



**CORPORATION**

**Milwaukee  
Butterfly  
Valves**

<b>PRICE SCHEDULE:</b>	
<b>MVBFV-1212</b>	
<b>EFFECTIVE:</b>	July 1, 2013
Subject to change without notice.	

**GENERAL NOTES**

**MINIMUM INVOICE:** \$50.00 net

**PRICES:** All prices are each.  
Taxes extra as applicable

**F.O.B. :** Our plant, stocking warehouse.

**PAYMENT TERMS:** Net 30 days.

**OTHER TERMS:** The "General Terms and Conditions" apply to all orders.

<b>ONTARIO WAREHOUSE</b> 4151 North Service Road Unit #2 Burlington, ON L7L 4X6 PHONE <b>905-335-5320</b> FAX <b>905-335-3140</b> TOLL FREE <b>1-888-399-CCTF (2283)</b>	<b>ALBERTA WAREHOUSE</b> 5407 – 53 <sup>rd</sup> Avenue NW Edmonton, AB T6B 3G2 PHONE <b>780-463-8700</b> FAX <b>780-463-7433</b> TOLL FREE <b>1-800-661-3633</b>	<b>BRITISH COLUMBIA WAREHOUSE</b> #4 – 480 Audley Boulevard Delta, BC V3M 5S4 PHONE <b>604-540-6177</b> FAX <b>604-540-2836</b> TOLL FREE <b>1-866-540-6177</b>
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## **"BUTTERBALL™" - Threaded and Solder-Butterfly Valve (Page 3)**

Milwaukee Valve has been manufacturing the BUTTERBALL™ for over 35 years. The threaded end BUTTERBALL™ is one of the most widely specified gas valves in the industry, as possibly the first valve ever produced that carried AGA/UL/FM/CGA approvals, in addition to complying with FEDERAL SPECIFICATION WW-V-1967. The threaded end BUTTERBALL™ (BB2-100) still complies with AGA/CGA/CSA/UL and FEDERAL SPECIFICATION WW-V-1967, and is produced in our plant in Prairie Du Sac, WI. In addition to LP and natural gas service, the BUTTERBALL™ is ideal for positive shut-off and throttling & balancing air and water systems. (As long as throttling is not in near-closed position or otherwise at excessive pipeline velocity.)

## **C-Series - Commercial Butterfly Valve (Page 4)**

**The C-Series is based on our industrial valve, but intended for commercial applications.**

Cast iron bodies are available in Lug or Wafer pattern. Disc is Aluminum/Bronze, Liner is EPDM. Valves are available in locking lever handle (up to 12"), and gear operators 6"-12". Gear operator options include padlocking devices, memory stops, 2" square operating nuts and chainwheel & guides. C-Series are approved for use in category A service as described in Title 46 Code of Federal Regulations 56.20-15.

## **M-Series - Industrial Butterfly Valve (Page 5-10)**

**The M-Series is a rugged design intended for industrial applications.**

Lug or Wafer bodies in Cast Iron or Ductile Iron. Disc options include 316 stainless steel (CF8M grade), Aluminum Bronze, or Ductile Iron with either Nickel Plating, Epoxy Coating or Nylon Coating. Liner options include Buna, EPDM, Viton, Hypalon, Viton Hi-Temp, Black Neoprene-FDA, White Neoprene-FDA and PTFE with Buna Backing. Valves are available bare stem, locking lever handle (up to 12"), gear operators and electric or pneumatic actuators. Gear operator options include padlocking devices, memory stops, 2" square operating nuts and chainwheel & guides. Gear operators can also be ordered for special services, such as buried service or submerged service. M-Series are approved for use in category A service as described in Title 46 Code of Federal Regulations 56.20-15.

