



# Commercial and Industrial **BAL-0718** Ball Valve Price List

Effective: July 2, 2018

**Revised: 10/09/2018**

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

## TABLE OF CONTENTS

<u>PRODUCT NUMBER / SERIES</u>	<u>PAGE NUMBER</u>
BA-100	2
BA-100-P2	3
BA-150	4
BA-200 / BA-250	5
BA-260	16
BA-300	6
BA-300SB	7
BA-350	8
BA-350TE	9
BA-400	10
BA-400-P2	11
BA-450	12
BA-475B/ BA-485B	13
BA-480B/BA-490B	14
BA-500/550	15
BA3WDSLH DIVERter VALVE	16
10 SERIES STAINLESS AND CARBON	16
20 SERIES BRONZE	17
20 SERIES STAINLESS AND CARBON	18
22 SERIES STAINLESS AND CARBON	19
30 SERIES BRONZE	20
30 SERIES STAINLESS AND CARBON	21
20/22/30 SERIES ACCESSORIES AND OPTIONS	22
35 SERIES STAINLESS AND CARBON	23
41 SERIES STAINLESS AND CARBON	24
54 SERIES	25
F20 FLANGED FULL BORE	26
F90 / F91 FLANGED UNIBODY	27
F90 / F91 SERIES OPTIONS AND ACCESSORIES	28

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

Milwaukee Valve Company | 16550 West Stratton Drive | New Berlin | WI | 53151

Phone: (262) 432-2700

Website: [www.milwaukeevalve.com](http://www.milwaukeevalve.com)

**BA-100 SERIES BALL VALVE**  
**2-PIECE / STANDARD PORT\* / BRONZE BODY / THREADED**  
**600 WOG 150 SWP**

BRONZE BODY, CHROME PLATED BALL											
MODEL	BA-100	BA-100-LD	BA-100-MS	BA-100-OH	BA-100-LO	BA-100-RVH	BA-100-SH	BA-100-TH	BA-100-XH	BA-100-XM	BA-100-M
SIZE	CHROME PLATED BALL	W/ LOCKING HANDLE	W/ MEMORY STOP	W/ OVAL HANDLE	W/ OVAL LOCKING HANDLE	REVERSE OPERATION HANDLE	W/ STAINLESS HANDLE	W/ "T" HANDLE	W/ XH STEM EXTENSION	W/STEM EXTENSION & MEMORY STOP	FNPT x MALE THREADED END
1/4"	37.03	50.49	42.71	55.74	94.20	55.52	48.37	54.06	53.10	82.81	48.28
3/8"	37.03	50.49	42.71	55.74	94.20	55.52	48.37	54.06	53.10	82.81	48.28
1/2"	37.03	50.49	42.71	55.74	94.20	55.52	48.37	54.06	53.10	82.81	48.28
3/4"	60.86	78.81	66.54	83.56	122.39	91.30	76.54	82.06	76.94	106.65	74.51
1"	67.26	85.20	72.94	89.95	128.78	118.99	82.93	88.45	83.33	113.04	106.04
1 1/4"	129.91	156.96	135.59	170.57		194.91	152.58	167.76	158.31	184.82	167.94
1 1/2"	165.79	192.84	171.47	206.45		248.72	188.46	203.64	194.19	220.70	207.82
2"	208.82	235.87	214.50	249.48		313.21	241.61	246.67	237.22	263.73	289.60
2 1/2"	1,015.85	1,042.90	1,021.53			1,523.76	1,048.64		1,044.25	1,070.76	
3"	1,154.39	1,181.44	1,160.07			1,731.59	1,187.18		1,182.79	1,209.30	

EXHAUST		BRONZE BODY, SS BALL/STEM							HOSE END	
MODEL	BA-100E	BA-100E-LD	BA-100S	BA-100S-LD	BA-100S-MS	BA-100S-SH	BA-100S-XH	BA-100S-XM	BA-100-H	BA-100S-H
SIZE	W/ EXHAUST PORT	W/ EXHAUST PORT & LOCKING HANDLE	STAINLESS BALL & STEM	W/ LOCKING HANDLE	W/ MEMORY STOP	W/ SS HANDLE	W/ XH STEM EXTENSION	W/STEM EXTENSION & MEMORY STOP	HOSE END W/CAP & CHAIN	HOSE END W/CAP & CHAIN, S.S. BALL & STEM
1/4"	46.18	64.06	57.70	71.17	63.38	69.04	73.79	103.49		
3/8"	46.18	64.06	57.70	71.17	63.38	69.04	73.79	103.49		
1/2"	46.18	64.06	57.70	71.17	63.38	69.04	73.79	103.49	59.82	80.43
3/4"	71.38	93.66	104.91	122.85	110.59	120.58	120.98	150.69	80.80	124.83
1"	91.29	113.57	122.19	140.14	127.87	137.86	138.26	167.98		
1 1/4"	149.42	189.28	212.02	239.07	217.70	234.68	240.42	266.93		
1 1/2"	190.77	230.63	285.42	312.47	291.10	308.09	313.82	340.33		
2"	240.20	278.20	383.03	410.07	388.70	415.81	411.42	437.94		
2 1/2"			1,502.83	1,529.87	1,508.50	1,535.61	1,531.21	1,557.73		
3"			1,712.72	1,739.76	1,718.39	1,745.50		1,767.62		

VALVE ACCESSORY LIST PRICE ADDERS FOR BA-100											
SUFFIX	-LD	-MS	-OH	-LO	-SH	-TH	-XH	-XM	-	-XLD	-TIH
SIZE	LOCKING HANDLE	MEMORY STOP	OVAL HANDLE	OVAL LOCKING HANDLE	SS HANDLE	"T" HANDLE	STEM EXTENSION	STEM EXTENSION W/ MEMORY STOP	CHAIN LEVER HANDLE	LOCKABLE STEM EXTENSION	THERMAL INSULATOR HANDLE W/MEMORY STOP
1/4"	13.46	5.68	18.71	57.17	11.35	17.04	16.08	45.79	19.91	68.40	43.77
3/8"	13.46	5.68	18.71	57.17	11.35	17.04	16.08	45.79	19.91	68.40	43.77
1/2"	13.46	5.68	18.71	57.17	11.35	17.04	16.08	45.79	19.91	68.40	43.77
3/4"	17.95	5.68	22.69	61.52	15.67	21.20	16.08	45.79	21.74	80.72	43.77
1"	17.95	5.68	22.69	61.52	15.67	21.20	16.08	45.79	21.74	80.72	43.77
1 1/4"	27.05	5.68	40.66		22.67	37.85	28.40	54.91	42.59	106.71	62.93
1 1/2"	27.05	5.68	40.66		22.67	37.85	28.40	54.91	42.59	106.71	62.93
2"	27.05	5.68	40.66		32.79	37.85	28.40	54.91	45.84	106.71	62.93
2 1/2"	27.05	5.68			32.79		28.40	54.91	45.84		
3"	27.05	5.68			32.79		28.40	54.91	45.84		

\* All 1/4" thru 3/4" BA100 and BA400 series products are full port and identical in these sizes.

**BA-100-P2 SERIES BALL VALVE**  
**2-PIECE / STANDARD PORT\* / BRONZE BODY / PRESS x PRESS**  
**200 PSIG @ 250° F**

BRONZE BODY, CHROME PLATED BALL									
MODEL	BA-100-P2	BA-100-P2-LD	BA-100-P2-MS	BA-100-P2-OH	BA-100-P2-SH	BA-100-P2-TH	BA-100-P2-XH	BA-100-P2-XM	BA-100-P2-TIH
SIZE	CHROME PLATED BALL	W/ LOCKING HANDLE	W/ MEMORY STOP	W/ OVAL HANDLE	W/ STAINLESS HANDLE	W/ "T" HANDLE	W/ XH STEM EXTENSION	W/STEM EXTENSION & MEMORY STOP	W/THERMAL INSULATOR HANDLE W/MEMORY STOP
1/2"	51.28	64.74	56.95	69.99	62.62	68.31	67.35	97.06	95.04
3/4"	83.57	101.52	89.25	106.26	99.24	104.77	99.65	129.35	127.34
1"	116.79	134.73	122.47	139.49	132.46	137.99	132.86	162.57	160.56
1 1/4"	227.86	254.90	233.53	268.51	250.52	265.70	256.25	282.76	290.78
1 1/2"	277.46	304.50	283.14	318.12	300.12	315.30	305.85	332.37	340.39
2"	371.85	398.88	377.52	412.51	404.64	409.69	400.24	426.76	434.78
2-1/2"	2,294.29	2,321.33	2,299.97		2,327.08		2,322.69	2,349.20	
3"	2,684.99	2,712.04	2,690.68		2,717.79		2,713.40	2,739.90	

BRONZE BODY, SS BALL/STEM								PRESS x HOSE END	
MODEL	BA-100S-P2	BA-100S-P2-LD	BA-100S-P2-MS	BA-100S-P2-SH	BA-100S-P2-XH	BA-100S-P2-XM	BA-100S-P2-TIH	BA100-H-P1	BA100S-H-P1
SIZE	STAINLESS BALL & STEM	W/ LOCKING HANDLE	W/ MEMORY STOP	W/ SS HANDLE	W/ XH STEM EXTENSION	W/STEM EXTENSION & MEMORY STOP	W/THERMAL INSULATOR HANDLE W/MEMORY STOP	HOSE END W/CAP & CHAIN	HOSE END W/CAP & CHAIN, S.S. BALL & STEM
1/2"	71.95	85.42	77.63	83.29	88.03	117.74	115.72	66.95	87.56
3/4"	127.61	145.56	133.30	143.29	143.69	173.40	171.38	92.15	136.18
1"	171.73	189.67	177.40	187.40	187.80	217.51	215.49		
1 1/4"	309.96	337.01	315.64	332.62	338.36	364.87	372.90		
1 1/2"	397.09	424.13	402.76	419.76	425.48	452.00	460.02		
2"	546.04	573.09	551.72	578.83	574.44	600.95	608.97		
2-1/2"	2,491.28	2,518.33	2,496.96	2,524.07	2,519.68	2,546.19			
3"	3,150.34	3,177.39	3,156.02	3,183.13	3,178.74	3,205.25			

**FOR A COMPLETE LIST OF ACCESSORIES AVAILABLE FOR BA-100-P2 SERIES SEE PAGE 2 (BA-100 SERIES)**

\* All 1/2" & 3/4" BA-100-P2 and BA-400-P2 series products are full port and identical in these sizes.

