



# Commercial and Industrial Butterfly Valve Price List

# BFV-1017

Effective: October 2, 2017  
Supersedes: BFV-0217

*Suggested list prices are subject to change without notification. Visit our Website for the most up-to-date product information.*

Milwaukee Valve Butterfly Part Number Configurator						
<u>M</u>	<u>L</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>E</u>	<u>-A</u>
Valve Series	Body Style	Operator Type	Body Material	Disc Material	Liner Material	Special Options
C <sup>1</sup>	L - Lug	1 - Bare Stem	2 - Cast Iron	2 - Nickel Plated Ductile Iron	B - Buna-N	A - Epoxy Coated Body <sup>6</sup>
H <sup>2</sup>	W - Wafer	2 - Lever Handle	3 - Ductile Iron	3 - Aluminum Bronze	E - EPDM	AD - Assemble Dry
M <sup>3</sup>		3 - Gear Operator		4 - CF8M (316) Stainless Steel <sup>5</sup>	H - Hypalon	S - 316 Stainless Stem (optional 316 grade stainless stem material for Nickel Plated Ductile or Aluminum Bronze Discs)
O		5 - Gear Op. w/Mem. Stop		7 - Nylon Coated Ductile Iron	NB - FDA Black Neoprene	
U <sup>4</sup>		9 - Gear Op. w/Lockout		8 - Epoxy Coated Ductile Iron	NW - FDA White Neoprene	
		N - Buried Service Gear w/2" Square Operator Nut		9 - Nylon Coated Aluminum Bronze	T - Teflon over Buna	
					V - Viton	

**NOTES BELOW HIGHLIGHT IMPORTANT POINTS. ALWAYS REFER TO VALVE SPEC SHEETS FOR COMPLETE VALVE SPECIFICATION DETAILS!**

<sup>1</sup>C-Series only available with cast iron body, aluminum bronze disc and EPDM liner with either lever handle or gear operator.

<sup>2</sup>H-Series higher pressure tested for 250 psi for sizes 2" - 12" and 200 psi for sizes 14" - 24"; uni-directional dead end service to 200 psi max. Requires ductile iron body material.

<sup>3</sup>M-Series are bi-directional dead end rated to 200 psi max when ordered with Buna-N or EPDM liners only. All other available liner materials are uni-directional dead end rated.

<sup>4</sup>U-Series has under cut disc for low pressure applications (50 psi max) uni-directional dead end service.

<sup>5</sup>When ordering 316 stainless steel disc material, the stem material upgrades to 316 stainless steel in lieu of 416 grade stainless steel.

<sup>6</sup>When ordering optional epoxy coated bodies, valves are uni-directional dead end service only.

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Visit our website for complete product details, information and terms and conditions of sale.

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**"BUTTERBALL" BUTTERFLY VALVES**  
**AGA/UL/FM, MEETS FEDERAL SPEC WW-V-1967**  
 BB2-100 (THREADED) / BB2-350 (SOLDER)  
 BB1-10A0 ACTUATOR MOUNTING PADS  
 175 PSI RATED

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
<b>BB2-100</b> THREADED, VITON SEAL BOX QTY / WEIGHT (LBS)	\$ 28.45 36 / 17	\$ 28.45 36 / 17	\$ 28.45 36 / 17	\$ 43.06 36 / 22	\$ 54.71 24 / 18	\$ 87.54 24 / 18	\$ 109.46 12 / 18	\$ 132.07 6 / 18
<b>BB2-350</b> SOLDER, VITON SEAL BOX QTY/WEIGHT (LBS)		\$ 28.45 36 / 17	\$ 29.94 36 / 18	\$ 48.42 36 / 23	\$ 59.09 24 / 24	\$ 95.30 12 / 19	\$ 123.02 12 / 24	\$ 153.84 6 / 22
<b>BB1-10A0</b> THREADED, EPDM SEAL W/ACTUATOR MNTG. PAD WEIGHT EACH (LBS)					\$ 181.39 1	\$ 204.29 1.25	\$ 223.57 1.75	\$ 247.36 3.3

**"BUTTERBALL" OPTIONS & ACCESSORIES**  
**LIST PRICE ADDERS**

\*(FINISHED PART NO. WITH ACCESSORY MOUNTED)