## **H-Series - High-Pressure Industrial Butterfly Valve (Page 11)**

**The H-Series is a rugged design intended for high-pressure applications.**

Lug or Wafer bodies in ductile iron. Disc options include 316 stainless steel (CF8M grade), Aluminum Bronze, or Ductile Iron with Nickel Plating. Liner options include Buna, EPDM, Viton, Hypalon, Viton Hi-Temp, Black Neoprene-FDA, White Neoprene-FDA. Valves are available with all of the "M-Series" handle and gear options. H-Series are approved for use in category A service as described in Title 46 Code of Federal Regulations 56.20-15.

## **Lever Handles - Gear Operators - Accessories - Weights (Page 12-14)**

**"BUTTERBALL™" BUTTERFLY VALVES AGA/UL/FM  
FED SPEC WW-V-1978**

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
BB2-100 THREADED	22.92	22.92	22.92	34.69	44.08	70.54	88.20	106.42
BB2-350 SOLDER		22.92	24.12	39.02	47.61	76.79	99.12	123.96
BB1-10A0 W/ACTUATOR PADS					146.16	164.61	180.14	199.31

**"BUTTERBALL™" OPTIONS & ACCESSORIES -  
ADD TO VALVE LIST**

SIZE	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2
BB2-FS100 BB2-FS350 W/CALIBRATED MS HANDLE	14.94	14.94	14.94	14.94	14.94	18.59	18.59	18.59
BB2-102 BB2-352 MEMORY STOP	3.76	3.76	3.76	3.76	3.76	4.35	4.35	4.03
BB2-103 BB2-353 1-1/4 EXT STEM	11.41	11.41	11.41	11.41	11.41	13.03	13.03	12.12
BB2-104 BB2-354 2-1/4 EXT STEM	14.23	14.23	14.23	14.23	14.23	19.17	19.17	19.17
BB2-100R BB2-350R OVAL HANDLE	13.03	13.03	13.03	13.03	13.03	19.87	19.87	18.48

# C-SERIES BUTTERFLY VALVES

**CAST IRON BODY - ALUMINUM BRONZE DISC - EPDM LINER**

**2" - 12" RATED 200 PSI, 14" AND LARGER RATED 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"**

**CW SERIES - WAFER PATTERN  
CAST IRON BODY  
ALUMINUM/BRONZE DISC**

**CL SERIES - LUG PATTERN  
CAST IRON BODY  
ALUMINUM/BRONZE DISC**

SIZE	CW223E LEVER HANDLE	CW323E GEAR OPERATOR	CL223E LEVER HANDLE	CL323E GEAR OPERATOR
2	212.25		222.16	
2-1/2	212.25	442.03	222.16	448.33
3	220.20	448.33	238.04	464.04
4	275.75	520.68	315.41	547.42
5	400.72	629.22	470.16	695.28
6	474.09	704.21	509.83	739.95
8	714.14	989.86	765.73	1,039.47
10	952.20	1,221.96	1,031.53	1,301.31
12	1,436.20	1,704.00	1,515.57	1,783.37
14		2,581.79		2,600.64
16		3,787.88		3,806.74
18		4,692.47		4,711.31
20		5,936.25		5,992.79
24		9,215.33		10,741.79

## PLEASE NOTE

**C-SERIES VALVES ARE ONLY AVAILABLE IN THE ABOVE CONFIGURATION.  
CONSULT THE M-SERIES FOR OPTIONAL LINERS AND DISCS.**

# ML-SERIES BUTTERFLY VALVES

**CAST & DUCTILE IRON BODY - NP DUCTILE IRON DISC - EPDM (BUNA) LINER  
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". (H-SERIES  
AVAILABLE FOR DUCTILE IRON BODY VALVES ONLY - PLEASE SEE PAGE 11).**