**BA-150 SERIES BALL VALVE**  
**2-PIECE / STANDARD PORT\* / BRONZE BODY / SOLDER**  
**600 WOG 150 SWP**

BRONZE BODY, CHROME PLATED BALL										
MODEL	BA-150	BA-150-LD	BA-150-MS	BA-150-OH	BA-150-LO	BA-150-RVH	BA-150-SH	BA-150-TH	BA-150-XH	BA-150-XM
SIZE	CHROME PLATED BALL	W/ LOCKING HANDLE	W/ MEMORY STOP	W/ OVAL HANDLE	W/OVAL LOCKING HANDLE	REVERSE OPERATION HANDLE	W/ SS HANDLE	W/ "T" HANDLE	W/ XH STEM EXTENSION	W/ STEM EXTENSION & MEMORY STOP
3/8"	37.03	50.49	42.71	55.74	94.20	55.52	48.37	54.06	53.10	82.81
1/2"	37.03	50.49	42.71	55.74	94.20	55.52	48.37	54.06	53.10	82.81
3/4"	60.86	78.81	66.54	83.56	122.39	91.30	76.54	82.06	76.94	106.65
1"	67.26	85.20	72.94	89.95	128.78	118.99	82.93	88.45	83.33	113.04
1 1/4"	129.91	156.96	135.59	170.57		194.91	152.58	167.76	158.31	184.82
1 1/2"	165.79	192.84	171.47	206.45		248.72	198.58	203.64	194.19	220.70
2"	208.82	235.87	214.50	249.48		313.21	241.61	246.67	237.22	263.73
2 1/2"	1,015.85	1,042.90	1,021.53			1,523.76	1,048.64		1,044.25	1,070.76
3"	1,154.39	1,181.44	1,160.07			1,731.59	1,187.18		1,182.79	1,209.30

BRONZE BODY,SS BALL/STEM							HOSE END	
MODEL	BA-150S	BA-150S-LD	BA-150S-MS	BA-150S-SH	BA-150S-XH	BA-150S-XM	BA-150-H	BA-150S-H
SIZE	STAINLESS BALL & STEM	W/ LOCKING HANDLE	W/ MEMORY STOP	W/ STAINLESS HANDLE	W/ XH STEM EXTENSION	W/ STEM EXTENSION & MEMORY STOP	HOSE END W/ CAP & CHAIN	HOSE END W/ CAP & CHAIN
3/8"	57.70	71.17	63.38	69.05	73.78	103.49		
1/2"	57.70	71.17	63.38	69.05	73.78	103.49	59.82	80.43
3/4"	104.91	122.85	110.59	120.58	120.98	150.69	80.80	124.83
1"	122.19	140.14	127.87	137.86	138.27	167.98		
1 1/4"	212.02	239.07	217.70	234.69	240.42	266.93		
1 1/2"	285.42	312.47	291.10	308.09	313.82	340.33		
2"	383.03	410.07	388.71	415.82	411.42	437.94		
2 1/2"	1,502.81	1,529.86	1,508.49	1,535.60	1,531.21	1,557.72		
3"	1,712.72	1,739.76	1,718.39	1,745.50	1,741.11	1,767.62		

VALVE ACCESSORY LIST ADDERS FOR BA-150											
SUFFIX	-LD	-MS	-OH	-LO	-SH	-TH	-XH	-XM	-	-XLD	-TIH
SIZE	LOCKING HANDLE	MEMORY STOP	OVAL HANDLE	OVAL LOCKING HANDLE	SS HANDLE	"T" HANDLE	STEM EXTENSION	STEM EXTENSION W/ MEMORY STOP	CHAIN LEVER HANDLE	LOCKABLE STEM EXTENSION	THERMAL INSULATOR HANDLE W/MEMORY STOP
3/8"	13.46	5.68	18.71	57.17	11.35	17.04	16.08	45.79	19.91	68.40	43.77
1/2"	13.46	5.68	18.71	57.17	11.35	17.04	16.08	45.79	19.91	68.40	43.77
3/4"	17.95	5.68	22.69	61.52	15.67	21.20	16.08	45.79	21.74	80.72	43.77
1"	17.95	5.68	22.69	61.52	15.67	21.20	16.08	45.79	21.74	80.72	43.77
1 1/4"	27.05	5.68	40.66			22.67	37.85	28.40	54.91	42.59	106.71
1 1/2"	27.05	5.68	40.66			22.67	37.85	28.40	54.91	42.59	106.71
2"	27.05	5.68	40.66			32.79	37.85	28.40	54.91	45.84	106.71
2 1/2"	27.05	5.68				32.79		28.40	54.91	45.84	
3"	27.05	5.68				32.79		28.40	54.91	45.84	

\* All 3/8" thru 3/4" BA150 and BA450 series products are full port and identical in these sizes.

**BA-200 & BA-250  
2-PIECE / BRASS BODY / STANDARD PORT  
400 WOG**

THREADED END						
MODEL	BA-200	BA-200-MS	BA-200-OH	BA-200-SH	BA-200-TH	BA-200-XH
SIZE	CHROME PLATED BALL	W/ MEMORY STOP	W/ OVAL HANDLE	W/ STAINLESS STEEL HANDLE	W/ "T" HANDLE	W/ STEM EXTENSION & MEMORY STOP
1/4"	27.01	34.02	48.23	43.56	35.46	48.77
3/8"	27.01	34.02	48.23	43.56	35.46	48.77
1/2"	27.01	34.02	48.23	43.56	35.46	48.77
3/4"	37.28	44.29	58.50	53.82	45.72	59.03
1"	59.97	67.47	67.47	82.06	68.42	86.56
1 1/4"	104.88	112.38	128.41	126.98	113.33	131.46
1 1/2"	136.69	146.08	164.95	171.26	145.14	172.96
2"	165.12	174.51	193.38	199.69	173.57	201.39
2 1/2"	554.31	563.70		597.83		
3"	841.59	850.97		885.10		
4"	1,643.09	1,652.48		1,686.61		

SOLDER END						
MODEL	BA-250	BA-250-MS	BA-250-OH	BA-250-SH	BA-250-TH	BA-250-XH
SIZE	CHROME PLATED BALL	W/ MEMORY STOP	W/ OVAL HANDLE	W/ SS HANDLE	W/ "T" HANDLE	W/ STEM EXTENSION & MEMORY STOP
3/8"	27.01	34.02	48.23	43.56	35.46	48.77
1/2"	27.01	34.02	48.23	43.56	35.46	48.77
3/4"	37.28	44.29	58.50	53.82	45.72	59.03
1"	59.97	67.47	67.47	82.06	68.42	86.55
1 1/4"	104.88	112.38	128.41	126.98	113.33	131.46
1 1/2"	136.69	146.08	164.95	171.26	145.14	172.96
2"	165.12	174.51	193.38	199.69	173.57	201.39
2 1/2"	554.31	563.70		597.83		
3"	841.59	850.97		885.10		

VALVE ACCESSORY LIST ADDERS FOR BA-200 & BA-250					
SUFFIX	-MS	-OH	-SH	-TH	-XH
SIZE	MEMORY STOP	OVAL HANDLE	STAINLESS STEEL HANDLE	"T" HANDLE	STEM EXTENSION W/ MEMORY STOP
1/4" - 3/4"	7.01	21.22	16.55	8.45	21.76
1" - 1-1/4"	7.50	23.53	22.09	8.45	26.58
1 1/2" - 2"	9.39	28.26	34.58	8.45	36.27
2 1/2" - 4"	9.39		43.52		70.08

**BA-300 SERIES BALL VALVE**  
**3-PIECE / FULL PORT / BRONZE BODY / THREADED ENDS**  
**600 WOG 150 SWP**

BRONZE BODY, CHROME PLATED BALL										
MODEL	BA-300	BA-300-LD	BA-300-MS	BA-300-OH	BA-300-LO	BA-300-RVH	BA-300-SH	BA-300-XH	BA-300-XM	BA-300-TIH
SIZE	CHROME PLATED BALL	W/ LOCKING HANDLE	W/ MEMORY STOP	W/ OVAL HANDLE	W/ OVAL LOCKING HANDLE	REVERSE OPERATION HANDLE	W/ SS HANDLE	W/ XH STEM EXTENSION	W/ STEM EXTENSION & MEM. STOP	W/ INSULATOR HANDLE & MEM.STOP
1/4"	94.86	108.32	100.54	113.57	152.03	142.32	106.20	110.94	140.65	140.35
3/8"	94.86	108.32	100.54	113.57	152.03	142.32	106.20	110.94	140.65	140.35
1/2"	109.57	123.04	115.25	128.29	155.06	164.29	120.91	125.65	155.36	155.06
3/4"	134.73	152.68	140.41	157.43	182.53	202.16	150.40	150.81	180.52	180.22
1"	177.15	204.20	182.83	217.81	221.97	265.72	199.82	205.55	232.06	243.44
1 1/4"	253.95	280.99	259.63	294.61		380.91	276.62	282.34	308.86	320.23
1 1/2"	329.51	356.55	335.19	370.17		494.29	352.18	357.90	384.42	395.80
2"	607.64	634.69	613.32			911.46	640.43	636.04	670.11	673.93
2 1/2"	1,195.26	1,249.84								
3"*	1,195.26	1,249.84								

BRONZE BODY, STAINLESS BALL/STEM										
MODEL	BA-300S	BA-300S-LD	BA-300S-MS	BA-300S-OH	BA-300S-LO	BA-300S-RVH	BA-300S-SH	BA-300S-XH	BA-300S-XM	BA-300S-TIH
SIZE	STAINLESS BALL & STEM	W/ LOCKING HANDLE	W/ MEMORY STOP	W/ OVAL HANDLE	W/ OVAL LOCKING HANDLE	REVERSE OPERATION HANDLE	W/ SS HANDLE	W/ XH STEM EXTENSION	W/ STEM EXTENSION & MEM. STOP	W/ INSULATOR HANDLE & MEM.STOP
1/4"	124.86	138.32	130.53	143.57	182.03	187.35	136.20	140.93	170.64	170.34
3/8"	124.86	138.32	130.53	143.57	182.03	187.35	136.20	140.93	170.64	170.34
1/2"	155.51	168.98	161.19	174.23	212.68	233.31	166.85	171.59	201.30	201.00
3/4"	185.17	203.12	190.85	207.87	246.70	277.67	200.84	201.25	230.96	230.66
1"	269.13	296.18	274.81	309.79	330.65	403.72	291.80	297.53	324.04	335.41
1 1/4"	364.61	391.66	370.29	405.27		546.88	387.28	393.01	419.52	430.90
1 1/2"	463.41	490.45	469.09	504.07		695.16	486.08	491.81	518.32	529.70
2"	756.63	783.68	762.31			1,134.95	789.42	785.03	819.10	822.92
2 1/2"	1,515.12	1,569.71								
3"*	1,515.12	1,569.71								

VALVE ACCESSORY LIST ADDERS FOR BA-300										
SUFFIX	-LD	-MS	-OH	-LO	-SH	-XH	-XM	-	-XLD	-TIH
SIZE	LOCKING HANDLE	MEMORY STOP	OVAL HANDLE	OVAL LOCKING HANDLE	STAINLESS STEEL HANDLE	STEM EXTENSION	STEM EXTENSION W/ MEMORY STOP	CHAIN LEVER HANDLE	LOCKABLE STEM EXTENSION	THERMAL INSULATOR HANDLE W/ MEMORY STOP
1/4"	13.46	5.68	18.71	57.17	11.34	16.08	45.79	19.91	68.40	45.49
3/8"	13.46	5.68	18.71	57.17	11.34	16.08	45.79	19.91	68.40	45.49
1/2"	13.46	5.68	18.71	57.17	11.34	16.08	45.79	19.91	68.40	45.49
3/4"	17.95	5.68	22.69	61.52	15.67	16.08	45.79	21.74	80.72	45.49
1"	27.05	5.68	40.66	61.52	22.67	28.40	54.91	42.59	106.71	66.29
1 1/4"	27.05	5.68	40.66		22.67	28.40	54.91	42.59	106.71	66.29
1 1/2"	27.05	5.68	40.66		22.67	28.40	54.91	42.59	106.71	66.29
2"	27.05	5.68			32.79	28.40	62.47		139.54	66.29

