



Commercial and Industrial **BAL-0318** Ball Valve Price List

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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

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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"	34.99	47.71	40.36	52.68	89.02	52.47	45.71	51.09	50.18	78.26	45.63
3/8"	34.99	47.71	40.36	52.68	89.02	52.47	45.71	51.09	50.18	78.26	45.63
1/2"	34.99	47.71	40.36	52.68	89.02	52.47	45.71	51.09	50.18	78.26	45.63
3/4"	57.51	74.47	62.88	78.96	115.65	86.28	72.33	77.55	72.71	100.78	70.41
1"	63.56	80.52	68.92	85.00	121.70	112.45	78.37	83.59	78.75	106.82	100.20
1 1/4"	122.77	148.32	128.13	161.19		184.19	144.18	158.53	149.60	174.66	158.70
1 1/2"	156.67	182.23	162.04	195.10		235.04	178.09	192.44	183.51	208.56	196.39
2"	197.34	222.90	202.71	235.76		295.98	228.33	233.10	224.17	249.23	273.67
2 1/2"	959.98	985.54	965.35			1,439.96	990.97		986.82	1,011.87	
3"	1,090.90	1,116.46	1,096.27			1,636.35	1,121.89		1,117.74	1,142.79	

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"	43.64	60.54	54.53	67.25	59.89	65.25	69.73	97.80		
3/8"	43.64	60.54	54.53	67.25	59.89	65.25	69.73	97.80		
1/2"	43.64	60.54	54.53	67.25	59.89	65.25	69.73	97.80	56.53	76.01
3/4"	67.45	88.51	99.14	116.10	104.51	113.95	114.33	142.40	76.35	117.96
1"	86.27	107.33	115.47	132.43	120.84	130.28	130.66	158.74		
1 1/4"	141.20	178.87	200.36	225.92	205.73	221.77	227.20	252.25		
1 1/2"	180.28	217.95	269.73	295.28	275.09	291.15	296.56	321.61		
2"	226.99	262.90	361.96	387.52	367.32	392.94	388.79	413.85		
2 1/2"			1,420.17	1,445.73	1,425.53	1,451.15	1,447.00	1,472.06		
3"			1,618.52	1,644.07	1,623.88	1,649.50		1,670.40		

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"	12.72	5.37	17.69	54.03	10.72	16.10	15.19	43.27	18.82	64.64	41.36
3/8"	12.72	5.37	17.69	54.03	10.72	16.10	15.19	43.27	18.82	64.64	41.36
1/2"	12.72	5.37	17.69	54.03	10.72	16.10	15.19	43.27	18.82	64.64	41.36
3/4"	16.96	5.37	21.45	58.14	14.81	20.03	15.19	43.27	20.55	76.28	41.36
1"	16.96	5.37	21.45	58.14	14.81	20.03	15.19	43.27	20.55	76.28	41.36
1 1/4"	25.56	5.37	38.42		21.42	35.76	26.84	51.89	40.25	100.84	59.47
1 1/2"	25.56	5.37	38.42		21.42	35.76	26.84	51.89	40.25	100.84	59.47
2"	25.56	5.37	38.42		30.99	35.76	26.84	51.89	43.32	100.84	59.47
2 1/2"	25.56	5.37			30.99		26.84	51.89	43.32		
3"	25.56	5.37			30.99		26.84	51.89	43.32		

* 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"	48.46	61.18	53.82	66.14	59.18	64.56	63.65	91.72	89.81
3/4"	78.97	95.93	84.34	100.42	93.78	99.00	94.16	122.24	120.33
1"	110.37	127.32	115.73	131.81	125.18	130.40	125.55	153.63	151.73
1 1/4"	215.32	240.88	220.69	253.74	236.74	251.08	242.15	267.21	274.79
1 1/2"	262.20	287.76	267.56	300.62	283.62	297.96	289.03	314.09	321.67
2"	351.40	376.95	356.76	389.82	382.38	387.16	378.23	403.28	410.87
2-1/2"	2,168.10	2,193.66	2,173.47		2,199.09		2,194.94	2,219.99	
3"	2,537.32	2,562.88	2,542.69		2,568.31		2,564.16	2,589.21	