## ML SERIES - LUG PATTERN CAST IRON BODY NP DUCTILE DISC

## ML SERIES - LUG PATTERN DUCTILE IRON BODY NP DUCTILE DISC

SIZE	ML122E(B) BARE STEM	ML222E(B) LEVER HANDLE	ML322E(B) GEAR OPERATOR	SIZE	ML132E(B) BARE STEM	ML232E(B) LEVER HANDLE	ML332E(B) GEAR OPERATOR
2	200.35	236.04	478.07	2	224.16	259.85	501.88
2-1/2	200.35	236.04	478.07	2-1/2	224.16	259.85	501.88
3	222.16	257.88	499.88	3	255.89	291.60	533.58
4	273.74	327.32	573.28	4	315.41	367.01	612.96
5	394.76	446.34	692.31	5	442.38	493.93	739.95
6	476.12	529.64	773.67	6	535.60	589.16	833.15
8	654.63	724.06	1,013.68	8	718.12	787.55	1,077.18
10	934.34	1,007.74	1,291.40	10	1,017.65	1,091.05	1,376.71
12	1,241.81	1,317.18	1,600.85	12	1,348.93	1,424.27	1,707.97
14	1,799.71		2,072.98	14	1,822.34		2,137.06
16	2,553.54		3,071.77	16	2,611.94		3,177.31
18	3,194.25		3,863.28	18	3,275.28		3,921.69
20	4,145.97		4,880.91	20	4,251.48		4,922.39
24	6,972.75		8,203.35	24	7,082.03		8,695.21
30	12,792.16		13,900.25	30	16,583.81		18,845.25
36	17,997.21		19,676.33	36	20,729.78		22,614.31
42	21,483.59		23,298.39	42	24,498.81		26,194.88
48	28,267.86		31,277.47	48	32,036.94		34,109.91

### PLEASE NOTE

**BUNA AND EPDM LINERS ARE THE SAME PRICE.  
OPTIONAL LINERS AND DISCS ARE ARE AVAILABLE ON PAGES 9-10.**

# ML-SERIES BUTTERFLY VALVES

**CAST & DUCTILE IRON BODY - ALUMINIUM/BRONZE DISC - EPDM (BUNA) LINER  
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".  
(H-SERIES AVAILABLE FOR DUCTILE IRON BODY VALVES ONLY - PLEASE SEE PAGE 11).**

**ML SERIES - LUG PATTERN  
CAST IRON BODY  
ALUMINIUM / BRONZE DISC**

**ML SERIES - LUG PATTERN  
DUCTILE IRON BODY  
ALUMINIUM / BRONZE DISC**

SIZE	ML123E(B) BARE STEM	ML223E(B) LEVER HANDLE	ML323E(B) GEAR OPERATOR
2	220.20	255.89	495.93
2-1/2	220.20	255.89	495.93
3	238.04	273.74	515.76
4	311.45	363.04	609.00
5	476.12	527.65	773.67
6	535.60	589.16	833.15
8	795.48	864.92	1,154.53
10	1,063.26	1,136.64	1,422.32
12	1,600.85	1,674.27	1,957.94
14	2,261.45		2,600.64
16	3,109.47		3,806.74
18	4,108.25		4,711.31
20	5,323.80		5,992.79
24	9,215.33		10,741.79
30	16,593.23		18,359.04
36	26,147.78		27,823.13
42	37,030.92		38,808.01
48	50,128.36		51,875.32

SIZE	ML133E(B) BARE STEM	ML233E(B) LEVER HANDLE	ML333E(B) GEAR OPERATOR
2	243.98	279.69	521.69
2-1/2	243.98	279.69	521.69
3	271.77	307.47	549.47
4	351.13	404.68	650.66
5	523.68	575.28	821.25
6	595.09	650.66	892.68
8	860.93	928.37	1,220.00
10	1,146.60	1,220.00	1,505.65
12	1,707.97	1,781.37	2,067.02
14	2,302.88		2,615.69
16	3,177.31		3,823.71
18	4,130.87		4,777.27
20	5,348.28		6,021.05
24	9,249.24		10,862.42
30	21,672.03		23,556.55
36	30,529.32		32,345.98
42	40,328.83		42,213.35
48	53,708.95		55,781.93