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
<b>BB2FS100*</b> <b>BB2FS350*</b> W/CALIBRATED MEM.STOP HANDLE	\$ 18.55 BB2FSULKF-940	\$ 18.55 BB2FSULKF-940	\$ 18.55 BB2FSULKF-940	\$ 18.55 BB2FSULKF-940	\$ 18.55 BB2FSULKF-940	\$ 23.07 BB2FSULKJ-940	\$ 23.07 BB2FSULKJ-940	\$ 23.07 BB2FSULKJ-940
<b>BB2-102*</b> <b>BB2-352*</b> MEMORY STOP	\$ 4.67 5637-F-610	\$ 4.67 5637-F-610	\$ 4.67 5637-F-610	\$ 4.67 5637-F-610	\$ 4.67 5637-F-610	\$ 5.40 5637-G-610	\$ 5.40 5637-G-610	\$ 5.40 5637-G-610
<b>BB2-103*</b> <b>BB2-353*</b> 1-1/4" EXT STEM	\$ 14.16 8619-F-940	\$ 14.16 8619-F-940	\$ 14.16 8619-F-940	\$ 14.16 8619-F-940	\$ 14.16 8619-F-940	\$ 16.18 8619-G-940	\$ 16.18 8619-G-940	\$ 16.18 8619-G-940
<b>BB2-104*</b> <b>BB2-354*</b> 2-1/4" EXT STEM	\$ 17.66 8620-F-940	\$ 17.66 8620-F-940	\$ 17.66 8620-F-940	\$ 17.66 8620-F-940	\$ 17.66 8620-F-940	\$ 23.79 8620-G-940	\$ 23.79 8620-G-940	\$ 23.79 8620-G-940
<b>BB2-100R*</b> <b>BB2-350R*</b> OVAL HANDLE	\$ 16.18 84648-F-940	\$ 16.18 84648-F-940	\$ 16.18 84648-F-940	\$ 16.18 84648-F-940	\$ 16.18 84648-F-940	\$ 24.67 84648-J-940	\$ 24.67 84648-J-940	\$ 24.67 84648-J-940

**C-SERIES BUTTERFLY VALVES**  
**CAST IRON BODY, ALUMINUM BRONZE DISC & EPDM LINER**  
**2" - 12" RATED 200 PSI, 14" AND LARGER 150 PSI**  
C SERIES VALVES ARE APPROVED BY THE U.S. COAST GUARD FOR USE IN CATEGORY A SERVICE AS DESCRIBED IN TITLE 46 CODE OF FEDERAL REGULATIONS 56.20-15 2" -12"

	<b>CW SERIES - WAFER PATTERN</b> CAST IRON BODY, ALUMINUM BRONZE DISC, EPDM LINER		<b>CL SERIES - LUG PATTERN</b> CAST IRON BODY, ALUMINUM BRONZE DISC, EPDM LINER	
<b>MODEL</b>	<b>CW223E</b>	<b>CW323E</b>	<b>CL223E</b>	<b>CL323E</b>
<b>SIZE</b>	LEVER HANDLE	GEAR OPERATED	LEVER HANDLE	GEAR OPERATED
2"	263.42	548.59	275.71	556.42
2 1/2"	263.42	548.59	275.71	556.42
3"	273.29	556.42	295.43	575.91
4"	342.22	646.20	391.45	679.39
5"	497.32	780.91	583.51	862.89
6"	588.38	873.97	632.73	918.33
8"	886.31	1,228.49	950.33	1,290.06
10"	1,181.76	1,516.54	1,280.21	1,615.03
12"	1,782.43	2,114.79	1,880.94	2,213.30
14"		3,204.19		3,227.60
16"		4,701.05		4,724.45
18"		5,823.71		5,847.09
20"		7,367.34		7,437.51
24"		11,436.93		13,331.39

**PLEASE NOTE:**

C-SERIES Butterfly Valves are only available with cast iron bodies, aluminum bronze disc, EPDM liner in either lever or gear operated. Please refer to the M-Series butterfly for additional available body, disc and liner materials.

**ML SERIES BUTTERFLY VALVES**  
**CAST & DUCTILE IRON BODY, NICKEL PLATED DUCTILE IRON DISC, EPDM OR BUNA LINER<sup>1</sup>**  
**2" - 12" RATED 200 PSI, 14" AND LARGER RATED 150 PSI**

M AND H SERIES VALVES ARE APPROVED BY THE U.S. COAST GUARD FOR USE IN CATEGORY A SERVICE AS DESCRIBED IN TITLE 46 CODE OF FEDERAL REGULATIONS 56.20-15 2" - 12".