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"	67.99	80.72	73.36	78.71	83.19	111.26	109.35	63.26	82.74
3/4"	120.59	137.56	125.97	135.41	135.79	163.86	161.95	87.08	128.69
1"	162.28	179.24	167.65	177.09	177.47	205.55	203.64		
1 1/4"	292.91	318.47	298.28	314.33	319.75	344.81	352.39		
1 1/2"	375.25	400.81	380.61	396.67	402.08	427.14	434.72		
2"	516.01	541.57	521.38	547.00	542.85	567.90	575.48		
2-1/2"	2,354.26	2,379.82	2,359.63	2,385.25	2,381.10	2,406.15			
3"	2,977.07	3,002.63	2,982.44	3,008.06	3,003.91	3,028.96			

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"	34.99	47.71	40.36	52.68	89.02	52.47	45.71	51.09	50.18	78.26
1/2"	34.99	47.71	40.36	52.68	89.02	52.47	45.71	51.09	50.18	78.26
3/4"	57.51	74.47	62.88	78.96	115.65	86.28	72.33	77.55	72.71	100.78
1"	63.56	80.52	68.92	85.00	121.70	112.45	78.37	83.59	78.75	106.82
1 1/4"	122.77	148.32	128.13	161.19		184.19	144.18	158.53	149.60	174.66
1 1/2"	156.67	182.23	162.04	195.10		235.04	187.66	192.44	183.51	208.56
2"	197.34	222.90	202.71	235.76		295.98	228.33	233.10	224.17	249.23
2 1/2"	959.98	985.54	965.35			1,439.96	990.97		986.82	1,011.87
3"	1,090.90	1,116.46	1,096.27			1,636.35	1,121.89		1,117.74	1,142.79

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"	54.53	67.25	59.90	65.25	69.72	97.80		
1/2"	54.53	67.25	59.90	65.25	69.72	97.80	56.53	76.01
3/4"	99.14	116.10	104.50	113.95	114.33	142.40	76.35	117.96
1"	115.47	132.43	120.84	130.28	130.66	158.74		
1 1/4"	200.36	225.92	205.73	221.78	227.20	252.25		
1 1/2"	269.73	295.28	275.09	291.14	296.56	321.62		
2"	361.96	387.52	367.33	392.95	388.80	413.85		
2 1/2"	1,420.16	1,445.72	1,425.52	1,451.14	1,446.99	1,472.05		
3"	1,618.52	1,644.07	1,623.88	1,649.50	1,645.35	1,670.41		

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"	12.72	5.37	17.69	54.03	10.72	16.10	15.19	43.27	18.82	64.64	41.36
1/2"	12.72	5.37	17.69	54.03	10.72	16.10	15.19	43.27	18.82	64.64	41.36
3/4"	16.96	5.37	21.45	58.14	14.81	20.03	15.19	43.27	20.55	76.28	41.36
1"	16.96	5.37	21.45	58.14	14.81	20.03	15.19	43.27	20.55	76.28	41.36
1 1/4"	25.56	5.37	38.42		21.42	35.76	26.84	51.89	40.25	100.84	59.47
1 1/2"	25.56	5.37	38.42		21.42	35.76	26.84	51.89	40.25	100.84	59.47
2"	25.56	5.37	38.42		30.99	35.76	26.84	51.89	43.32	100.84	59.47
2 1/2"	25.56	5.37			30.99		26.84	51.89	43.32		
3"	25.56	5.37			30.99		26.84	51.89	43.32		

* 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"	25.53	32.15	45.58	41.16	33.51	46.08
3/8"	25.53	32.15	45.58	41.16	33.51	46.08
1/2"	25.53	32.15	45.58	41.16	33.51	46.08
3/4"	35.23	41.85	55.28	50.86	43.21	55.78
1"	56.67	63.76	63.76	77.55	64.66	81.79
1 1/4"	99.11	106.20	121.35	119.99	107.10	124.24
1 1/2"	129.18	138.04	155.87	161.84	137.15	163.44
2"	156.04	164.91	182.74	188.71	164.02	190.31
2 1/2"	523.82	532.70		564.95		
3"	795.30	804.17		836.42		
4"	1,552.72	1,561.59		1,593.85		

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"	25.53	32.15	45.58	41.16	33.52	46.08
1/2"	25.53	32.15	45.58	41.16	33.52	46.08
3/4"	35.23	41.85	55.28	50.86	43.21	55.78
1"	56.67	63.76	78.91	77.55	64.66	81.79
1 1/4"	99.11	106.20	121.35	119.99	107.10	124.24
1 1/2"	129.18	138.04	155.87	161.84	137.16	163.44
2"	156.04	164.91	182.74	188.71	164.02	190.31
2 1/2"	523.82	532.70		564.95		
3"	795.30	804.16		836.42		

