

BUTTERFLY VALVE

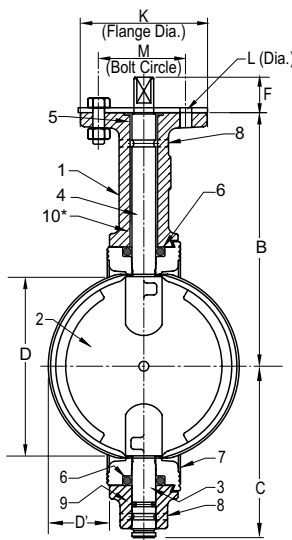
2"-12" - 200 PSI (1380 kPa)

ML SERIES

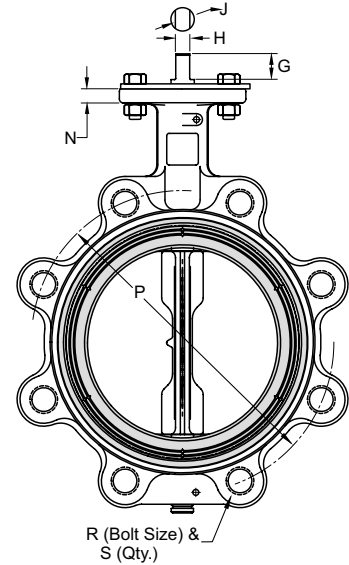
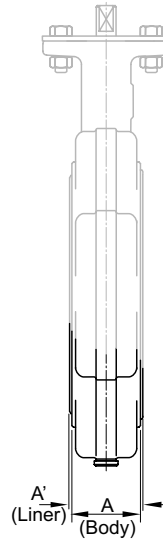
Specifications: API-609
MSS SP-67

Approved by U.S. Coast Guard
for use in Category A service as
described in Title 46 Code of
Federal Regulations 46.20-15.

U Series with undercut disc
available @ 50 psi, please
consult factory.



Dead End
Service to
150 psi



ITEM	PARTS NAME	MATERIAL
1	BODY	CAST IRON-ASTM A126 CL B
		CAST IRON-EPOXY COATED
		CAST IRON-NYLON COATED
		DUCTILE IRON-ASTM A536
		DUCTILE IRON-EPOXY COATED
		DUCTILE IRON-NYLON COATED
2	DISC	NP DUCTILE IRON-ASTM A536
		ALUMINUM BRONZE-ASTM B148
		STAINLESS STEEL-TYPE 316
		NYLON COATED DUCTILE IRON
3	BOTTOM STEM	EPOXY COATED DUCTILE IRON
		STAINLESS STEEL TYPE 416
4	TOP STEM	STAINLESS STEEL TYPE 316
		STAINLESS STEEL TYPE 416
5	TOP BEARING	THERMOSET POLYMER
6	SEAL	EPDM, BUNA, VITON(1)
7	LINER	BUNA
		EPDM
		VITON
		VITON-GFLT
		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	
		THERMOSET POLYMER
11	OPERATOR	LEVER HANDLE
		EPOXY COATED LEVER
		GEAR OPERATOR
		GEAR OP W/ MEMORY STOP
		GEAR OP W/ LOCK
		ACTUATOR-AIR/AIR
		ACTUATOR-AIR/SPRING
		ACTUATOR-ELECTRIC

DIMENSIONS

	INCHES	2	2-1/2	3	4	5	6	8	10	12
	mm	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	42.9	46.1	46.0	52.5	55.6	55.6	60.3	68.3	78.0
A' (Liner)	INCHES	1.82	1.94	1.94	2.20	2.32	2.31	2.51	2.82	3.21
	mm	46.1	49.1	49.1	55.8	58.8	58.7	63.6	71.5	82.0
B	INCHES	5.50	6.00	6.25	7.00	7.53	8.00	9.38	10.19	12.06
	mm	139.7	152.4	158.8	177.8	191.3	203.2	238.1	258.8	306.4
C	INCHES	3.06	3.31	3.75	4.25	4.94	5.56	6.56	7.88	9.25
	mm	77.8	84.1	95.3	108.0	125.4	141.3	166.7	200.0	235.0
D (Chord Dia)	INCHES	1.49	2.01	2.64	3.67	4.71	5.66	7.72	9.70	11.68
	mm	37.8	51.1	67.1	93.2	119.6	143.8	196.1	246.4	296.7
D' (Intrusion)	INCHES	0.28	0.44	0.69	1.06	1.50	1.94	2.84	3.69	4.50
	mm	7.1	11.1	17.5	27.0	38.1	49.2	72.2	93.7	114.3
F	INCHES	1.13	1.13	1.13	1.13	1.13	1.13	1.50	1.50	1.50
	mm	28.6	28.6	28.6	28.6	28.6	28.6	38.1	38.1	38.1
G	INCHES	0.81	0.81	0.81	0.81	0.81	0.81	1.06	1.06	1.06
	mm	20.6	20.6	20.6	20.6	20.6	20.6	27.0	27.0	27.0
H	INCHES	0.35	0.35	0.35	0.40	0.40	0.44	0.53	0.71	0.71
	mm	8.9	8.9	8.9	10.2	10.2	11.2	13.5	18.0	18.0
J	INCHES	0.50	0.50	0.50	0.56	0.56	0.62	0.75	1.00	1.00
	mm	12.6	12.6	12.6	14.2	14.2	15.8	19.0	25.4	25.4
K	INCHES	4	4	4	4	4	4	6	6	6
	mm	101.6	101.6	101.6	101.6	101.6	101.6	152.4	152.4	152.4
L (Dia)	INCHES	0.44	0.44	0.44	0.44	0.44	0.44	0.56	0.56	0.56
	mm	11.1	11.1	11.1	11.1	11.1	11.1	14.3	14.3	14.3
M	INCHES	3.25	3.25	3.25	3.25	3.25	3.25	5.00	5.00	5.00
	mm	82.6	82.6	82.6	82.6	82.6	82.6	127.0	127.0	127.0
N	INCHES	0.44	0.44	0.44	0.44	0.44	0.44	0.50	0.50	0.50
	mm	11.1	11.1	11.1	11.1	11.1	11.1	12.7	12.7	12.7
P	INCHES	4.75	5.50	6.00	7.50	8.50	9.50	11.75	14.25	17.00
	mm	120.7	139.7	152.4	190.5	215.9	241.3	298.5	362.0	431.8
R	INCHES	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
	mm	15.875	15.875	15.875	15.875	19.05	19.05	19.05	24.125	24.125
S	INCHES	4	4	4	8	8	8	8	12	12
	mm	101.6	101.6	101.6	203.2	203.2	203.2	203.2	304.8	304.8

ML_092600_MAT.XLS

bflydimL0.xls Rev. 2

(1) VITON O-RINGS ARE USED WITH HYPALON, NEOPRENE, AND TEFLON LINERS.

The information presented on this sheet is correct at the time of publication. Milwaukee Valve reserves the right to change design, and/or material specifications without notice. For the most current information access www.milwaukeevalve.com