\* Standard port

**BA300-SB BALL VALVE**  
**3-PIECE / FULL PORT / BRONZE BODY / SIL-BRAZED ENDS**  
**600 WOG 150 SWP**

BRONZE BODY, CHROME PLATED BALL						
MODEL	BA-300SB	BA-300SB-LD	BA-300SB-OH	BA-300SB-LO	BA-300SB-SH	BA-300SB-TIH
SIZE	SIL-BRAZED ENDS CHROME PLATED BALL	SIL-BRAZED ENDS W/LOCKING HANDLE	SIL-BRAZED ENDS W/ OVAL HANDLE	SIL-BRAZE ENDS W/ LOCKING OVAL HANDLE	SIL-BRAZE ENDS W/STAINLESS HANDLE	SIL- BRAZE ENDS W/ THERMAL INSULATOR HANDLE
1/4"	PLEASE CONSULT FACTORY FOR AVAILABILITY					
3/8"						
1/2"						
3/4"	566.66	584.61	589.36	628.19	582.33	612.16
1"	692.62	719.68	733.28	754.15	715.29	758.92
1 1/4"	1,112.43	1,139.48	1,153.09		1,135.10	1,178.72
1 1/2"	1,154.39	1,181.44	1,195.06		1,177.06	1,220.68
2"	1,301.30	1,328.35			1,334.09	1,367.59

BRONZE BODY, STAINLESS BALL/STEM				
MODEL	BA-300SBS	BA-300SBS-LD	BA-300SBS-SH	BA-300SBS-TIH
SIZE	SIL-BRAZED ENDS W/STAINLESS STEEL BALL & STEM	SIL-BRAZED ENDS W/ STAINLESS STEEL BALL & STEM, LOCKING HANDLE	SIL-BRAZED ENDS W/ STAINLESS STEEL BALL & STEM, STAINLESS HANDLE	SIL- BRAZE ENDS W/ STAINLESS STEEL BALL & STEM , THERMAL INSULATOR HANDLE
1/4"	PLEASE CONSULT FACTORY FOR AVAILABILITY			
3/8"				
1/2"				
3/4"	650.63	668.58	666.30	691.13
1"	776.59	794.54	799.26	842.88
1 1/4"	1,238.19	1,265.24	1,260.86	1,304.49
1 1/2"	1,284.50	1,311.55	1,307.17	1,350.79
2"	1,448.27	1,475.31	1,481.05	1,514.55

VALVE ACCESSORY LIST ADDERS FOR BA-300SB						
SUFFIX	-LD	-OH	-LO	-SH	-	-TIH
SIZE	LOCKING HANDLE	OVAL HANDLE	OVAL LOCKING HANDLE	STAINLESS STEEL HANDLE	CHAIN LEVER HANDLE	THERMAL INSULATOR HANDLE W/MEMORY STOP
1/4"	13.46	18.71	57.17	11.34	19.91	45.49
3/8"	13.46	18.71	57.17	11.34	19.91	45.49
1/2"	13.46	18.71	57.17	11.34	19.91	45.49
3/4"	17.95	22.69	61.52	15.67	21.74	45.49
1"	27.05	40.66	61.52	22.67	42.59	66.29
1 1/4"	27.05	40.66		22.67	42.59	66.29
1 1/2"	27.05	40.66		22.67	42.59	66.29
2"	27.05			32.79		66.29

PLEASE CONSULT FACTORY FOR TRIM OPTIONS

**BA350 SERIES BALL VALVE**  
**3-PIECE / FULL PORT / BRONZE BODY / SOLDER ENDS**  
**600 WOG 150 SWP**

BRONZE BODY, CHROME PLATED BALL										
MODEL	BA-350	BA-350-LD	BA-350-MS	BA-350-OH	BA-350-LO	BA-350-RVH	BA-350-SH	BA-350-XH	BA-350-XM	BA-350-TIH
SIZE	CHROME PLATED BALL	W/ LOCKING HANDLE	W/ MEMORY STOP	W/ OVAL HANDLE	W/ OVAL LOCKING HANDLE	REVERSE OPERATION HANDLE	W/ STAINLESS HANDLE	W/ XH STEM EXTENSION	W/ STEM EXTENSION & MEM. STOP	W/ INSULATOR HANDLE & MEM.STOP
3/8"	94.86	108.32	100.54	113.57	152.03	142.32	106.20	110.94	140.65	140.35
1/2"	109.57	123.04	115.25	128.28	155.06	164.29	125.24	125.65	155.36	155.06
3/4"	134.73	152.68	140.41	157.43	182.53	202.16	157.40	150.81	180.52	180.22
1"	177.15	204.20	182.83	217.81	221.97	265.72	199.82	205.55	232.06	243.44
1 1/4"	253.95	280.99	259.63	294.61		380.91	276.62	282.34	308.86	320.23
1 1/2"	329.51	356.55	335.19	370.16		494.29	362.30	357.90	384.42	395.80
2"	607.64	634.69	613.32			911.46	607.64	636.04	670.11	673.93
2 1/2"	1,195.26	1,249.84								
3"*	1,195.26	1,249.84								

BRONZE BODY, STAINLESS BALL/STEM AND OTHER OPTIONS										
MODEL	BA-350S	BA-350S-LD	BA-350S-MS	BA-350S-OH	BA-350S-LO	BA-350S-RVH	BA-350S-SH	BA-350S-XH	BA-350S-XM	BA-350S-TIH
SIZE	STAINLESS STEEL BALL & STEM	W/ LOCKING HANDLE	W/ MEMORY STOP	W/ OVAL HANDLE	W/ OVAL LOCKING HANDLE	REVERSE OPERATION HANDLE	W/ STAINLESS HANDLE	W/ XH STEM EXTENSION	W/ STEM EXTENSION & MEM. STOP	W/ INSULATOR HANDLE & MEM.STOP
3/8"	124.86	138.32	130.53	143.57	182.03	187.35	136.20	140.93	170.64	170.34
1/2"	155.51	168.98	161.19	174.23	212.68	233.31	166.85	171.59	201.30	201.01
3/4"	185.17	203.12	190.85	207.87	246.70	277.67	200.84	201.25	230.96	230.66
1"	269.13	296.18	274.81	309.79	330.65	403.72	291.80	297.53	324.04	335.42
1 1/4"	364.61	391.66	370.29	405.27		546.88	387.28	393.01	419.52	430.90
1 1/2"	463.41	490.45	469.09	504.07		695.16	486.08	491.81	518.32	529.70
2"	756.63	783.68	762.31			1,134.95	789.42	785.03	819.10	822.90
2 1/2"	1,515.12	1,569.71								
3"*	1,515.12	1,569.71								

VALVE ACCESSORY LIST ADDERS FOR BA-350											
SUFFIX	-LD	-MS	-OH	-LO	-SH	-XH	-XM	-	-XLD	-TIH	-OC
SIZE	LOCKING HANDLE	MEMORY STOP	OVAL HANDLE	OVAL LOCKING HANDLE	SS HANDLE	STEM EXTENSION	STEM EXTENSION W/ MEMORY STOP	CHAIN LEVER HANDLE	EXTENDED LOCKING DEVICE	THERMAL INSULATOR HANDLE W/ MEMORY STOP	OXYGEN CLEANING
3/8"	13.46	5.68	18.71	57.17	11.34	16.08	45.79	19.91	68.40	45.49	76.77
1/2"	13.46	5.68	18.71	57.17	11.34	16.08	45.79	19.91	68.40	45.49	76.77
3/4"	17.95	5.68	22.69	61.52	15.67	16.08	45.79	21.74	80.72	45.49	76.77
1"	27.05	5.68	40.66	61.52	22.67	28.40	54.91	42.59	106.71	66.29	76.77
1 1/4"	27.05	5.68	40.66		22.67	28.40	54.91	42.59	106.71	66.29	76.77
1 1/2"	27.05	5.68	40.66		22.67	28.40	54.91	42.59	106.71	66.29	76.77
2"	27.05	5.68			32.79	28.40	62.47		139.54	66.29	76.77

\* Standard Port



**BA-350-TE BALL VALVE**  
**3-PIECE / FULL PORT / BRONZE BODY EXTENDED COPPER TUBE ENDS**  
**600 WOG 150 SWP**

BRONZE BODY, CHROME PLATED BALL						
MODEL	BA-350-TE	BA-350-TE-LD	BA-350-TE-OH	BA-350-TE-SH	BA-350-TE-OC	BA-350-TE-G
SIZE	EXTENDED COPPER TUBE ENDS	EXTENDED COPPER TUBE ENDS W/LOCKING HANDLE	EXTENDED COPPER TUBE ENDS W/OVAL HANDLE	EXTENDED COPPER TUBE ENDS W/SS LEVER HDLE	EXTENDED COPPER TUBE ENDS - OXYGEN CLEANED	EXTENDED COPPER TUBE ENDS WITH 1/4" GUAGE PORT
1/2"	225.64	239.11	244.36	236.98	302.42	267.48
3/4"	236.10	254.05	258.80	251.77	312.89	278.52
1"	313.83	340.88	354.49	336.50	390.62	366.64
1 1/4"	431.29	458.34	471.96	453.96	508.08	488.15
1 1/2"	513.17	540.22	553.83	535.84	589.95	579.14
2"	739.24	766.29		772.03	816.02	797.02
2 1/2"	2,444.67	2,499.25			2,521.45	2,502.97
3"	2,444.67	2,499.25			2,521.45	2,502.97

BRONZE BODY, STAINLESS BALL/STEM						
MODEL	BA-350S-TE	BA-350S-TE-LD	BA-350S-TE-OH	BA-350S-TE-SH	BA-350S-TE-OC	BA-350S-TE-G
SIZE	EXTENDED COPPER TUBE ENDS W/SS BALL & STEM	EXTENDED COPPER TUBE ENDS SS BALL & STEM W/ LOCKING HANDLE	EXTENDED COPPER TUBE ENDS SS BALL & STEM W/ OVAL HANDLE	EXTENDED COPPER TUBE ENDS SS BALL & STEM W/ SS LEVER HANDLE	EXTENDED COPPER TUBE ENDS SS BALL & STEM - OXYGEN CLEANED	EXTENDED COPPER TUBE ENDS W/SS BALL & STEM W /1/4" GUAGE PORT
1/2"	255.65	269.11	274.36	266.99	332.43	297.85
3/4"	288.53	306.48	311.23	304.20	365.31	330.94
1"	410.50	437.55	451.16	433.17	487.28	463.30
1 1/4"	544.02	571.07	584.69	566.69	620.81	601.22
1 1/2"	656.99	684.03	697.65	679.66	733.77	703.28
2"	905.65	932.69		938.43	982.43	954.23
2 1/2"	2,762.04	2,816.63			2,838.82	2,819.84
3"	2,762.04	2,816.63			2,838.82	2,819.84

VALVE ACCESSORY LIST ADDERS FOR BA-350-TE					
SUFFIX	-LD	-OH	-LO	-SH	-OC
SIZE	LOCKING HANDLE	OVAL HANDLE	OVAL LOCKING HANDLE	STAINLESS HANDLE	OXYGEN CLEANING
1/2"	13.46	18.71	57.17	11.34	76.77
3/4"	17.95	22.69	61.52	15.67	76.77
1"	27.05	40.66	61.52	22.67	76.77
1 1/4"	27.05	40.66		22.67	76.77
1 1/2"	27.05	40.66		22.67	76.77
2"	27.05			32.79	76.77
2 1/2"	54.58				76.77
3"	54.58				76.77