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"	6.62	20.06	15.64	7.99	20.57
1" - 1-1/4"	7.08	22.23	20.88	7.99	25.12
1 1/2" - 2"	8.88	26.70	32.67	7.99	34.28
2 1/2" - 4"	8.88		41.12		66.23

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"	89.64	102.37	95.01	107.33	143.67	134.49	100.36	104.83	132.91	132.63
3/8"	89.64	102.37	95.01	107.33	143.67	134.49	100.36	104.83	132.91	132.63
1/2"	103.55	116.27	108.91	121.23	146.53	155.25	114.26	118.74	146.81	146.53
3/4"	127.32	144.28	132.69	148.77	172.49	191.04	142.13	142.51	170.59	170.31
1"	167.41	192.97	172.78	205.83	209.76	251.11	188.83	194.24	219.30	230.05
1 1/4"	239.98	265.54	245.35	278.40		359.96	261.40	266.82	291.87	302.62
1 1/2"	311.38	336.94	316.75	349.81		467.10	332.81	338.22	363.27	374.03
2"	574.22	599.78	579.59			861.33	605.21	601.06	633.25	636.86
2 1/2"	1,129.52	1,181.10								
3"*	1,129.52	1,181.10								

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"	117.99	130.71	123.36	135.67	172.01	177.05	128.71	133.18	161.26	160.98
3/8"	117.99	130.71	123.36	135.67	172.01	177.05	128.71	133.18	161.25	160.98
1/2"	146.96	159.68	152.33	164.65	200.99	220.48	157.68	162.15	190.23	189.95
3/4"	174.99	191.95	180.35	196.43	233.13	262.39	189.80	190.18	218.25	217.97
1"	254.33	279.89	259.69	292.75	312.47	381.51	275.75	281.16	306.22	316.97
1 1/4"	344.56	370.11	349.92	382.98		516.81	365.98	371.39	396.45	407.20
1 1/2"	437.92	463.48	443.29	476.35		656.92	459.34	464.76	489.81	500.56
2"	715.02	740.58	720.38			1,072.53	746.00	741.85	774.05	777.66
2 1/2"	1,431.79	1,483.38								
3"*	1,431.79	1,483.38								

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"	12.72	5.37	17.69	54.03	10.72	15.19	43.27	18.82	64.64	42.99
3/8"	12.72	5.37	17.69	54.03	10.72	15.19	43.27	18.82	64.64	42.99
1/2"	12.72	5.37	17.69	54.03	10.72	15.19	43.27	18.82	64.64	42.99
3/4"	16.96	5.37	21.45	58.14	14.81	15.19	43.27	20.55	76.28	42.99
1"	25.56	5.37	38.42	58.14	21.42	26.83	51.89	40.25	100.84	62.64
1 1/4"	25.56	5.37	38.42		21.42	26.84	51.89	40.25	100.84	62.64
1 1/2"	25.56	5.37	38.42		21.42	26.84	51.89	40.25	100.84	62.64
2"	25.56	5.37			30.98	26.84	59.03		131.87	62.64

* 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"	535.50	552.46	556.94	593.64	550.31	578.49
1"	654.53	680.10	692.95	712.67	675.95	717.18
1 1/4"	1,051.25	1,076.80	1,089.67		1,072.67	1,113.89
1 1/2"	1,090.90	1,116.46	1,129.33		1,112.33	1,153.54
2"	1,229.73	1,255.29			1,260.72	1,292.37

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"	614.85	631.81	629.66	653.12
1"	733.88	750.84	755.30	796.52
1 1/4"	1,170.09	1,195.65	1,191.52	1,232.74
1 1/2"	1,213.85	1,239.41	1,235.28	1,276.49
2"	1,368.61	1,394.17	1,399.60	1,431.25

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"	12.72	17.69	54.03	10.72	18.82	42.99
3/8"	12.72	17.69	54.03	10.72	18.82	42.99
1/2"	12.72	17.69	54.03	10.72	18.82	42.99
3/4"	16.96	21.45	58.14	14.81	20.55	42.99
1"	25.56	38.42	58.14	21.42	40.25	62.64
1 1/4"	25.56	38.42		21.42	40.25	62.64
1 1/2"	25.56	38.42		21.42	40.25	62.64
2"	25.56			30.98		62.64