**PLEASE NOTE**

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OPTIONAL LINERS AND DISCS ARE ARE AVAILABLE ON PAGES 9-10.**

# ML-SERIES BUTTERFLY VALVES

**CAST & DUCTILE IRON BODY - STAINLESS STEEL DISC - EPDM (BUNA) LINER**  
**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".**  
**(H-SERIES AVAILABLE FOR DUCTILE IRON BODY VALVES ONLY - PLEASE SEE PAGE 11).**

**ML SERIES - LUG PATTERN  
 CAST IRON BODY  
 STAINLESS STEEL DISC**

**ML SERIES - LUG PATTERN  
 DUCTILE IRON BODY  
 STAINLESS STEEL DISC**

SIZE	ML124E(B) BARE STEM	ML224E(B) LEVER HANDLE	ML324E(B) GEAR OPERATOR
2	305.49	329.31	571.31
2-1/2	305.49	329.31	571.31
3	361.03	396.74	638.75
4	452.27	503.86	749.85
5	638.75	690.33	936.33
6	706.21	761.76	1,005.75
8	1,124.75	1,194.21	1,483.83
10	1,856.75	1,930.16	2,213.82
12	2,527.25	2,600.64	2,886.29
14	2,921.00		3,015.24
16	4,145.97		4,334.39
18	5,465.13		5,597.03
20	7,867.88		8,009.22
24	12,230.56		12,343.64
30	20,290.68		21,966.02
36	31,614.79		33,288.23
42	40,705.75		42,567.65
48	52,766.68		54,913.17

SIZE	ML134E(B) BARE STEM	ML234E(B) LEVER HANDLE	ML334E(B) GEAR OPERATOR
2	317.39	353.11	595.09
2-1/2	317.39	353.11	595.09
3	394.76	430.47	670.49
4	491.97	545.51	791.52
5	686.35	737.94	983.92
6	767.71	821.25	1,065.26
8	1,190.22	1,259.64	1,547.27
10	1,940.06	2,013.48	2,297.14
12	2,634.37	2,709.75	2,993.41
14	2,781.56		3,096.28
16	3,778.45		4,424.87
18	5,071.25		5,717.64
20	6,889.81		8,107.22
24	10,837.92		12,447.27
30	23,556.55		25,817.99
36	33,921.44		35,805.98
42	43,344.07		45,040.15
48	56,064.60		57,289.58

## PLEASE NOTE

**BUNA AND EPDM LINERS ARE THE SAME PRICE.**  
**OPTIONAL LINERS AND DISCS ARE ARE AVAILABLE ON PAGES 9-10.**

# MW-SERIES BUTTERFLY VALVES

CAST & DUCTILE IRON BODY - NP DUCTILE IRON DISC - EPDM (BUNA) LINER  
 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".  
 (H-SERIES AVAILABLE FOR DUCTILE IRON BODY VALVES ONLY - PLEASE SEE PAGE 11).

## MW SERIES - WAFER PATTERN CAST IRON BODY NP DUCTILE DISC

## MW SERIES - WAFER PATTERN DUCTILE IRON BODY NP DUCTILE DISC

SIZE	MW122E(B) BARE STEM	MW222E(B) LEVER HANDLE	MW322E(B) GEAR OPERATOR	SIZE	MW132E(B) BARE STEM	MW232E(B) LEVER HANDLE	MW332E(B) GEAR OPERATOR
2	184.49	220.20	460.22	2	222.16	257.88	499.88
2-1/2	184.49	220.20	460.22	2-1/2	222.16	257.88	499.88
3	200.35	236.04	478.07	3	253.92	289.63	529.64
4	245.97	299.54	545.51	4	313.42	364.99	610.99
5	343.18	396.74	642.73	5	436.43	489.97	735.96
6	436.43	491.97	735.96	6	529.64	585.19	829.17
8	601.07	670.49	960.13	8	710.17	779.61	1,067.24
10	866.87	940.27	1,225.94	10	1,007.74	1,083.12	1,366.79
12	1,170.38	1,243.76	1,529.45	12	1,341.01	1,414.37	1,698.06
14	1,743.17		1,978.75	14			
16	2,449.87		3,015.24	16			
18	3,109.47		3,769.05	18			
20	4,051.73		4,805.55	20			
24	6,539.31		7,690.75	24			