**BA-400 SERIES BALL VALVE**  
**2-PIECE / FULL PORT\*\* / BRONZE BODY / THREADED**  
**600 WOG 150 SWP**

BRONZE BODY, CHROME PLATED BALL										
MODEL	BA-400	BA-400-LD	BA-400-MS	BA-400-OH	BA-400-LO	BA-400-RVH	BA-400-SH	BA-400-TH	BA-400-XH	BA-400-XM
SIZE	CHROME PLATED BALL	W/ LOCKING HANDLE	W/ MEMORY STOP	W/ OVAL HANDLE	W/ OVAL LOCKING HANDLE	REVERSE OPERATION HANDLE	W/ STAINLESS HANDLE	W/ "T" HANDLE	W/ XH STEM EXTENSION	W/ STEM EXTENSION & MEM. STOP
1/4"	---Use BA-100 List Pricing** ---									
3/8"										
1/2"										
3/4"										
1"	67.88	85.83	73.56	108.54		126.31	90.55	105.72	96.28	122.79
1 1/4"	198.35	225.39	204.03	239.01		299.20	221.01		226.75	253.26
1 1/2"	255.22	282.27	260.90	295.89		385.30	277.89		283.62	310.13
2"	435.56	462.60	441.24			657.52	468.35		463.95	498.03

BRONZE BODY, STAINLESS BALL/STEM AND OTHER OPTIONS											
MODEL	BA-400S	BA-400S-LD	BA-400S-MS	BA-400S-OH	BA-400S-LO	BA-400S-RVH	BA-400S-SH	BA-400S-TH	BA-400S-XH	BA-400S-XM	BA-400S3
SIZE	STAINLESS STEEL BALL & STEM	W/ LOCKING HANDLE	W/ MEMORY STOP	W/ OVAL HANDLE	W/ OVAL LOCKING HANDLE	REVERSE OPERATION HANDLE	W/ SS HANDLE	W/ "T" HANDLE	W/ XH STEM EXTENSION	W/ STEM EXTENSION & MEM. STOP	W/ 03 SEATS
1/4"	---Use BA-100S List Pricing** ---										
3/8"											
1/2"											
3/4"											
1"	122.19	140.14	127.87	162.85	183.72	227.19	144.86	160.04	150.59	177.10	163.82
1 1/4"	303.32	330.37	309.00			455.04	325.99		331.72	358.23	344.95
1 1/2"	364.16	391.20	369.84			546.18	386.82		392.55	419.07	409.41
2"	609.71	636.75	615.39			914.60	638.10		643.78	672.18	660.39

VALVE ACCESSORY LIST ADDERS FOR BA-400												
SUFFIX	-LD	-MS	-OH	-LO	-SH	-TH	-XH	-XM	-XLD	-	-TIH	3
SIZE	LOCKING HANDLE	MEMORY STOP	OVAL HANDLE	OVAL LOCKING HANDLE	SS HANDLE	"T" HANDLE	STEM EXTENSION	STEM EXTENSION W/ MEMORY STOP	EXTENDED LOCKING DEVICE	CHAIN LEVER HANDLE	THERMAL INSULATOR HANDLE W/MEMORY STOP	03 Seats*
1"	27.05	5.68	40.66	61.52	22.67	37.85	28.40	54.91	106.71	42.59	62.93	41.63
1 1/4"	27.05	5.68	40.66		22.67	37.85	28.40	54.91	106.71	42.59	62.93	41.63
1 1/2"	27.05	5.68	40.66		22.67	37.85	28.40	54.91	106.71	42.59	62.93	45.25
2"	27.05	5.68			32.79		28.40	62.47	139.54		62.93	50.69

\*Requires Stainless Steel Trim Only

\*\*All 1/4" thru 3/4" BA100 and BA400 series products are full port and identical in these sizes.

**BA-400-P2 SERIES BALL VALVE**  
**2-PIECE / FULL PORT\* / BRONZE BODY / PRESS x PRESS**  
**200 PSIG @ 250° F**

BRONZE BODY, CHROME PLATED BALL									
MODEL	BA-400-P2	BA-400-P2-LD	BA-400-P2-MS	BA-400-P2-OH	BA-400-P2-SH	BA-400-P2-TH	BA-400-P2-XH	BA-400-P2-XM	BA-400-P2-TIH
SIZE	CHROME PLATED BALL	W/ LOCKING HANDLE	W/ MEMORY STOP	W/ OVAL HANDLE	W/ STAINLESS HANDLE	W/ "T" HANDLE	W/ XH STEM EXTENSION	W/ STEM EXTENSION & MEM. STOP	W/THERMAL INSULATOR HANDLE W/MEMORY STOP
1/2"	---Use BA-100-P2 List Prices*---								
3/4"	---Use BA-100-P2 List Prices*---								
1"	117.41	144.46	123.09	158.08	140.08	155.26	145.81	172.32	180.34
1 1/4"	296.29	323.33	301.97	336.95	318.95		324.69	351.20	359.22
1 1/2"	366.89	393.93	372.56	407.56	389.55		395.28	421.79	429.82
2"	598.57	625.62	604.25		631.36		626.97	661.04	661.50

BRONZE BODY, STAINLESS BALL/STEM AND OTHER OPTIONS									
MODEL	BA-400S-P2	BA-400S-P2-LD	BA-400S-P2-MS	BA-400S-P2-OH	BA-400S-P2-SH	BA-400S-P2-TH	BA-400S-P2-XH	BA-400S-P2-XM	BA-400S-P2-TIH
SIZE	STAINLESS STEEL BALL & STEM	W/ LOCKING HANDLE	W/ MEMORY STOP	W/ OVAL HANDLE	W/ SS HANDLE	W/ "T" HANDLE	W/ XH STEM EXTENSION	W/ STEM EXTENSION & MEM. STOP	W/THERMAL INSULATOR HANDLE W/MEMORY STOP
1/2"	---Use BA-100S-P2 List Prices*---								
3/4"	---Use BA-100S-P2 List Prices*---								
1"	171.72	198.77	177.40	212.39	194.39	209.57	200.12	226.63	234.66
1 1/4"	401.26	428.31	406.94		423.93		429.66	456.17	464.19
1 1/2"	475.82	502.87	481.50		498.49		504.22	530.73	538.76
2"	772.73	799.78	778.40		805.52		801.12	835.20	835.66

**FOR A COMPLETE LIST OF ACCESSORIES AVAILABLE FOR BA-400-P2 SERIES SEE PAGE 10 (BA-400 SERIES)**

\*1/2" & 3/4" BA100 and BA400 series products are full port and identical in these sizes.

**BA-450 SERIES BALL VALVE**  
**2-PIECE / FULL PORT\* / BRONZE BODY / SOLDER**  
**600 WOG 150 SWP**

BRONZE BODY, CHROME PLATED BALL										
MODEL	BA-450	BA-450-LD	BA-450-MS	BA-450-OH	BA-450-LO	BA-450-RVH	BA-450-SH	BA-450-TH	BA-450-XH	BA-450-XM
SIZE	CHROME PLATED BALL	W/ LOCKING HANDLE	W/ MEMORY STOP	W/ OVAL HANDLE	W/ OVAL LOCKING HANDLE	REVERSE OPERATION HANDLE	W/ STAINLESS HANDLE	W/ "T" HANDLE	W/ XH STEM EXTENSION	W/ STEM EXTENSION & MEM. STOP
3/8"	---Use BA-150 List Prices*---									
1/2"	---Use BA-150 List Prices*---									
3/4"	---Use BA-150 List Prices*---									
1"	67.88	85.84	73.56	108.54		126.31	90.55	105.72	96.28	122.79
1 1/4"	198.35	225.39	204.03			299.20	221.01		226.75	253.26
1 1/2"	255.22	282.27	260.90			385.30	277.89		283.62	310.13
2"	435.56	462.60	441.24			657.52	468.35		463.95	498.03

BRONZE BODY, STAINLESS BALL/STEM										
MODEL	BA-450S	BA-450S-LD	BA-450S-MS	BA-450S-OH	BA-450S-LO	BA-450S-RVH	BA-450S-SH	BA-450S-TH	BA-450S-XH	BA-450S-XM
SIZE	STAINLESS STEEL BALL & STEM	W/ LOCKING HANDLE	W/ MEMORY STOP	W/ OVAL HANDLE	W/ OVAL LOCKING HANDLE	REVERSE OPERATION HANDLE	W/STAINLESS HANDLE	W/ "T" HANDLE	W/ XH STEM EXTENSION	W/ STEM EXTENSION & MEM. STOP
3/8"	---Use BA-150S List Prices*---									
1/2"	---Use BA-150S List Prices*---									
3/4"	---Use BA-150S List Prices*---									
1"	122.19	140.14	127.87	162.85	183.72	227.18	144.86	160.04	150.59	177.10
1 1/4"	303.32	330.37	309.00			455.04	325.99		331.72	358.23
1 1/2"	364.16	391.20	369.84			546.18	386.82		392.55	419.07
2"	609.71	636.75	615.39			914.60	638.10		643.78	672.18

VALVE ACCESSORY LIST ADDERS FOR BA-450											
SUFFIX	-LD	-MS	-OH	-LO	-SH	-TH	-XH	-XM	-XLD	-	-TIH
SIZE	LOCKING HANDLE	MEMORY STOP	OVAL HANDLE	OVAL LOCKING HANDLE	SS HANDLE	"T" HANDLE	STEM EXTENSION	STEM EXTENSION W/ MEMORY STOP	EXTENDED LOCKING DEVICE	CHAIN LEVER HANDLE	THERMAL INSULATOR HANDLE W/MEMORY STOP
1"	27.05	5.68	40.66	61.52	22.67	37.85	28.40	54.91	106.71	42.59	62.93
1 1/4"	27.05	5.68	40.66		22.67	37.85	28.40	54.91	106.71	42.59	62.93
1 1/2"	27.05	5.68	40.66		22.67	37.85	28.40	54.91	106.71	42.59	62.93
2"	27.05	5.68			32.79		28.40	62.47	139.54		62.93

\* All 3/8" thru 3/4" BA150 and BA450 series products are full port and identical in these sizes.