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"	89.64	102.37	95.01	107.33	143.67	134.49	100.36	104.83	132.91	132.63
1/2"	103.55	116.27	108.91	121.23	146.53	155.25	118.35	118.74	146.81	146.53
3/4"	127.32	144.28	132.69	148.77	172.49	191.04	148.75	142.51	170.59	170.31
1"	167.41	192.97	172.78	205.83	209.76	251.11	188.83	194.24	219.30	230.05
1 1/4"	239.98	265.54	245.35	278.40		359.96	261.40	266.82	291.87	302.62
1 1/2"	311.38	336.94	316.75	349.80		467.10	342.37	338.22	363.27	374.03
2"	574.22	599.78	579.59			861.33	574.22	601.06	633.25	636.86
2 1/2"	1,129.52	1,181.10								
3"*	1,129.52	1,181.10								

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"	117.99	130.71	123.36	135.67	172.01	177.05	128.71	133.18	161.26	160.97
1/2"	146.96	159.68	152.33	164.65	200.99	220.48	157.68	162.15	190.23	189.95
3/4"	174.99	191.95	180.35	196.44	233.13	262.39	189.80	190.18	218.25	217.98
1"	254.33	279.89	259.69	292.75	312.47	381.51	275.75	281.16	306.22	316.97
1 1/4"	344.56	370.11	349.92	382.98		516.81	365.98	371.39	396.45	407.20
1 1/2"	437.92	463.48	443.29	476.35		656.92	459.34	464.76	489.81	500.57
2"	715.02	740.58	720.38			1,072.53	746.00	741.85	774.05	777.64
2 1/2"	1,431.79	1,483.38								
3"*	1,431.79	1,483.38								

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"	12.72	5.37	17.69	54.03	10.72	15.19	43.27	18.82	64.64	42.99	72.55
1/2"	12.72	5.37	17.69	54.03	10.72	15.19	43.27	18.82	64.64	42.99	72.55
3/4"	16.96	5.37	21.45	58.14	14.81	15.19	43.27	20.55	76.28	42.99	72.55
1"	25.56	5.37	38.42	58.14	21.42	26.83	51.89	40.25	100.84	62.64	72.55
1 1/4"	25.56	5.37	38.42		21.42	26.84	51.89	40.25	100.84	62.64	72.55
1 1/2"	25.56	5.37	38.42		21.42	26.84	51.89	40.25	100.84	62.64	72.55
2"	25.56	5.37			30.98	26.84	59.03		131.87	62.64	72.55

* 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"	213.23	225.95	230.92	223.95	285.79	252.77
3/4"	223.12	240.08	244.56	237.93	295.68	263.20
1"	296.57	322.13	335.00	318.00	369.13	346.47
1 1/4"	407.57	433.13	446.00	429.00	480.13	461.30
1 1/2"	484.95	510.50	523.37	506.37	557.51	547.29
2"	698.58	724.14		729.57	771.14	753.19
2 1/2"	2,310.21	2,361.79			2,382.77	2,365.31
3"	2,310.21	2,361.79			2,382.77	2,365.31

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"	241.59	254.31	259.27	252.31	314.15	281.47
3/4"	272.66	289.62	294.11	287.47	345.22	312.74
1"	387.92	413.48	426.35	409.35	460.48	437.82
1 1/4"	514.10	539.66	552.53	535.53	586.66	568.15
1 1/2"	620.85	646.41	659.28	642.28	693.41	664.60
2"	855.84	881.40		886.82	928.39	901.74
2 1/2"	2,610.13	2,661.71			2,682.69	2,664.74
3"	2,610.13	2,661.71			2,682.69	2,664.74

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"	12.72	17.69	54.03	10.72	72.54
3/4"	16.96	21.45	58.14	14.81	72.54
1"	25.56	38.42	58.14	21.42	72.54
1 1/4"	25.56	38.42		21.42	72.54
1 1/2"	25.56	38.42		21.42	72.54
2"	25.56			30.98	72.54
2 1/2"	51.58				72.54
3"	51.58				72.54

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"	64.15	81.11	69.51	102.57		119.36	85.57	99.91	90.98	116.04
1 1/4"	187.44	213.00	192.81	225.87		282.74	208.86		214.28	239.33
1 1/2"	241.18	266.74	246.55	279.62		364.11	262.60		268.02	293.07
2"	411.60	437.16	416.97			621.36	442.59		438.44	470.64

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/ O3 SEATS
1/4"	---Use BA-100S List Pricing** ---										
3/8"											
1/2"											
3/4"											
1"	115.47	132.43	120.84	153.90	173.61	214.69	136.89	151.23	142.31	167.36	154.81
1 1/4"	286.64	312.20	292.00			430.01	308.06		313.47	338.53	325.98
1 1/2"	344.13	369.69	349.49			516.14	365.55		370.96	396.02	386.89
2"	576.17	601.73	581.54			864.30	603.01		608.38	635.21	624.07