### PLEASE NOTE

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# MW-SERIES BUTTERFLY VALVES

CAST & DUCTILE IRON BODY - ALUMINUM/BRONZE DISC - EPDM (BUNA) LINER  
 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".  
 (H-SERIES AVAILABLE FOR DUCTILE IRON BODY VALVES ONLY - PLEASE SEE PAGE 11).

## MW SERIES - WAFER PATTERN CAST IRON BODY ALUMINIUM/BRONZE DISC

## MW SERIES - WAFER PATTERN DUCTILE IRON BODY ALUMINIUM/BRONZE DISC

SIZE	MW123E(B) BARE STEM	MW223E(B) LEVER HANDLE	MW323E(B) GEAR OPERATOR	SIZE	MW133E(B) BARE STEM	MW233E(B) LEVER HANDLE	MW333E(B) GEAR OPERATOR
2	198.38	234.06	491.97	2	242.01	277.72	517.74
2-1/2	198.38	234.06	491.97	2-1/2	242.01	277.72	517.74
3	220.20	253.92	497.92	3	269.78	305.49	547.49
4	279.69	331.26	579.24	4	349.15	400.72	646.68
5	400.72	452.27	700.25	5	517.74	569.32	817.29
6	491.97	547.49	791.52	6	591.13	644.73	888.69
8	731.98	801.41	1,093.02	8	849.01	918.46	1,212.05
10	989.86	1,063.26	1,346.95	10	1,138.64	1,212.05	1,495.69
12	1,588.95	1,582.99	1,868.63	12	1,698.06	1,773.41	2,057.12
14	2,214.33		2,581.80	14			
16	3,062.34		3,787.88	16			
18	4,051.73		4,692.47	18			
20	5,276.65		5,936.25	20			
24	8,046.91		9,215.33	24			

### PLEASE NOTE

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 OPTIONAL LINERS AND DISCS ARE ARE AVAILABLE ON PAGES 9-10.

# MW-SERIES BUTTERFLY VALVES

**CAST & DUCTILE IRON BODY - STAINLESS STEEL DISC - EPDM (BUNA) LINER**  
**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".**  
**(H-SERIES AVAILABLE FOR DUCTILE IRON BODY VALVES ONLY - PLEASE SEE PAGE 11).**

## MW SERIES - WAFER PATTERN CAST IRON BODY STAINLESS STEEL DISC

## MW SERIES - WAFER PATTERN DUCTILE IRON BODY STAINLESS STEEL DISC

SIZE	MW124E(B) BARE STEM	MW224E(B) LEVER HANDLE	MW324E(B) GEAR OPERATOR
2	269.78	305.49	547.49
2-1/2	269.78	305.49	547.49
3	337.23	372.94	612.96
4	416.59	468.14	714.14
5	569.32	620.89	866.87
6	654.63	710.17	952.20
8	1,073.20	1,142.62	1,430.23
10	1,777.40	1,850.80	2,136.44
12	2,441.94	2,515.37	2,799.01
14	2,826.80		2,996.38
16	4,051.73		4,296.72
18	5,370.89		5,578.20
20	7,764.24		7,962.13
24	11,005.61		12,174.02

SIZE	MW134E(B) BARE STEM	MW234E(B) LEVER HANDLE	MW334E(B) GEAR OPERATOR
2	315.41	351.13	593.14
2-1/2	315.41	351.13	593.14
3	390.81	428.49	668.52
4	489.97	541.55	787.55
5	680.41	733.98	979.95
6	761.76	817.29	1,051.38
8	1,180.33	1,249.72	1,539.35
10	1,930.16	2,003.53	2,289.18
12	2,624.44	2,699.83	2,983.51
14			
16			
18			
20			
24			