**BA475B/BA485B**  
**2-PIECE / FULL PORT / BRASS BODY**  
**600 WOG**

THREADED-CSA/AGA/UL/FM/CGA					
MODEL	BA-475B	BA-475B-MS	BA-475B-TH	BA-475B-XH	BA-475B-LL
SIZE	CHROME PLATED BALL	W/ MEMORY STOP	W/ T-HANDLE	W/ STEM EXTENSION & MEM. STOP	W/ CGA APPROVED LOCKING HANDLE - LOCKED CLOSED
1/4"	35.76	42.76	44.22	57.52	52.64
3/8"	35.76	42.76	44.22	57.52	52.64
1/2"	35.76	42.76	44.22	57.52	52.64
3/4"	49.81	57.31	58.27	76.39	72.39
1"	84.24	91.73	92.69	110.81	118.09
1 1/4"	135.12	142.63	143.58	161.70	179.59
1 1/2"	169.82	177.33		196.40	214.29
2"	232.66	242.05		268.93	277.13
2 1/2"	902.16	911.57		972.26	946.64
3"	1,322.36	1,331.75		1,392.45	1,366.84
4"	1,362.61				

SOLDER					
MODEL	BA-485B	BA-485B-MS	BA-485B-TH	BA-485B-XH	BA-485B-LL
SIZE	CHROME PLATED BALL	W/ MEMORY STOP	W/ T-HANDLE	W/ STEM EXTENSION & MEM. STOP	W /LOCKING HANDLE
1/2"	35.76	42.76	44.21	57.52	52.64
3/4"	49.81	57.31	58.27	76.39	72.39
1"	84.24	91.73	92.69	110.81	118.09
1 1/4"	135.12	142.63	143.58	161.70	179.59
1 1/2"	169.82	179.22		196.40	214.29
2"	232.66	242.05		268.93	277.13
2 1/2"	902.16			972.26	946.64
3"	1,322.36			1,392.45	1,366.84
4"	1,362.61				

VALVE ACCESSORY LIST ADDERS FOR BA-475B & BA-485B					
SUFFIX	-MS	-TH	-XH	-LL	-TIH
SIZE	MEMORY STOP	T-HANDLE	STEM EXTENSION W/ MEMORY STOP	LOCKING HANDLE	THERMAL INSULATOR HANDLE W /MEMORY STOP
1/4" - 1/2"	7.01	8.45	21.76	16.89	45.13
3/4" - 1"	7.50	8.45	26.58	22.58	45.13
1 1/4 - 1 1/2"	7.50	8.45	26.58	33.86	64.87
2"	9.39	8.45	36.27	44.46	64.87
2-1/2"	9.39		70.08	44.46	
3"	9.39		70.08	44.46	



**ULTRAPRESS BA480B/BA490B Series**  
**2-PIECE / BRASS BODY / FULL PORT / 200 PSIG @ 250° F**

PRESS X PRESS END						
MODEL	BA-480B	BA-481B*	BA-480S	BA-481S*	BA-480B-TIH	BA-480S-TIH
SIZE	CHROME PLATED BALL	W/ STEM EXTENSION & MEMORY STOP	STAINLESS BALL & STEM	W/ STEM EXTENSION & MEMORY STOP	W/ THERMAL INSULATOR HANDLE & MEMORY STOP	STAINLESS TRIM W/ THERMAL INSULATOR HANDLE & MEMORY STOP
1/2"	36.71	58.45	56.87	78.63	81.84	101.99
3/4"	55.76	82.35	101.07	127.67	100.89	146.19
1"	80.68	112.49	135.82	162.41	125.80	180.95
1 1/4"	165.96	202.24	273.24	299.82	230.82	338.10
1 1/2"	221.07	257.31	334.81	361.42	285.94	399.67
2"	380.47	450.53	560.67	596.93	445.34	625.54
2 1/2"	949.34	1,019.42				
3"	1,220.07	1,290.16				

PRESS X THREADED END (FNPT)					
MODEL	BA-490B	BA-491B*	BA-490S	BA-491S*	BA-490B-TIH
SIZE	CHROME PLATED BALL	W/ STEM EXTENSION & MEMORY STOP	STAINLESS BALL & STEM	W/ STEM EXTENSION & MEMORY STOP	W/ THERMAL INSULATOR HANDLE & MEMORY STOP
1/2"	32.79	54.58	53.69	75.47	77.92
3/4"	50.49	72.26	94.77	121.34	95.63
1"	72.80	99.39	127.93	154.54	117.92
1 1/4"	148.94	175.49	255.86	282.44	213.80
1 1/2"	198.77	235.02	311.12	337.71	263.64
2"	341.10	377.38	521.19	557.44	405.98

PRESS X HOSE END W/ CAP AND CHAIN		
MODEL	BA-480BH	BA-480SH
SIZE	CHROME PLATED BALL	STAINLESS STEEL BALL & STEM
1/2"	57.29	78.98
3/4"	76.33	123.20

VALVE ACCESSORY LIST ADDERS FOR BA-480B & BA-490B					
SUFFIX	-MS	-TH	-XH	-LL	-TIH
SIZE	MEMORY STOP	T-HANDLE	STEM EXTENSION W/ MEMORY STOP	LOCKING HANDLE	THERMAL INSULATOR HANDLE W/ MEMORY STOP
1/4" - 1/2"	7.01	8.45	21.76	16.88	45.13
3/4" - 1"	7.01	8.45	26.58	22.58	45.13
1 1/4" - 1-1/2"	7.50	8.45	26.58	33.86	64.87
2"	9.39	8.45	36.27	44.46	64.87

\* Model BA-481B and BA-491B include extension stem w/memory stop

**BA500/BA550 SERIES**  
**2-PIECE / FLANGED/ BRASS BODY 600 WOG**  
**SOLD IN PKG'S OF 2 INCLUDES 4 BOLTS & NUTS**  
**PLUS ONE "T" Handle**

<b>BA-500</b>				
<b>BRASS BODY, CHROME PLATED BALL, THREADED ENDS</b>				
<b>FLANGED X THREADED ISOLATION VALVE</b>				
SIZE	PRICE FOR SET OF 2	SETS PER CARTON	TOTAL VALVES PER CARTON	CARTON WEIGHT
3/4"	113.70	12	24	44
1"	126.27	12	24	48
1 1/4"	192.68	8	16	38

<b>BA-550</b>				
<b>BRASS BODY, CHROME PLATED BALL, THREADED ENDS</b>				
<b>FLANGED X SOLDER ISOLATION VALVE</b>				
SIZE	PRICE FOR SET OF 2	SETS PER CARTON	TOTAL VALVES PER CARTON	CARTON WEIGHT
3/4"	113.70	12	24	44
1"	126.27	12	24	48
1 1/4"	192.68	8	16	38

### BA260 SERIES BALL VALVES

2-PIECE / STAINLESS STEEL, FULL-PORT,  
PTFE PACKING, RPTFE SEATS,  
LOCKING HANDLE, THREADED ENDS  
1000 WOG

BA-260	
SIZE	LIST
1/4"	56.04
3/8"	56.04
1/2"	58.62
3/4"	91.75
1"	119.77
1 1/4"	198.75
1 1/2"	236.96
2"	318.49
2 1/2"	820.43
3"	968.21

### BA3WDSLH 3-WAY DIVERTER VALVE

STAINLESS STEEL 3-WAY DIVERTER,  
SINGLE REDUCED PORT, "L" PORT, FNPT ENDS,  
PTFE PACKING, LOCKING HANDLE  
1000 WOG

BA3WDSLH	
SIZE	LIST
3/8"	239.03
1/2"	247.20
3/4"	320.48
1"	434.60
1 1/4"	597.58
1 1/2"	717.11
2"	964.25

### 10 SERIES BALL VALVES-SS & CS

UNI-BODY, DOUBLE REDUCED BORE, RPTFE SEATS,  
GRAFOIL PACKING, LOCKING HANDLE  
FIRESAFE TO API 607, 2000# WOG

MODEL	CARBON STEEL BODY W/ SS TRIM				STAINLESS STEEL BODY & BALL			
	10CSOD-02-LL		10CSOD-02-OH		10SSOD-02-LL		10SSOD-02-OH	
	CS BODY STAINLESS STEEL BALL & STEM LOCKING HANDLE THREADED ENDS		CS BODY STAINLESS STEEL BALL & STEM OVAL HANDLE THREADED ENDS		SS BODY STAINLESS STEEL BALL & STEM LOCKING HANDLE THREADED ENDS		SS BODY STAINLESS STEEL BALL & STEM OVAL HANDLE THREADED ENDS	
SIZE	PART #	LIST	PART #	LIST	PART #	LIST	PART #	LIST
1/4"	19200	86.99	Consult Factory		19500	97.60	Consult Factory	
3/8"	19201	86.99	Consult Factory		19501	97.60	Consult Factory	
1/2"	19202	86.99	19212	100.20	19502	97.60	19512	116.02
3/4"	19203	100.20	19213	110.74	19503	123.96	19513	137.14
1"	19204	121.29	19214	134.49	19504	152.97	19514	166.12
1 1/4"	19205	245.25	Consult Factory		19505	261.07	Consult Factory	
1 1/2"	19206	258.44	Consult Factory		19506	340.19	Consult Factory	
2"	19207	324.35	Consult Factory		19507	395.57	Consult Factory	



**20 SERIES BALL VALVES - BRONZE BODY**  
**2-PIECE, SINGLE-REDUCED BORE, RPTFE SEATS, FNPT ENDS,**  
**PTFE V-RING PACKING, ACTUATOR MOUNTING PADS 600 WOG**

BRONZE BODY, CHROME PLATED BALL										
MODEL	20BBOR-02		20BBOR-02-LL		20BBOR-02-OH		20BBOR-02-LO		20BBOR-02-XH	
	CHROME PLATED BALL		W/ LOCKING HANDLE		W/ OVAL HANDLE		W/ LOCKING OVAL HANDLE		W/ STEM EXTENSION	
SIZE	PART #	LIST	PART #	LIST	PART #	LIST	PART #	LIST	PART #	LIST
1/4"	<b>100</b>	52.49	<b>1100</b>	66.41	<b>1110</b>	79.24	<b>1120</b>	82.30	<b>1130</b>	88.29
3/8"	<b>101</b>	52.49	<b>1101</b>	66.41	<b>1111</b>	79.24	<b>1121</b>	82.30	<b>1131</b>	88.29
1/2"	<b>102</b>	52.49	<b>1102</b>	66.41	<b>1112</b>	79.24	<b>1122</b>	82.30	<b>1132</b>	88.29
3/4"	<b>103</b>	81.85	<b>1103</b>	103.11	<b>1113</b>	109.49	<b>1123</b>	112.36	<b>1133</b>	120.41
1"	<b>104</b>	96.54	<b>1104</b>	117.80	<b>1114</b>	124.18	<b>1124</b>	127.05	<b>1134</b>	135.11
1 1/4"	<b>105</b>	159.53	<b>1105</b>	184.46	<b>1115</b>	199.63	<b>1125</b>	185.8245	<b>1135</b>	201.39
1 1/2"	<b>106</b>	197.27	<b>1106</b>	222.19	<b>1116</b>	237.36	<b>1126</b>	243.3973	<b>1136</b>	239.12
2"	<b>107</b>	241.37	<b>1107</b>	266.29	<b>1117</b>	281.46	<b>1127</b>	287.5	<b>1137</b>	283.22

BRONZE BODY, STAINLESS STEEL BALL										
MODEL	20BSOR-02		20BSOR-02-LL		20BSOR-02-OS		20BSOR-02-LO		20BSOR-02-XH	
	STAINLESS STEEL BALL & STEM		W/ LOCKING LOCK HANDLE		W/ STAINLESS STEEL OVAL HANDLE		W/ LOCKING OVAL HANDLE		W/ STEM EXTENSION	
SIZE	PART #	LIST	PART #	LIST	PART #	LIST	PART #	LIST	PART #	LIST
1/4"	<b>2100</b>	73.45	<b>3100</b>	87.38	<b>3230</b>	100.21	<b>3110</b>	103.26	<b>3120</b>	109.26
3/8"	<b>2101</b>	73.45	<b>3101</b>	87.38	<b>3231</b>	100.21	<b>3111</b>	103.26	<b>3121</b>	109.26
1/2"	<b>2102</b>	73.45	<b>3102</b>	87.38	<b>3232</b>	100.21	<b>3112</b>	103.26	<b>3122</b>	109.26
3/4"	<b>2103</b>	123.84	<b>3103</b>	145.11	<b>3233</b>	151.49	<b>3113</b>	154.35	<b>3123</b>	162.41
1"	<b>2104</b>	151.09	<b>3104</b>	172.35	<b>3234</b>	178.74	<b>3114</b>	181.60	<b>3124</b>	189.66
1 1/4"	<b>2105</b>	235.05	<b>3105</b>	259.98	<b>3235</b>	275.14	<b>3115</b>	281.18	<b>3125</b>	273.62
1 1/2"	<b>2106</b>	310.64	<b>3106</b>	335.56	<b>3236</b>	350.73	<b>3116</b>	356.77	<b>3126</b>	352.49
2"	<b>2107</b>	436.58	<b>3107</b>	461.51	<b>3237</b>	476.68	<b>3117</b>	482.72	<b>3127</b>	478.44

