTRIC

(1) - VITON O-RINGS ARE USED WITH HYPALON, NEOPRENE, AND TEFLON LINERS.
(2) - 316 STEM USED WITH CF8M DISC.



DIMENSIONS

		VALVE SIZE								
	INCHES	2	2-1/2	3	4	5	6	8	10	12
	DN	50	65	80	100	125	150	200	250	300
A (Body)	INCHES	1.69	1.81	1.81	2.07	2.19	2.19	2.38	2.69	3.06
	mm	43	46	46	52	55	55	60	68	78
A[1] (Liner)	INCHES	1.82	1.94	1.94	2.20	2.32	2.32	2.51	2.82	3.21
	mm	46	49	49	55	58	58	63	71	82
B	INCHES	5.50	6.00	6.25	7.00	7.53	8.00	9.38	10.56	12.06
	mm	139	152	158	177	191	203	238	268	306
C	INCHES	3.06	3.31	3.75	4.25	4.94	5.56	5.56	7.88	9.25
	mm	77	84	95	108	125	141	166	200	235
D (Chord Dia)	INCHES	1.49	2.01	2.64	3.67	4.71	5.66	7.72	9.70	11.68
	mm	37	51	67	93	119	143	196	246	296
D[1] (Intrusion)	INCHES	0.28	0.44	0.69	1.06	1.50	1.94	2.84	3.69	4.50
	mm	7	11	17	27	38	49	72	93	114
E	INCHES	4.13	4.88	5.38	6.88	7.75	8.75	11.00	13.38	16.13
	mm	105	124	137	175	197	222	279	340	410
F	INCHES	1.13	1.13	1.13	1.13	1.13	1.13	1.50	1.50	1.50
	mm	28	28	28	28	28	28	38	38	38
G	INCHES	0.81	0.81	0.81	0.81	0.81	0.81	1.06	1.06	1.06
	mm	20	20	20	20	20	20	27	27	27
H	INCHES	0.35	0.35	0.35	0.40	0.40	0.44	0.53	0.71	0.71
	mm	8	8	8	10	10	11	13	18	18
J	INCHES	0.50	0.50	0.50	0.56	0.56	0.62	0.75	1.00	1.00
	mm	12	12	12	14	14	14	19	25	25
K		4	4	4	4	4	4	6	6	6
L (Dia)	INCHES	0.44	0.44	0.44	0.44	0.44	0.44	0.56	0.56	0.56
	mm	11	11	11	11	11	11	14	14	14
M	INCHES	3.25	3.25	3.25	3.25	3.25	3.25	5.00	5.00	5.00
	mm	82	82	82	82	82	82	127	127	127
N	INCHES	0.44	0.44	0.44	0.44	0.44	0.44	0.50	0.50	0.50
	mm	11	11	11	11	11	11	12	12	12
P	INCHES	4.75	5.50	6.00	7.50	8.50	9.50	11.75	14.25	17.00
	mm	120	139	152	190	215	241	298	362	431
R	Flange Bolt Size	5/8-11	5/8-11	5/8-11	5/8-11	3/4-10	3/4-10	3/4-10	7/8-9	7/8-9
S	No. of Holes	2	2	2	2	2	2	2	4	4
U (Hole Dia.)	INCHES	0.75	0.75	0.75	0.75	0.88	0.88	0.88	1.00	1.00
	mm	19	19	19	19	22	22	22	25	25

Note: The wetted surface of this product (In any material combination.) contacted by consumable water contains less than one quarter of one percent (.25%) of lead by weight.

The information presented on this sheet is correct at time of publication. Milwaukee Valve reserves the right to change design and/or materials without notice. For our Installation, Operation and Maintenance Manual and the most current product information go to www.milwaukeevalve.com.
⚠ State of California Prop 65 **WARNING:** Cancer and Reproductive Harm. For more information visit www.p65warnings.ca.gov.

M	L	2	3	4	V	A
VALVE SERIES	**BODY STYLE**	**OPERATOR**	**BODY MATERIAL**	**DISC MATERIAL**	**LINER MATERIAL**	**SPECIAL OPTIONS**
H - H SERIES (250 PSI) M - M SERIES O - O SERIES U - U SERIES (50 PSI)	L - LUG BODY W - WAFER BODY	1 - VALVE ONLY 2 - LEVER HANDLE 3 - GEAR OPERATOR 5 - GEAR W/MEMORY STOP 9 - GEAR WITH LOCK *PNEUMATIC AND ELECTRIC ACTUATION OPTIONS AVAILABLE	2 - CAST IRON* 3 - DUCTILE IRON *MILWAUKEE VALVE RESERVES THE RIGHT TO UPGRADE THE BODY WITHOUT NOTICE FOR NO ADDITIONAL COST.	2 - NICKEL PLATED DUCTILE IRON 3 - ALUMINUM/BRONZE 4 - CF8M(316) STAINLESS STEEL 7 - NYLON COATED DUCTILE IRON 8 - EPOXY COATED DUCTILE IRON	B - BUNA-N E - EPDM H - HYPALON NB - FDA BLACK NEOPRENE NW - FDA WHITE NEOPRENE T - TEFLON OVER BUNA (AVAILABLE W/SS DISC ONLY) V - VITON	S - 316 STEM W/AB OR NP DISC A - EPOXY COATED BODY AD - ASSEMBLE DRY

Rev 11/4/2021