	<b>ML SERIES</b> LUG PATTERN CAST IRON BODY, NICKEL PLATED DUCTILE IRON DISC, EPDM OR BUNA LINER			<b>ML SERIES<sup>2</sup></b> LUG PATTERN DUCTILE IRON BODY, NICKEL PLATED DUCTILE IRON DISC, EPDM OR BUNA LINER		
<b>MODEL</b>	<b>ML122E(B)</b>	<b>ML222E(B)</b>	<b>ML322E(B)</b>	<b>ML132E(B)</b>	<b>ML232E(B)</b>	<b>ML332E(B)</b>
<b>SIZE</b>	<b>BARE STEM</b>	<b>LEVER HANDLE</b>	<b>GEAR OPERATED</b>	<b>BARE STEM</b>	<b>LEVER HANDLE</b>	<b>GEAR OPERATED</b>
2"	248.64	292.94	593.32	278.20	322.50	622.87
2 1/2"	248.64	292.94	593.32	278.20	322.50	622.87
3"	275.71	320.05	620.39	317.58	361.90	662.21
4"	339.74	406.23	711.48	391.45	455.49	760.73
5"	489.93	553.94	859.21	549.02	613.01	918.33
6"	590.90	657.33	960.18	664.72	731.19	1,034.00
8"	812.44	898.62	1,258.05	891.25	977.41	1,336.86
10"	1,159.59	1,250.68	1,602.73	1,262.98	1,354.07	1,708.60
12"	1,541.18	1,634.73	1,986.78	1,674.13	1,767.63	2,119.72
14"	2,233.58		2,572.72	2,261.66		2,652.26
16"	3,169.14		3,812.30	3,241.62		3,943.29
18"	3,964.31		4,794.63	4,064.87		4,867.11
20"	5,145.47		6,057.58	5,276.41		6,109.06
24"	8,653.72		10,180.99	8,789.34		10,791.42
30"	15,876.05		17,251.27	20,581.78		23,388.41
36"	22,335.92		24,419.84	25,727.24		28,066.10
42"	26,662.79		28,915.09	30,404.90		32,509.86
48"	35,082.58		38,817.73	39,760.29		42,333.01

<sup>1</sup>BUNA and EPDM liners share the same list price. For optional liner and disc materials, please refer to pages 11 & 12.

<sup>2</sup>H Series (high pressure testing) is available for ductile iron body valves only, please refer to page 11 for the H-Series testing list price adder.

**ML SERIES BUTTERFLY VALVES**  
**CAST & DUCTILE IRON BODY, ALUMINUM BRONZE DISC, EPDM OR BUNA LINER<sup>1</sup>**  
**2" - 12" RATED 200 PSI, 14" AND LARGER RATED 150 PSI**  
M AND H SERIES VALVES ARE APPROVED BY THE U.S. COAST GUARD FOR USE IN CATEGORY A SERVICE AS DESCRIBED IN TITLE 46 CODE OF FEDERAL REGULATIONS 56.20-15 2" - 12"

	<b>ML SERIES</b> LUG PATTERN CAST IRON BODY, ALUMINUM BRONZE DISC, EPDM OR BUNA LINER			<b>ML SERIES<sup>2</sup></b> LUG PATTERN DUCTILE IRON BODY, ALUMINUM BRONZE DISC, EPDM OR BUNA LINER		
<b>MODEL</b>	<b>ML123E(B)</b>	<b>ML223E(B)</b>	<b>ML323E(B)</b>	<b>ML133E(B)</b>	<b>ML233E(B)</b>	<b>ML333E(B)</b>
<b>SIZE</b>	BARE STEM	LEVER HANDLE	GEAR OPERATED	BARE STEM	LEVER HANDLE	GEAR OPERATED
2"	273.29	317.58	615.49	302.80	347.12	647.46
2 1/2"	273.29	317.58	615.49	302.80	347.12	647.46
3"	295.43	339.74	640.10	337.28	381.59	681.94
4"	386.53	450.56	755.81	435.78	502.24	807.52
5"	590.90	654.85	960.18	649.92	713.97	1,019.23
6"	664.72	731.19	1,034.00	738.55	807.52	1,107.88
8"	987.25	1,073.43	1,432.85	1,068.48	1,152.18	1,514.11
10"	1,319.59	1,410.65	1,765.21	1,423.02	1,514.11	1,868.62
12"	1,986.78	2,077.90	2,429.95	2,119.72	2,210.82	2,565.33
14"	2,806.63		3,227.60	2,858.05		3,246.27
16"	3,859.09		4,724.45	3,943.29		4,745.52
18"	5,098.65		5,847.09	5,126.72		5,928.96
20"	6,607.24		7,437.51	6,637.63		7,472.59
24"	11,436.93		13,331.39	11,479.01		13,481.10
30"	20,593.47		22,784.98	26,896.65		29,235.49
36"	32,451.40		34,530.64	37,889.23		40,143.84
42"	45,958.22		48,163.72	50,051.17		52,390.01
48"	62,213.13		64,381.25	66,656.93		69,229.65