**FOR ACCESSORIES & OPTIONS, PLEASE SEE PAGE 22**

**20 SERIES BALL VALVES - STAINLESS & CARBON**  
**2-PIECE, SINGLE-REDUCED BORE, NXT 75 SEATS, FNPT ENDS**  
**PTFE V-RING PACKING, ACTUATOR MOUNTING PADS**  
**2000 WOG-1/4" - 1" 1500 WOG- 1-1/4" - 2"**

STAINLESS STEEL BODY(CF8M)					
MODEL	20SSOR-N1	20SSOR-N1-LL	20SSOR-N1-OH	20SSOR-N1-LO	20SSOR-N1-XH
SIZE	SS BODY, SS BALL/STEM	W/ LOCKING HANDLE	W/ OVAL HANDLE	W/ LOCKING OVAL HANDLE	W/ STEM EXTENSION
1/4"	106.87	121.22	134.44	137.60	143.78
3/8"	106.87	121.22	134.44	137.60	143.78
1/2"	106.87	121.22	134.44	137.60	143.78
3/4"	171.43	193.35	199.94	202.89	211.20
1"	208.20	230.11	236.70	239.65	247.96
1 1/4"	399.74	425.43	441.07	447.29	442.89
1 1/2"	413.59	439.28	454.92	461.14	456.73
2"	538.52	564.21	579.85	586.07	581.66

CARBON STEEL BODY (WCB)-CARBON BALL					
MODEL	20CCOR-N1	20CCOR-N1-LL	20CCOR-N1-OH	20CCOR-N1-LO	20CCOR-N1-XH
SIZE	CS BODY, CS BALL	W/ LOCKING HANDLE	W/ OVAL HANDLE	W/ LOCKING OVAL HANDLE	W/ STEM EXTENSION
1/4"	74.94	89.30	102.52	105.67	111.86
3/8"	74.94	89.30	102.52	105.67	111.86
1/2"	77.71	92.06	105.29	108.43	114.62
3/4"	111.03	132.95	139.53	142.48	150.78
1"	144.36	166.28	172.86	175.81	184.11
1 1/4"	269.27	294.96	310.60		312.41
1 1/2"	335.87	361.56	377.20		379.01
2"	452.46	478.16	493.80		495.62

CARBON STEEL BODY(WCB)-STAINLESS BALL					
MODEL	20CSOR-N1	20CSOR-N1-LL	20CSOR-N1-OH	20CSOR-N1-LO	20CSOR-N1-XH
SIZE	CS BODY, SS BALL/STEM	W/ LOCKING HANDLE	W/ OVAL HANDLE	W/LOCKING OVAL HANDLE	W/ STEM EXTENSION
1/4"	74.94	89.30	102.52	105.67	111.86
3/8"	74.94	89.30	102.52	105.67	111.86
1/2"	77.71	92.06	105.29	108.43	114.62
3/4"	111.03	132.95	139.53	142.48	150.78
1"	144.36	166.28	172.86	175.81	184.12
1 1/4"	269.27	294.96	310.60	316.81	312.41
1 1/2"	335.87	361.56	377.20	383.42	379.01
2"	452.46	478.16	493.80	500.02	495.62

**FOR ACCESSORIES & OPTIONS, PLEASE SEE PAGE 22**

**22 SERIES BALL VALVES - STAINLESS & CARBON**  
**2-PIECE SEAL WELDED, SINGLE-REDUCED BORE, RPTFE SEATS, FNPT ENDS**  
**PTFE V-RING PACKING, ACTUATOR MOUNTING PADS**  
**2000 WOG-1/4" - 1" 1500 WOG- 1-1/4" - 2"**

CARBON STEEL BODY(WCB), SS BALL & STEM W/ SEAL WELDED TAILPIECE										
MODEL	22CSOR-02		22CSOR-02-LL		22CSOR-02-OH		22CSOR-02-LO		22CSOR-02-XH	
	STANDARD LEVER HANDLE		W/LOCKING HANDLE		W/ OVAL HANDLE		W /LOCKING OVAL HANDLE		W/ STEM EXTENSION	
SIZE	PART #	LIST	PART #	LIST	PART #	LIST	PART #	LIST	PART #	LIST
1/4"	10100	115.70	11100	130.05	11160	143.28	11090	146.43	CF	152.62
3/8"	10101	115.70	11101	130.05	11161	143.28	11091	146.43	CF	152.62
1/2"	10102	115.70	11102	130.05	11162	143.28	11092	146.43	CF	152.62
3/4"	10103	170.96	11103	192.88	11163	199.46	11093	202.42	CF	210.72
1"	10104	228.86	11104	250.78	11164	257.36	11094	260.31	CF	268.62
1 1/4"	10105	347.70	11105	373.39	11165	389.03			CF	390.85
1 1/2"	10106	445.01	11106	470.70	11166	486.34			CF	488.15
2"	10107	579.15	11107	604.84	11167	620.48			CF	622.29

STAINLESS STEEL BODY(WCB), SS BALL & STEM W/ SEAL WELDED TAILPIECE										
MODEL	22SSOR-02		22SSOR-02-LL		22SSOR-02-OH		22SSOR-02-LO		22SSOR-02-XH	
	STANDARD LEVER HANDLE		W/ LOCKING HANDLE		W/ OVAL HANDLE		W/ LOCKING OVAL HANDLE		W/ STEM EXTENSION	
SIZE	PART #	LIST	PART #	LIST	PART #	LIST	PART #	LIST	PART #	LIST
1/4"	12100	255.36	13100	269.71	13150	282.94	12120	286.09	CF	292.27
3/8"	12101	255.36	13101	269.71	13151	282.94	12121	286.09	CF	292.27
1/2"	12102	277.28	13102	291.63	13152	304.86	12122	308.01	CF	314.19
3/4"	12103	345.99	13103	367.91	13153	374.49	12123	377.44	CF	385.75
1"	12104	507.82	13104	529.74	13154	536.33	12124	539.28	CF	547.58
1 1/4"	12105	691.64	13105	717.33	13155	732.97			CF	734.78
1 1/2"	12106	900.58	13106	926.27	13156	941.91			CF	943.73
2"	12107	1,095.46	13107	1,121.15	13157	1,136.79	12127	1,143.02	CF	1,138.61

**FOR ACCESSORIES, PLEASE SEE PAGE 22**

**30 SERIES BALL VALVES - BRONZE BODY**  
**3-PIECE, FULL BORE, RPTFE SEATS, FNPT ENDS**  
**PTFE V-RING PACKING, ACTUATOR MOUNTING PADS**  
**600 WOG**

BRONZE BODY - CHROME PLATED BALL								
MODEL	30BBOF-02		30BBOF-02-LL		30BB1F-02		30BB1F-02-LL	
	NPT ENDS		NPT ENDS W/ LOCKING HANDLE		SOLDER ENDS		SOLDER ENDS W/ LOCKING HANDLE	
SIZE	PART #	LIST	PART #	LIST	PART #	LIST	PART #	LIST
1/4"	<b>30100</b>	116.20						
3/8"	<b>30101</b>	116.20			<b>30131</b>	116.20		
1/2"	<b>30102</b>	116.20	<b>31102</b>	130.13	<b>30132</b>	116.20	<b>30122</b>	130.13
3/4"	<b>30103</b>	142.63	<b>31103</b>	163.90	<b>30133</b>	142.63	<b>30123</b>	163.90
1"	<b>30104</b>	187.87	<b>31104</b>	209.14	<b>30134</b>	187.87	<b>30124</b>	209.14
1 1/4"	<b>30105</b>	269.59	<b>31105</b>	294.52	<b>30135</b>	269.59	<b>30125</b>	294.52
1 1/2"	<b>30106</b>	347.90	<b>31106</b>	372.82	<b>30136</b>	347.90	<b>30126</b>	372.82
2"	<b>30107</b>	641.02	<b>31107</b>	665.94	<b>30137</b>	641.02	<b>30127</b>	665.94

BRONZE BODY - STAINLESS STEEL BALL								
MODEL	30BSOF-02		30BSOF-02-LL		30BS1F-02		30BS1F-02-LL	
	NPT ENDS		NPT ENDS W LOCKING HANDLE		SOLDER ENDS		SOLDER ENDS W /LOCKING HANDLE	
SIZE	PART #	LIST	PART #	LIST	PART #	LIST	PART #	LIST
1/4"	<b>32100</b>	164.91						
3/8"	<b>32101</b>	164.91			<b>32501</b>	164.91		
1/2"	<b>32102</b>	164.91	<b>33102</b>	178.84	<b>32502</b>	164.91	<b>32532</b>	178.84
3/4"	<b>32103</b>	196.56	<b>33103</b>	217.82	<b>32503</b>	196.56	<b>32533</b>	217.82
1"	<b>32104</b>	286.32	<b>33104</b>	307.58	<b>32504</b>	286.32	<b>32534</b>	307.58
1 1/4"	<b>32105</b>	386.68	<b>33105</b>	411.60	<b>32505</b>	386.68	<b>32535</b>	411.60
1 1/2"	<b>32106</b>	494.90	<b>33106</b>	519.82	<b>32506</b>	494.90	<b>32536</b>	519.82
2"	<b>32107</b>	804.48	<b>33107</b>	829.41	<b>32507</b>	804.48	<b>32537</b>	829.41

**FOR ACCESSORIES & OPTIONS, PLEASE SEE PAGE 22**

**30 SERIES BALL VALVES - CARBON/STAINLESS BODY, REV A**  
**3-PIECE, FULL BORE, RPTFE SEATS, FNPT ENDS**  
**PTFE V-RING PACKING, ACTUATOR MOUNTING PADS**  
**1000 WOG**

STAINLESS STEEL BODY & BALL								
MODEL	30SSOF-02		30SSOF-02-LL		30SS1F-02		30SS1F-02-LL	
	NPT ENDS		NPT ENDS W/LOCKING HANDLE		SOCKET WELD ENDS		SOCKET WELD ENDS W/ LOCKING HANDLE	
SIZE	PART #	LIST	PART #	LIST	PART #	LIST	PART #	LIST
1/4"	38100A	305.38	39100A	319.73				
3/8"	38101A	305.38	39101A	319.73	39141A	305.38	39111A	319.73
1/2"	38102A	305.38	39102A	319.73	39142A	305.38	39112A	319.73
3/4"	38103A	441.53	39103A	463.44	39143A	441.53	39113A	463.44
1"	38104A	530.03	39104A	551.96	39144A	530.03	39114A	551.96
1 1/4"	38105A	610.74	39105A	636.43	39145A	610.74	39115A	636.43
1 1/2"	38106A	855.40	39106A	881.09	39146A	855.40	39116A	881.09
2"	38107A	1,112.99	39107A	1,138.68	39147A	1,112.99	39117A	1,138.68