### PLEASE NOTE

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**OPTIONAL LINERS AND DISCS ARE ARE AVAILABLE ON PAGES 9-10.**

**EPOXY COATED BODIES  
EPOXY & NYLON DISC COATING  
REPLACEMENT DISCS  
316 STAINLESS STEM ADDER  
H-SERIES VALVE TESTING**

SIZE	EPOXY COATED DISC ADDER (1)(2)	NYLON COATED DISC ADDER (1)(2)	EPOXY COATED LUG BODY (2)	EPOXY COATED WAFER BODY (2)	316 STAINLESS STEEL DISC ONLY (5)	ALUMINIUM BRONZE DISC ONLY (5)	NP/ DUCTILE IRON DISC ONLY (5)	316 STAINLESS STEEL STEM ONLY (3)	H SERIES VALVE TESTING 250 PSI (4)
2	23.82	31.74	113.08		91.24	69.44	61.52	37.69	27.77
2-1/2	23.82	31.74	113.08		107.12	77.36	65.46	37.69	27.77
3	29.77	39.67	140.85		166.62	85.29	73.41	41.67	31.74
4	37.69	45.65	150.74		261.85	115.07	95.22	49.59	35.69
5	55.56	63.48	186.47		357.07	164.66	140.85	53.55	47.62
6	63.48	73.41	200.53		523.68	245.97	192.42	67.46	61.52
8	79.34	95.22	222.16		906.55	442.38	370.94	95.22	75.39
10	113.08	126.97	269.78		1,612.76	809.34	634.79	182.51	97.19
12	148.78	168.61	370.94		2,376.47	1,335.04	944.24	285.65	124.97
14			POA	POA	POA	POA	POA	573.28	180.53
16			POA	POA	POA	POA	POA	632.80	202.33
18			POA	POA	POA	POA	POA	979.95	240.01
20			POA	POA	POA	POA	POA	1,015.65	275.75
24			POA	POA	POA	POA	POA	1,598.87	299.54

- (1) ADD DISC COATINGS PRICE TO VALVE WITH NP DUCTILE LIST PRICE  
(2) SPECIAL ORDER ITEM (NON CANCELABLE, NON RETURNABLE)  
(3) 316 STEM IS STANDARD WITH 316 DISC  
(4) "H"-SERIES TESTING - 2"- 12" = 250# PSI, 14"- 24" = 200# PSI  
REQUIRES DUCTILE IRON BODY  
(5) PRICE FOR DISC ONLY

**LEVER HANDLE KITS  
OPTIONS AND ACCESSORIES**

<b>SIZE</b>	<b>10 POS LEVER HANDLE KIT (1)</b>	<b>LOCKING LEVER HANDLE ONLY</b>	<b>EPOXY LEVER HANDLE SS PLATE</b>	<b>EPOXY LEVER HANDLE ONLY</b>	<b>MEMORY STOP ONLY FOR LH</b>
<b>2</b>	45.93	35.51	91.96	56.53	7.84
<b>2-1/2</b>	45.93	35.51	91.96	56.53	7.84
<b>3</b>	45.93	35.51	91.96	56.53	7.84
<b>4</b>	60.60	46.12	110.69	71.02	7.84
<b>5</b>	60.60	46.12	110.69	71.02	7.84
<b>6</b>	62.69	48.01	114.87	77.24	7.84
<b>8</b>	73.09	56.53	142.34	83.49	8.35
<b>10</b>	75.20	56.53	152.45	83.49	8.35
<b>12</b>	75.20	56.53	152.45	83.49	8.35

**(1) LEVER HANDLE KIT INCLUDES LEVER, STOP PLATE AND BOLTS**

**GEAR OPERATORS - OPTIONS & ACCESSORIES**  
**(M-SERIES ONLY - PLEASE CONSULT FACTORY FOR C-SERIES)**  
**STEM EXTENTIONS & REPLACEMENT PARTS**