<sup>1</sup>BUNA and EPDM liners share the same list price. For optional liner and disc materials, please refer to pages 11 & 12.

<sup>2</sup>H Series (high pressure testing) is available for ductile iron body valves only, please refer to page 11 for the H-Series testing list price adder.

**ML SERIES BUTTERFLY VALVES**  
**CAST & DUCTILE IRON BODY, STAINLESS STEEL DISC, EPDM OR BUNA LINER<sup>1</sup>**  
**2" - 12" RATED 200 PSI, 14" AND LARGER RATED 150 PSI**  
M AND H SERIES VALVES ARE APPROVED BY THE U.S. COAST GUARD FOR USE IN CATEGORY A SERVICE AS DESCRIBED IN TITLE 46 CODE OF FEDERAL REGULATIONS 56.20-15 2" - 12"

MODEL	ML SERIES LUG PATTERN CAST IRON BODY, STAINLESS STEEL DISC, EPDM OR BUNA LINER			ML SERIES <sup>2</sup> LUG PATTERN DUCTILE IRON BODY, STAINLESS STEEL DISC, EPDM OR BUNA LINER		
	ML124E(B)	ML224E(B)	ML324E(B)	ML134E(B)	ML234E(B)	ML334E(B)
SIZE	BARE STEM	LEVER HANDLE	GEAR OPERATED	BARE STEM	LEVER HANDLE	GEAR OPERATED
2"	379.14	408.70	709.04	393.90	438.23	738.55
2 1/2"	379.14	408.70	709.04	393.90	438.23	738.55
3"	448.06	492.38	792.74	489.93	534.25	832.13
4"	561.30	625.33	930.63	610.57	677.02	982.34
5"	792.74	856.75	1,162.06	851.81	915.84	1,221.13
6"	876.46	945.40	1,248.21	952.79	1,019.23	1,322.07
8"	1,395.90	1,482.10	1,841.55	1,477.15	1,563.31	1,920.29
10"	2,304.36	2,395.48	2,747.52	2,407.77	2,498.88	2,850.92
12"	3,136.51	3,227.60	3,582.11	3,269.45	3,363.01	3,715.05
14"	3,625.19		3,742.15	3,452.13		3,842.72
16"	5,145.47		5,379.32	4,689.35		5,491.61
18"	6,782.65		6,946.34	6,293.81		7,096.03
20"	9,764.64		9,940.06	8,550.78		10,061.69
24"	15,179.06		15,319.41	13,450.69		15,448.02
30"	25,182.29		27,261.52	29,235.49		32,042.10
36"	39,236.38		41,313.24	42,099.11		44,437.97
42"	50,518.96		52,829.71	53,793.32		55,898.27
48"	65,487.49		68,151.46	69,580.47		71,100.76

<sup>1</sup>BUNA and EPDM liners share the same list price. For optional liner and disc materials, please refer to pages 11 & 12.

<sup>2</sup>H Series (high pressure testing) is available for ductile iron body valves only, please refer to page 11 for the H-Series testing list price adder.