CARBON STEEL BODY & CHROME PLATED BALL								
MODEL	30CCOF-02		30CCOF-02-LL		30CC1F-02		30CC1F-02-LL	
	NPT ENDS		NPT ENDS W/LOCKING HANDLE		SOCKET WELD ENDS		SOCKET WELD ENDS W/ LOCKING HANDLE	
SIZE	PART #	LIST	PART #	LIST	PART #	LIST	PART #	LIST
1/4"	34100A	170.16	35100A	184.52				
3/8"	34101A	170.16	35101A	184.52	35091A	170.16	35121A	184.52
1/2"	34102A	170.16	35102A	184.52	35092A	170.16	35122A	184.52
3/4"	34103A	227.66	35103A	249.58	35093A	227.66	35123A	249.58
1"	34104A	288.67	35104A	310.59	35094A	288.67	35124A	310.59
1 1/4"	34105A	444.15	35105A	469.84	35095A	444.15	35125A	469.84
1 1/2"	34106A	507.99	35106A	533.68	35096A	507.99	35126A	533.68
2"	34107A	655.10	35107A	680.80	35097A	655.10	35127A	680.80

CARBON STEEL BODY & STAINLESS STEEL BALL								
MODEL	30CSOF-02		30CSOF-02-LL		30CS1F-02		30CS1F-02-LL	
	NPT ENDS		NPT ENDS W/ LOCKING HANDLE		SOCKET WELD ENDS		SOCKET WELD ENDS W/ LOCKING HANDLE	
SIZE	PART #	LIST	PART #	LIST	PART #	LIST	PART #	LIST
1/4"	36100A	170.16	37100A	184.52				
3/8"	36101A	170.16	37101A	184.52	36501A	170.16	36521A	184.52
1/2"	36102A	170.16	37102A	184.52	36502A	170.16	36522A	184.52
3/4"	36103A	227.66	37103A	249.58	36503A	227.66	36523A	249.58
1"	36104A	288.67	37104A	310.58	36504A	288.67	36524A	310.58
1 1/4"	36105A	444.15	37105A	469.84	36505A	444.15	36525A	469.85
1 1/2"	36106A	507.99	37106A	533.68	36506A	507.99	36526A	533.68
2"	36107A	655.10	37107A	680.80	36507A	655.10	36527A	680.80

**FOR ACCESSORIES & OPTIONS, PLEASE SEE PAGE 22**

**20/22/30 SERIES OPTIONS & ACCESSORIES**  
**FOR BRONZE, STAINLESS & CARBON INDUSTRIAL BALL VALVES**  
**ADD TO LIST PRICE OF VALVE**

VALVE ACCESSORY LIST PRICE ADDERS FOR 20, 22 & 30 SERIES								20 Series	30 Series
SUFFIX	-LL	-LS	-OH	-LO	-SH	-XH	-OS	-LXH	-LXH
SIZE	SS LOCKING HANDLE	SS SPRING LOADED LOCKING HANDLE	OVAL HANDLE	STAINLESS SPRING LOADED LOCKING OVAL HANDLE	STAINLESS HANDLE	STEM EXTENSION	STAINLESS OVAL HANDLE	Locking Extension Handle (20 Series Only)	Locking Extension Handle (30 Series Only)
1/4"	14.35	30.73	27.58	30.73	10.75	36.91	33.37	246.02	N/A
3/8"	14.35	30.73	27.58	30.73	10.75	36.91	33.37	246.02	N/A
1/2"	14.35	30.73	27.58	30.73	10.75	36.91	33.37	246.02	263.59
3/4"	21.92	31.30	28.50	31.46	11.42	39.76	34.14	263.59	263.59
1"	21.92	31.30	28.50	31.46	11.42	39.76	34.14	263.59	263.59
1 1/4"	25.69	47.33	41.33	47.55	19.99	43.15	51.63	275.31	275.31
1 1/2"	25.69	47.33	41.33	47.55	19.99	43.15	51.63	275.31	275.31
2"	25.69	47.33	41.33	47.55	19.99	43.15	51.63	275.31	275.31

N/A = Not Available

INTERNAL & ASSEMBLY OPTION LIST PRICE ADDERS FOR 20, 22 & 30 SERIES								
	SEATING OPTIONS			GROUNDING OPTIONS		SPECIALTY OPTIONS		
SUFFIX	-01	-02	-03**	-GB	-GS	-AD	-VB*	-OC
SIZE	VIRGIN PTFE	REINFORCED PTFE	MULTI-FILL PTFE (STEAM SEAT)	GROUNDED BALL & STEM	GROUNDED STEM	DRY ASSEMBLY	BALL VENTING	OXYGEN CLEAN FOR 3-PC BRONZE & STAINLESS VALVES ONLY
1/4"	2.68	N/C	19.17	25.67	1.77	4.09	20.38	58.62
3/8"	2.68	N/C	19.17	25.67	1.77	4.09	20.38	58.62
1/2"	2.68	N/C	19.17	25.67	1.77	4.09	20.38	58.62
3/4"	2.68	N/C	22.54	26.05	1.89	5.45	23.10	63.65
1"	3.28	N/C	22.54	26.05	1.89	5.45	23.10	63.65
1 1/4"	3.28	N/C	28.95	26.49	2.04	6.77	36.66	71.33
1 1/2"	3.95	N/C	28.95	26.49	2.04	6.77	36.66	71.33
2"	3.95	N/C	28.95	26.49	2.04	6.77	36.66	71.33

\* Stainless Steel Ball Only

\*\* Not available on 30 BB series

**35 SERIES BALL VALVES - STAINLESS & CARBON**  
**3-PIECE, SINGLE REDUCED BORE, LIVE LOADED GRAFOIL PACKING**  
**NXT 75 SEATS, LOCKING HANDLE, ACTUATOR MOUNTING PADS**  
**API 607 6th EDITION TESTED, 2000 WOG**

CARBON STEEL BODY W/ SS TRIM			STAINLESS STEEL BODY & BALL	
MODEL	35RCS0N-LL	35RCS1N-LL	35RSS0N-LL	35RSS1N-LL
SIZE	CS BODY, SS BALL & STEM, LOCKING HANDLE NPT ENDS	CS BODY, SS BALL & STEM, LOCKING HANDLE SOCKET WELD ENDS	SS BODY, SS BALL & STEM LOCKING HANDLE NPT ENDS	SS BODY, SS BALL & STEM, LOCKING HANDLE, SOCKET WELD ENDS
1/4"	205.41	205.41	405.27	405.27
3/8"	205.41	205.41	405.27	405.27
1/2"	205.41	205.41	405.27	405.27
3/4"	255.35	255.35	557.93	557.93
1"	341.42	341.42	674.54	674.54
1 1/4"	435.80	435.80	832.73	832.73
1 1/2"	574.65	574.65	1,140.89	1,140.87
2"	746.72	746.72	1,501.72	1,501.72

**35 SERIES BALL VALVES-SS & CS**  
**3-PIECE, FULL-PORT, LIVE LOADED GRAFOIL PACKING**  
**NXT 75 SEATS, LOCKING HANDLE, ACTUATOR MOUNTING PADS**  
**API 607 6th EDITION TESTED, 2000 WOG**

CARBON STEEL BODY W/ SS TRIM			STAINLESS STEEL BODY & BALL	
MODEL	35FCS0N-LL	35FCS1N-LL	35FSS0N-LL	35FSS1N-LL
SIZE	CS BODY, SS BALL & STEM, LOCKING HANDLE NPT ENDS	CS BODY, SS BALL & STEM, LOCKING HANDLE SOCKET WELD ENDS	SS BODY, SS BALL & STEM LOCKING HANDLE NPT ENDS	SS BODY, SS BALL & STEM, LOCKING HANDLE, SOCKET WELD ENDS
1/2"	255.35	255.35	557.93	557.93
3/4"	341.42	341.42	674.54	674.54
1"	435.80	435.80	832.73	832.73
1 1/4"	574.65	574.65	1,140.87	1,140.87
1 1/2"	746.72	746.72	1,501.72	1,501.72
2"	993.70	993.70	2,124.97	2,124.97

**VALVE ACCESSORY & ASSEMBLY OPTIONS LIST PRICE ADDERS FOR 35 SERIES**

		SEAT OPTIONS			ASSEMBLY OPTIONS			
IDENTIFIER / SUFFIX		01	03	06	-AD	-VB	-OC	-LO
<b>REDUCED PORT SIZE</b>	<b>FULL PORT SIZE</b>	VIRGIN PTFE	MULTI-FILL PTFE	PEEK	DRY ASSEMBLED	VENTED BALL	OXYGEN CLEAN	LOCKING OVAL HANDLE
3/8" - 1/4"		12.73	40.77	122.31	7.65	25.49	101.92	26.75
1/2"		12.73	40.77	122.31	7.65	25.49	101.92	26.75
3/4"	1/2"	20.38	58.62	173.28	8.89	38.22	114.63	30.53
1"	3/4"	22.95	73.85	229.33	8.89	43.30	114.63	38.22
1 1/4"	1"	28.03	86.62	262.46	10.18	48.37	127.42	38.22
1 1/2"	1 1/4"	33.12	99.38	295.57	10.18	56.05	127.42	
2"	1 1/2"	43.30	135.02	400.02	12.73	63.70	127.42	
	2"	48.37	165.63	522.32	17.83	89.20	152.90	

**41 SERIES BALL VALVES - STAINLESS & CARBON**  
**2-PIECE SEAL WELDED, EXTENDED ENDS, FULL BORE,**  
**RPTFE SEATS, GRAPHITE PACKING, ACTUATOR MOUNTING PADS**  
**API 607 4TH EDITION FIRE TESTED, LATCH LOCK HANDLE**

STAINLESS STEEL BODY-CF8M					CARBON STEEL BODY-WCB			
MODEL	41SSOF-02-LL		41SS1F-02-LL		41CSOF-02-LL		41CS1F-02-LL	
	SS BODY, FULL PORT, LOCKING HANDLE THREADED		SS BODY, FULL PORT, LOCKING HANDLE, SOCKET WELD		CS BODY, FULL PORT, LOCKING HANDLE THREADED		CS BODY, FULL PORT, LOCKING HANDLE, SOCKET WELD	
SIZE	PART #	LIST	PART #	LIST	PART #	LIST	PART #	LIST
1/4"	80130	608.46	80380	608.46	80120	369.40	80230	369.40
3/8"	80131	608.46	80381	608.47	80121	369.40	80231	369.40
1/2"	80132	725.85	80382	725.85	80122	421.57	80232	421.57
3/4"	80133	1,151.82	80383	1,151.82	80123	565.02	80233	565.02
1"	80134	1,534.22	80384	1,534.22	80124	847.55	80234	847.55
1 1/2"	80136	2,646.87	80386	2,646.87	80126	1,399.48	80236	1,399.48
2"	80137	4,202.81	80387	4,202.81	80127	2,746.84	80237	2,746.84

VALVE ACCESSORY LIST PRICE ADDERS FOR 41 SERIES							
SUFFIX		-LL	-LS	-OS	-OH	-OL	-SR*
SIZE	STANDARD LEVER HANDLE	STAINLESS LOCKING HANDLE	STAINLESS SPRING LOADED LOCKING HANDLE	STAINLESS OVAL HANDLE	OVAL HANDLE	SPRING LOADED OVAL LOCKING HANDLE	SPRING RETURN HANDLE*
1/2"	6.13	14.27	26.24	31.47		32.91	POA
3/4"	7.65	21.76	29.26	32.24	29.89	33.72	POA
1"	7.65	21.76	29.26	32.24	29.89		POA
1 1/2"	44.42	48.00	53.22				
2"	44.42	48.00	53.22				