SIZE	GEAR W/ HAND-WHEEL	GEAR W/ MEMORY STOP	HAND-WHEEL ONLY	MEMORY STOP ONLY (3)	ALUMINIUM CHAIN WHEEL (3)	CHAIN PER FOOT (2)	LOCKING DEVICE (FOR GEAR) (3)	2" SQUARE NUT (3)	STEM EXT BASE PRICE (12") (1)	ADD FOR EACH ADD'L INCH
2	289.63	426.48	176.55	113.08	332.95	7.84 G 17.45 SS	113.08	113.08	289.63	25.78
2-1/2	289.63	426.48	176.55	113.08	332.95	7.84 G 17.45 SS	113.08	113.08	289.63	25.78
3	289.63	426.48	176.55	113.08	332.95	7.84 G 17.45 SS	113.08	113.08	349.15	24.49
4	315.41	452.27	176.55	113.08	332.95	7.84 G 17.45 SS	113.08	113.08	442.56	33.73
5	315.41	452.27	176.55	113.08	332.95	7.84 G 17.45 SS	113.08	113.08	446.17	35.69
6	328.55	471.12	176.55	150.74	332.95	7.84 G 17.45 SS	113.08	113.08	446.17	35.69
8	390.81	567.33	224.16	150.74	385.27	7.84 G 17.45 SS	113.08	113.08	523.68	41.67
10	390.81	567.33	224.16	150.74	385.27	7.84 G 17.45 SS	113.08	113.08	523.68	45.65
12	390.81	567.33	224.16	150.74	385.27	7.84 G 17.45 SS	113.08	113.08	652.65	51.59
14	605.03	835.13	301.53	188.45	466.97	9.97 G 20.23 SS	113.08	113.08	716.12	52.78
16	605.03	835.13	301.53	188.45	466.97	9.97 G 20.23 SS	113.08	113.08	767.71	61.52
18	1,015.65	1,449.59	452.27		1,000.07	9.97 G 20.23 SS	196.38	119.01	781.57	64.46
20	1,015.65	1,449.59	452.27		1,000.07	9.97 G 20.23 SS	196.38	119.01	916.46	67.83
24	1,325.14	1,711.99	452.27		1,000.07	9.97 G 20.23 SS	196.38	119.01	993.83	75.39
30+	POA	POA	POA		POA	POA	POA	POA	POA	POA

(1) BASE PRICE FOR STEM EXTENTION INCLUDES THE FIRST 12". THIS PRICE INCLUDES STEM, TUBE AND FLANGES IN CARBON STEEL. ALL STAINLESS STEEL AVAILABLE ON REQUEST.  
(2) G = PRICE FOR GALVANIZED CHAIN, SS = PRICE FOR 316 STAINLESS STEEL CHAIN. PRICES ARE PER FOOT.  
(3) THESE ITEMS REQUIRE A GEAR OPERATOR THAT IS NOT INCLUDED IN THE LIST PRICE.

# BUTTERFLY VALVE WEIGHTS

APPROXIMATE SHIPPING WEIGHT IN LBS

## WAFER PATTERN

SIZE	VALVE ONLY	VALVE W/LEVER	VALVE W/GEAR
2	7	10	12
2-1/2	8	11	13
3	9	12	14
4	12	15	17
5	15	19	20
6	19	23	24
8	33	39	41
10	52	58	60
12	73	79	81
14	160		180
16	210		230
18	260		300
20	340		380
24	590		640
30			
36			
42			
48			

## LUG PATTERN

SIZE	VALVE ONLY	VALVE W/LEVER	VALVE W/GEAR
2	8	11	12
2-1/2	9.5	12.5	14.5
3	10	13	15
4	17	20	22
5	20	24	25
6	24	28	30
8	38	44	46
10	70	76	78
12	105	111	113
14	175		190
16	237		252
18	298		325
20	376		416
24	610		650
30	900		975
36	1410		1495
42	1905		1995
48	2780		2870