**MW SERIES BUTTERFLY VALVES**  
**CAST & DUCTILE IRON BODY, NICKEL PLATED DUCTILE IRON DISC, EPDM OR BUNA LINER<sup>1</sup>**  
**2" - 12" RATED 200 PSI, 14" AND LARGER RATED 150 PSI**  
M AND H SERIES VALVES ARE APPROVED BY THE U.S. COAST GUARD FOR USE IN CATEGORY A SERVICE AS DESCRIBED IN TITLE 46 CODE OF FEDERAL REGULATIONS 56.20-15 2" - 12"

<b>MW SERIES</b> WAFFER PATTERN CAST IRON BODY, NICKEL PLATED DUCTILE DISC, EPDM OR BUNA LINER				<b>MW SERIES<sup>2</sup></b> WAFFER PATTERN DUCTILE IRON BODY, NICKEL PLATED DUCTILE DISC, EPDM OR BUNA LINER		
<b>MODEL</b>	<b>MW122E(B)</b>	<b>MW222E(B)</b>	<b>MW322E(B)</b>	<b>MW132E(B)</b>	<b>MW232E(B)</b>	<b>MW332E(B)</b>
<b>SIZE</b>	<b>BARE STEM</b>	<b>LEVER HANDLE</b>	<b>GEAR OPERATED</b>	<b>BARE STEM</b>	<b>LEVER HANDLE</b>	<b>GEAR OPERATED</b>
2"	228.97	273.29	571.17	275.71	320.05	620.39
2 1/2"	228.97	273.29	571.17	275.71	320.05	620.39
3"	248.64	292.94	593.32	315.13	359.45	657.33
4"	305.27	371.76	677.02	388.97	452.98	758.29
5"	425.91	492.38	797.68	541.64	608.09	913.38
6"	541.64	610.57	913.38	657.33	726.27	1,029.06
8"	745.98	832.13	1,191.59	881.38	967.55	1,324.53
10"	1,075.85	1,166.95	1,521.48	1,250.68	1,344.24	1,696.30
12"	1,452.53	1,543.60	1,898.17	1,664.30	1,755.34	2,107.42
14"	2,163.41		2,455.77			
16"	3,040.48		3,742.15			
18"	3,859.09		4,677.68			
20"	5,028.51		5,964.05			
24"	8,115.78		9,544.81			

<sup>1</sup>BUNA and EPDM liners share the same list price. For optional liner and disc materials, please refer to pages 11 & 12.

<sup>2</sup>H Series (high pressure testing) is available for ductile iron body valves only, please refer to page 11 for the H-Series testing list price adder.

**MW SERIES BUTTERFLY VALVES**  
**CAST & DUCTILE IRON BODY, ALUMINUM BRONZE DISC, EPDM OR BUNA LINER<sup>1</sup>**  
**2" - 12" RATED 200 PSI, 14" AND LARGER RATED 150 PSI**  
M AND H SERIES VALVES ARE APPROVED BY THE U.S. COAST GUARD FOR USE IN CATEGORY A SERVICE AS DESCRIBED IN TITLE 46 CODE OF FEDERAL REGULATIONS 56.20-15 2" - 12"

	<b>MW SERIES</b> WAFER PATTERN CAST IRON BODY, ALUMINUM BRONZE DISC, EPDM OR BUNA LINER			<b>MW SERIES<sup>2</sup></b> WAFER PATTERN DUCTILE IRON BODY, ALUMINUM BRONZE DISC, EPDM OR BUNA LINER		
<b>MODEL</b>	<b>MW123E(B)</b>	<b>MW223E(B)</b>	<b>MW323E(B)</b>	<b>MW133E(B)</b>	<b>MW233E(B)</b>	<b>MW333E(B)</b>
<b>SIZE</b>	BARE STEM	LEVER HANDLE	GEAR OPERATED	BARE STEM	LEVER HANDLE	GEAR OPERATED
2"	246.20	290.49	610.57	300.36	344.68	642.56
2 1/2"	246.20	290.49	610.57	300.36	344.68	642.56
3"	273.29	315.13	617.96	334.82	379.14	679.48
4"	347.12	411.11	718.89	433.33	497.32	802.58
5"	497.32	561.30	869.07	642.56	706.56	1,014.33
6"	610.57	679.48	982.34	733.64	800.16	1,102.93
8"	908.45	994.61	1,356.52	1,053.68	1,139.88	1,504.24
10"	1,228.49	1,319.59	1,671.67	1,413.14	1,504.24	1,856.27
12"	1,972.01	1,964.62	2,319.11	2,107.42	2,200.94	2,553.04
14"	2,748.15		3,204.21			
16"	3,800.60		4,701.05			
18"	5,028.51		5,823.71			
20"	6,548.73		7,367.34			
24"	9,986.83		11,436.93			

<sup>1</sup>BUNA and EPDM liners share the same list price. For optional liner and disc materials, please refer to pages 11 & 12.