INTERNAL & ASSEMBLY OPTION LIST PRICE ADDERS FOR 41 SERIES							
IDENTIFIER	-01	-03	-07	-06	-GB	-AD	-VB
SIZE	VIRGIN PTFE	250# STEAM SEAT	DELTRIN	PEEK	GROUND BALL & STEM	DRY ASSEMBLY	BALL VENTING
1/2"	6.13	27.57	39.82	POA	29.00	6.13	22.99
3/4"	6.13	27.57	39.82	POA	29.00	6.13	26.04
1"	7.65	55.13	73.51	POA	29.00	6.13	26.04
1 1/2"	7.65	88.84	110.28	POA	29.00	7.65	41.38
2"	30.62	150.13	180.72	POA	29.00	7.65	41.38

\*THIS ITEM AVAILABLE AS A FACTORY INSTALLED OPTION ONLY



**54 SERIES BALL VALVES - CARBON STEEL**  
**1-PIECE, DOUBLE-REDUCED BORE, RPTFE SEATS,**  
**FNPT ENDS, PTFE PACKING**  
**2000 WOG-1/2" - 1" 1500 WOG- 1-1/4" - 2"**

CARBON STEEL BODY(WCB) - CARBON BALL								
MODEL	54CCOD-02		54CCOD-02-LL		54CCOD-02-OH		54CCOD-02-TH	
	STEEL BODY (WCB), CARBON BALL, LEVER HANDLE		STEEL BODY (WCB), CARBON BALL, LOCKING HANDLE		STEEL BODY (WCB), CARBON BALL, OVAL HANDLE		STEEL BODY (WCB), CARBON BALL, "T" HANDLE	
SIZE	PART #	LIST	PART #	LIST	PART #	LIST	PART #	LIST
1/2"	94102	57.18	CF	82.10	94112	79.37	CF	68.98
3/4"	94103	65.77	CF	90.70	94113	87.97	CF	77.58
1"	94104	88.63	CF	117.74	94114	115.70	CF	101.11
1 1/4"	94105	134.08	CF	163.19	94115	161.15	CF	146.57
1 1/2"	94106	185.12	CF	246.15	94116	230.20		
2"	94107	238.73	CF	299.76	94117	283.80		

CARBON STEEL BODY (WCB) - STAINLESS BALL & STEM								
MODEL	54CSOD-02		54CSOD-02-LL		54CSOD-02-OH		54CSOD-02-TH	
	STEEL BODY (WCB), STAINLESS BALL, LEVER HANDLE		STEEL BODY (WCB), STAINLESS BALL, LOCKING HANDLE		STEEL BODY (WCB), STAINLESS BALL, OVAL HANDLE		STEEL BODY (WCB), STAINLESS BALL, "T" HANDLE	
SIZE	PART #	LIST	PART #	LIST	PART #	LIST	PART #	LIST
1/2"	95102	73.77	CF	98.70	CF	95.97	CF	85.58
3/4"	95103	97.23	CF	122.16	CF	119.43	CF	109.03
1"	95104	117.20	CF	146.31	CF	144.27	CF	129.69
1 1/4"	95105	171.55	CF	200.66	CF	198.62	CF	184.04
1 1/2"	95106	235.02	CF	296.05	CF	280.09		
2"	95107	291.05	CF	352.08	CF	336.12		

VALVE ACCESSORY LIST PRICE ADDERS FOR 54 SERIES				
SUFFIX	-LL	-OH	-TH	-
SIZE	LOCKING HANDLE	OVAL HANDLE	"T" HANDLE	CS HANDLE (STD)
1/2"	24.93	22.20	11.81	7.45
3/4"	24.93	22.20	11.81	7.45
1"	29.11	27.07	12.49	10.84
1 1/4"	29.11	27.07	12.49	10.84
1 1/2"	61.03	45.07		23.10
2"	61.03	45.07		23.10

**F20 SERIES FLANGED BALL VALVES**  
**2-PIECE BODY, FULL BORE , NXT 75 SEATS,**  
**LIVE LOADED GRAPHITE PACKING, ISO 5211 MOUNTING PADS,**  
**API 607 FIRESAFE 6th Edition**

CARBON STEEL BODY(WCB), SS BALL & STEM			STAINLESS STEEL BODY(CF8M), SS BALL & STEM	
	CLASS 150	CLASS 300	CLASS 150	CLASS 300
MODEL	F201CSN2	F203CSN2	F201SSN2	F203SSN2
SIZE	CARBON STEEL BODY W/ STAINLESS STEEL BALL & STEM - LEVER HANDLE	CARBON STEEL BODY W/ STAINLESS STEEL BALL & STEM -LEVER HANDLE	STAINLESS STEEL BODY, BALL & STEM - LEVER HANDLE	STAINLESS STEEL BODY, BALL & STEM -LEVER HANDLE
1/2"	- PLEASE REFER TO F91 SERIES ON PAGE 25 -		- PLEASE REFER TO F91 SERIES ON PAGE 25 -	
3/4"	- PLEASE REFER TO F91 SERIES ON PAGE 25 -		- PLEASE REFER TO F91 SERIES ON PAGE 25 -	
1"	735.63	1,032.63	916.05	1,596.18
1-1/2"	1,032.63	1,102.03	1,188.09	3,192.27
2"	1,304.67	1,876.51	1,729.41	3,700.29
2-1/2"	1,610.02	2,589.08	2,653.76	4,561.94
3"	2,442.80	3,567.03	3,417.15	5,568.48
4"	3,450.46	4,630.21	4,894.02	7,561.57
6"	8,438.75	11,520.06	12,216.75	14,084.97
MODEL	F201CSN3		F201SSN3	
	CARBON STEEL BODY W/ STAINLESS STEEL BALL & STEM - GEAR OPERATED		STAINLESS STEEL BODY, BALL & STEM - GEAR OPERATED	
8" W/GEAR	18,668.02		24,913.82	
10" W/GEAR	30,870.90		34,268.63	
12" W/GEAR	41,935.66		61,397.60	

VALVE ACCESSORY LIST PRICE ADDERS FOR F20 SERIES					
IDENTIFIER	3	-VB	-OC	-CC	-01 / -03 / -06
SIZE	INSTALLED GEAR OPERATOR	VENTED BALL - UPSTREAM	OXYGEN CLEANING	CHLORINE CLEANING	OPTIONAL SEAT MATERIALS
1" - 2"	835.48	41.67	POA	POA	POA
2 1/2"	970.81	54.68	POA	POA	POA
3"	970.81	67.67	POA	POA	POA
4"	1,173.85	122.33	POA	POA	POA
6"	1,173.85	135.35	POA	POA	POA

**F90 SERIES FLANGED (NON FIRE-SAFE)  
UNI-BODY, SINGLE REDUCED BORE, NXT 75 SEATS,  
PTFE V-RING PACKING, ACTUATOR MOUNTING PAD, LOCKING HANDLE**

<b>F90 SERIES FLANGED (NON FIRESAFE)</b>				
<b>MODEL</b>	<b>CLASS 150</b>	<b>CLASS 300</b>	<b>CLASS 150</b>	<b>CLASS 300</b>
	<b>F90CS150RN1</b>	<b>F90CS300RN1</b>	<b>F90SS150RN1</b>	<b>F90SS300RN1</b>
<b>SIZE</b>	CARBON BODY STAINLESS, BALL & STEM	CARBON BODY, STAINLESS BALL & STEM	STAINLESS BODY, STAINLESS BALL & STEM	STAINLESS BODY, STAINLESS BALL & STEM
1/2"	343.08	537.52	468.89	934.96
3/4"	463.20	703.35	500.38	1,132.25
1"	551.81	737.67	700.49	1,329.52
1 1/2"	969.25	1,338.06	1,383.82	2,198.73
2"	1,103.64	1,472.48	1,732.67	2,430.29
3"	2,009.98	3,007.88	2,730.51	4,160.10
4"	3,342.39	4,480.35	3,991.42	6,318.81
6"	6,353.14	8,691.96	7,988.57	11,645.47

**F91 SERIES FLANGED (FIRE-SAFE)  
UNI-BODY, SINGLE REDUCED BORE, NXT 75 SEATS, GRAPHITE PACKING  
ACTUATOR MOUNTING PAD, LOCKING HANDLE, API 607 4TH EDITION THROUGH 6"**

<b>F91 SERIES FLANGED (FIRESAFE)</b>				
<b>MODEL</b>	<b>CLASS 150</b>	<b>CLASS 300</b>	<b>CLASS 150</b>	<b>CLASS 300</b>
	<b>F91CS150RN1</b>	<b>F91CS300RN1</b>	<b>F91SS150RN1</b>	<b>F91SS300RN1</b>
<b>SIZE</b>	CARBON BODY STAINLESS TRIM	CARBON BODY STAINLESS TRIM	STAINLESS BODY STAINLESS TRIM	STAINLESS BODY STAINLESS TRIM
1/2"	380.29	597.57	517.51	1,037.91
3/4"	514.66	780.57	560.39	1,263.78
1"	611.86	817.76	780.57	1,486.77
1 1/2"	1,077.90	1,486.77	1,546.85	2,453.20
2"	1,226.57	1,635.43	1,929.96	2,713.36
3"	2,230.15	3,342.39	3,045.03	4,643.31
4"	3,714.08	4,977.86	4,454.63	7,050.77
6"	7,056.47	9,655.48	8,917.84	13,000.73

**FOR ACCESSORIES, PLEASE SEE PAGE 28**

**CONSULT FACTORY FOR ADDITIONAL BODY AND TRIM MATERIALS**

## F90/91 SERIES OPTIONS & ACCESSORIES

EXTERNAL ACCESSORY LIST PRICE ADDERS FOR F90/91 SERIES				
SUFFIX	-GO	-OH	-XH	-
SIZE	INSTALLED GEAR OPERATOR	OVAL HANDLE	STEM EXTENSION	STD HANDLE
1/2"	833.74	86.51	54.49	12.75
3/4"	833.74	86.51	54.49	12.75
1"	833.74	86.51	54.49	12.75
1 1/2"	833.74	117.26	61.65	20.76
2"	833.74	117.26	61.65	20.76
3"	903.45	-	115.45	29.49
4"	1,109.84	-	163.52	34.83
6"	1,109.84	-	208.44	46.25

INTERNAL & ASSEMBLY OPTION LIST PRICE ADDERS FOR F90/91 SERIES									
SEATING OPTIONS			GROUNDING OPTIONS			DRY ASSEMBLY	BALL VENTING	OXYGEN CLEANING	CHLORINE CLEANING
SUFFIX	-01	-03	-06	-GB	-GS	-AD	-VB	-OC	-CC
SIZE	VIRGIN PTFE	MULTI-FILL PTFE 250# STEAM	PEEK	GROUNDING BALL & STEM	GROUNDING STEM	DRY ASSEMBLY	SS BALL VENTING	STAINLESS ONLY	STAINLESS ONLY
1/2"	2.85	19.62	POA	26.41	STD	5.62	18.99	POA	POA
3/4"	2.85	19.62	POA	26.41	STD	5.62	18.99	POA	POA
1"	2.72	19.62	POA	26.41	STD	5.62	18.99	POA	POA
1 1/2"	3.95	23.49	POA	26.41	STD	7.40	32.81	POA	POA
2"	3.95	29.46	POA	26.41	STD	7.40	32.81	POA	POA
3"	5.35	34.89	POA	26.41	STD	13.98	81.36	POA	POA
4"	5.35	34.89	POA	26.41	STD	13.98	81.36	POA	POA
6"	10.81	58.38	POA	26.41	STD	22.25	81.36	POA	POA