<sup>2</sup>H Series (high pressure testing) is available for ductile iron body valves only, please refer to page 11 for the H-Series testing list price adder.



**MW SERIES BUTTERFLY VALVES**  
**CAST & DUCTILE IRON BODY, STAINLESS STEEL DISC, EPDM OR BUNA LINER<sup>1</sup>**  
**2" - 12" RATED 200 PSI, 14" AND LARGER RATED 150 PSI**  
M AND H SERIES VALVES ARE APPROVED BY THE U.S. COAST GUARD FOR USE IN CATEGORY A SERVICE AS DESCRIBED IN TITLE 46 CODE OF FEDERAL REGULATIONS 56.20-15 2" - 12"

<b>MW SERIES</b> WAFER PATTERN CAST IRON BODY, STAINLESS STEEL DISC, EPDM OR BUNA LINER				<b>MW SERIES<sup>2</sup></b> WAFER PATTERN DUCTILE IRON BODY, STAINLESS STEEL DISC, EPDM OR BUNA LINER		
<b>MODEL</b>	<b>MW124E(B)</b>	<b>MW224E(B)</b>	<b>MW324E(B)</b>	<b>MW134E(B)</b>	<b>MW234E(B)</b>	<b>MW334E(B)</b>
<b>SIZE</b>	<b>BARE STEM</b>	<b>LEVER HANDLE</b>	<b>GEAR OPERATED</b>	<b>BARE STEM</b>	<b>LEVER HANDLE</b>	<b>GEAR OPERATED</b>
2"	334.82	379.14	679.48	391.45	435.78	736.13
2 1/2"	334.82	379.14	679.48	391.45	435.78	736.13
3"	418.53	462.85	760.73	485.03	531.79	829.69
4"	517.03	581.00	886.31	608.09	672.10	977.41
5"	706.56	770.57	1,075.85	844.44	910.92	1,216.20
6"	812.44	881.38	1,181.76	945.40	1,014.33	1,304.85
8"	1,331.92	1,418.08	1,775.03	1,464.88	1,550.99	1,910.45
10"	2,205.89	2,296.98	2,651.48	2,395.48	2,486.54	2,841.04
12"	3,030.63	3,121.77	3,473.79	3,257.13	3,350.70	3,702.77
14"	3,508.28		3,718.73			
16"	5,028.51		5,332.56			
18"	6,665.69		6,922.97			
20"	9,636.01		9,881.61			
24"	13,658.80		15,108.89			

<sup>1</sup>BUNA and EPDM liners share the same list price. For optional liner and disc materials, please refer to pages 11 & 12.

<sup>2</sup>H Series (high pressure testing) is available for ductile iron body valves only, please refer to page 11 for the H-Series testing list price adder.

**OW - OILFIELD SERIES BUTTERFLY VALVES**  
**CAST IRON BODY W/GREASE FITTING,**  
**NICKEL PLATED DUCTILE IRON OR ALUMINUM BRONZE DISC, BUNA LINER**  
**2" -12" RATED 200 PSI**

	OW SERIES WAFER PATTERN CAST IRON BODY, NICKEL PLATED DUCTILE IRON DISC, BUNA LINER			OW SERIES WAFER PATTERN CAST IRON BODY, ALUMINUM BRONZE DISC, BUNA LINER		
MODEL	OW122B	OW222B	OW322B	OW123B	OW223B	OW323B
SIZE	BARE STEM	LEVER HANDLE	GEAR OPERATED	BARE STEM	LEVER HANDLE	GEAR OPERATED
2"	228.97	273.29	571.17	246.20	290.49	590.90
2 1/2"	228.97	273.29	571.17	246.20	290.49	590.90
3"	248.64	292.94	593.32	273.29	317.58	615.49
4"	305.27	371.76	677.02	347.12	411.11	716.41
5"	428.39	492.38	797.68	497.32	563.77	869.07
6"	541.64	610.57	913.38	610.57	679.48	982.34
8"	745.98	832.13	1,191.59	910.92	997.05	1,354.07
10"	1,075.85	1,166.95	1,521.48	1,228.49	1,319.59	1,671.67
12"	1,455.02	1,543.60	1,898.17	1,873.51	1,964.62	2,319.11

## M-SERIES SPECIALTY OPTIONS LIST ADDERS AND SERVICE PARTS

	EPOXY COATED DISC	NYLON COATED DISC	EPOXY COATED BODY (LUG OR WAFER)	316 STAINLESS STEEL STEMS (IN LIEU OF 416)	H SERIES VALVE TESTING 250 PSI	REPLACEMENT DISCS		
						316 STAINLESS STEEL DISC	ALUMINUM BRONZE DISC	NICKEL PLATED DUCTILE IRON DISC
NOTES	1 & 2	1 & 2	2	3	4	5	5	5
SIZE								
2"	29.56	39.39	140.34	46.77	34.46	113.23	86.17	76.35
2 1/2"	29.56	39.39	140.34	46.77	34.46	132.95	96.01	81.25
3"	36.95	49.24	174.80	51.71	39.39	206.79	105.85	91.10
4"	46.77	56.65	187.08	61.54	44.30	324.97	142.82	118.17
5"	68.95	78.78	231.42	66.46	59.10	443.15	204.36	174.80
6"	78.78	91.10	248.64	83.72	76.35	649.92	305.27	238.81
8"	98.47	118.17	275.71	118.17	93.57	1,125.09	549.02	460.36
10"	140.34	157.58	334.82	226.51	120.63	2,001.56	1,004.46	787.82
12"	184.65	209.25	460.36	354.51	155.10	2,949.38	1,656.89	1,171.88
14"			558.48	711.48	224.05	POA	POA	POA
16"			558.48	785.36	251.11	POA	POA	POA
18"			558.48	1,216.20	297.87	POA	POA	POA
20"			558.48	1,260.51	342.22	POA	POA	POA
24"			558.48	1,984.32	371.76	POA	POA	POA
30"- 48"					794.28			

POA - Price on application, please contact your customer service representative for pricing and availability.

**NOTES:**

- 1 - Add the list price for disc coating to the list price for valve with nickel plated ductile iron disc.
- 2 - Special order item, which is non-cancelable and non-returnable.
- 3 - 316 Grade stainless steel stems are standard when buying valves containing stainless steel discs.
- 4 - "H" Series testing: 2"-12" Tested for 250 psi max. rating, 14"-24" Tested for 200 psi max. rating and requires ductile iron body material.
- 5 - Price for replacement discs only.

**SPECIALTY LINER MATERIALS LIST PRICE ADDERS AND REPLACEMENT**

SIZE	LIST PRICE ADDERS					REPLACEMENT LINERS	
	VITON	FDA BLACK NEOPRENE	FDA WHITE NEOPRENE	HYPALON	TEFLON OVER BUNA†	BUNA	EPDM
2"	297.87	110.80	118.17	110.80	814.92	147.70	147.70
2 1/2"	297.87	110.80	118.17	110.80	933.10	160.04	160.04
3"	297.87	110.80	118.17	110.80	962.61	150.18	150.18
4"	359.45	110.80	118.17	110.80	1,112.79	162.49	162.49
5"	524.41	POA	POA	150.18		199.41	199.41
6"	536.70	147.70	177.28	147.70	1,479.61	184.65	184.65
8"	938.01	310.21	339.74	310.21	2,178.81	324.97	324.97
10"	1,093.11	344.68	386.53	344.68	2,535.78	371.76	371.76
12"	1,359.01	531.79	563.77	531.79	3,335.94	465.29	465.29
14"	2,104.96	POA	POA	POA		POA	POA
16"	3,038.16	POA	POA	POA		POA	POA
18"	3,512.92	POA	POA	POA		POA	POA
20"	4,121.06	POA	POA	POA		POA	POA
24"	5,573.44	POA	POA	POA		POA	POA
30"	8,597.59						
36"	12,599.32						
42"	20,011.11						
48"	23,865.54						

POA - Price on application, please contact your customer service representative for pricing and availability.

†Teflon liners require 316 stainless steel discs, and have a maximum temperature rating of 180°F.

## LEVER HANDLE KITS, OPTIONS AND ACCESSORIES

SIZE	10 POSITION LEVER HANDLE KIT†	LOCKING LEVER HANDLE ONLY	EPOXY LEVER HANDLE KIT WITH STAINLESS STEEL STOP PLATE	EPOXY LEVER HANDLE ONLY	MEMORY STOP ONLY (FOR LEVER HANDLE KIT)
2"	57.01	44.07	114.13	70.16	9.73
2 1/2"	57.01	44.07	114.13	70.16	9.73
3"	57.01	44.07	114.13	70.16	9.73
4"	75.21	57.24	137.38	88.14	9.73
5"	75.21	57.24	137.38	88.14	9.73
6"	77.80	59.59	142.57	95.87	9.73
8"	90.71	70.16	176.65	103.61	10.36
10"	93.33	70.16	189.20	103.61	10.36
12"	93.33	70.16	189.20	103.61	10.36

†Lever handle kits include: Lever handle, stop plate and hardware to mount to valve.

## M & C SERIES GEAR OPERATORS, OPTIONS, AND ACCESSORIES

	GEAR OP. W/ HAND- WHEEL	GEAR OP. W/ MEMORY STOP	HAND- WHEEL ONLY	MEMORY STOP ONLY	ALUMINUM CHAINWHEEL OPERATOR	CHAIN PER FOOT	LOCKING DEVICE	2" SQUARE NUT	STEM EXT BASE PRICE PRICE	STEM EXT ADDER FOR EACH INCH OF RISE
<b>NOTES</b>				<b>3</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>1A</b>	<b>1B</b>
SIZE										
2"	359.45	529.30	219.11	140.34	413.21	11.16G <b>21.97S</b>	140.34	140.34	399.39	35.55
2 1/2"	359.45	529.30	219.11	140.34	413.21	11.16G <b>21.97S</b>	140.34	140.34	399.39	35.55
3"	359.45	529.30	219.11	140.34	413.21	11.16G <b>21.97S</b>	140.34	140.34	481.47	33.77
4"	391.45	561.30	219.11	140.34	413.21	11.16G <b>21.97S</b>	140.34	140.34	582.70	46.52
5"	391.45	561.30	219.11	140.34	413.21	11.16G <b>21.97S</b>	140.34	140.34	642.84	49.22
6"	407.75	584.70	219.11	140.34	413.21	11.16G <b>21.97S</b>	140.34	140.34	642.84	49.22
8"	485.03	704.10	278.20	187.08	478.15	11.16G <b>21.97S</b>	140.34	140.34	722.14	57.46
10"	485.03	704.10	278.20	187.08	478.15	11.16G <b>21.97S</b>	140.34	140.34	722.14	62.95
12"	485.03	704.10	278.20	187.08	478.15	12.13G <b>21.97S</b>	140.34	140.34	899.99	71.15
14"	750.88	1,036.46	374.22	233.88	579.55	12.13G <b>24.98S</b>	140.34	140.34	987.51	72.79
16"	750.88	1,036.46	374.22	233.88	579.55	12.13G <b>24.98S</b>	140.34	140.34	1,058.66	84.84
18"	1,260.51	1,799.05	561.30	488.38	579.55	12.13G <b>24.98S</b>	147.70	147.70	1,077.77	88.89
20"	1,260.51	1,799.05	561.30	488.38	579.55	12.13G <b>24.98S</b>	147.70	147.70	1,263.77	93.54
24"	1,644.60	2,124.71	561.30	488.38	1,241.17	12.13G <b>24.98S</b>	147.70	147.70	1,370.47	103.96
30"-48"	POA	POA	POA		1,179.11	12.13G <b>24.98S</b>	POA	POA	POA	POA

POA - Price on Application, please contact your customer service representative for price and availability.

CHAINWHEEL OPERATOR PART NO. AND CHAIN SIZE		
BUTTERFLY VALVE SIZE	CHAINWHEEL PART NO.	CHAIN SIZE
2" thru 6"	ARG1.0 (also order ARG1.0-STRP)	1/0
8" thru 12"	ARG2.0	1/0
14" thru 20"	ARG2.5	4/0
24" thru 42"	ARG3.5	4/0
48"	ARG4.0	4/0

**NOTES:**

1A & 1B - Calculating stem extensions: Based on valve size find the stem extension rise price per inch and multiply by the total rise height, then add the corresponding base stem extension price for the total list price. (Includes stem, tube and flanges in carbon steel material. All stainless steel stem extensions are available upon request; please contact your customer service representative for price and availability.

2 - G=List price for galvanized chain, S=List price for 316 stainless steel chain. List prices are per foot.

3 - These items are for mounting on to gear operators only.