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"	25.56	5.37	38.42	58.14	21.42	35.76	26.84	51.89	100.84	40.25	59.47	39.34
1 1/4"	25.56	5.37	38.42		21.42	35.76	26.84	51.89	100.84	40.25	59.47	39.34
1 1/2"	25.56	5.37	38.42		21.42	35.76	26.84	51.89	100.84	40.25	59.47	42.76
2"	25.56	5.37			30.99		26.84	59.03	131.87		59.47	47.90

*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"	110.95	136.52	116.32	149.38	132.37	146.72	137.79	162.84	170.42
1 1/4"	279.99	305.55	285.36	318.42	301.41		306.83	331.88	339.46
1 1/2"	346.71	372.26	352.07	385.14	368.13		373.54	398.60	406.18
2"	565.65	591.21	571.01		596.63		592.48	624.68	625.12

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"	162.28	187.84	167.64	200.71	183.70	198.04	189.11	214.17	221.75
1 1/4"	379.19	404.75	384.56		400.61		406.03	431.08	438.66
1 1/2"	449.65	475.21	455.02		471.07		476.48	501.54	509.13
2"	730.23	755.79	735.59		761.21		757.06	789.26	789.70

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"										
3/4"										
1"	64.15	81.12	69.51	102.57		119.36	85.57	99.91	90.98	116.04
1 1/4"	187.44	213.00	192.81			282.74	208.86		214.28	239.33
1 1/2"	241.18	266.74	246.55			364.11	262.60		268.02	293.07
2"	411.60	437.16	416.97			621.36	442.59		438.44	470.64

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"										
3/4"										
1"	115.47	132.43	120.84	153.90	173.61	214.69	136.89	151.23	142.31	167.36
1 1/4"	286.64	312.20	292.00			430.01	308.06		313.47	338.53
1 1/2"	344.13	369.69	349.49			516.14	365.55		370.96	396.02
2"	576.17	601.73	581.54			864.29	603.01		608.38	635.21

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"	25.56	5.37	38.42	58.14	21.42	35.77	26.84	51.89	100.84	40.25	59.47
1 1/4"	25.56	5.37	38.42		21.42	35.77	26.84	51.89	100.84	40.25	59.47
1 1/2"	25.56	5.37	38.42		21.42	35.77	26.84	51.89	100.84	40.25	59.47
2"	25.56	5.37			30.99		26.84	59.03	131.87		59.47

* 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"	33.79	40.41	41.78	54.35	49.74
3/8"	33.79	40.41	41.78	54.35	49.74
1/2"	33.79	40.41	41.78	54.35	49.74
3/4"	47.07	54.16	55.06	72.20	68.40
1"	79.60	86.69	87.59	104.72	111.60
1 1/4"	127.69	134.78	135.68	152.81	169.71
1 1/2"	160.48	167.58		185.60	202.51
2"	219.87	228.74		254.13	261.89
2 1/2"	852.55	861.42		918.78	894.50
3"	1,249.64	1,258.52		1,315.87	1,291.66
4"	1,287.66				

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"	33.79	40.41	41.78	54.35	49.74
3/4"	47.07	54.16	55.06	72.20	68.41
1"	79.60	86.69	87.59	104.72	111.60
1 1/4"	127.69	134.78	135.68	152.81	169.71
1 1/2"	160.48	169.36		185.60	202.51
2"	219.87	228.74		254.13	261.89
2 1/2"	852.55			918.78	894.58
3"	1,249.64			1,315.87	1,291.66
4"	1,287.66				

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"	6.62	7.99	20.57	15.95	42.64
3/4" - 1"	7.09	7.99	25.12	21.33	42.64
1 1/4 - 1 1/2"	7.09	7.99	25.12	32.00	61.31
2"	8.88	7.99	34.28	42.02	61.31
2-1/2"	8.88		66.23	42.02	
3"	8.88		66.23	42.02	



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"	34.69	55.24	53.73	74.30	77.33	96.38
3/4"	52.70	77.81	95.52	120.65	95.34	138.14
1"	76.25	106.31	128.35	153.48	118.89	171.00
1 1/4"	156.84	191.11	258.21	283.33	218.13	319.51
1 1/2"	208.91	243.16	316.39	341.54	270.22	377.69
2"	359.55	425.75	529.84	564.09	420.85	591.13
2 1/2"	897.13	963.35				
3"	1,152.97	1,219.21				

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"	31.00	51.58	50.73	71.33	73.64
3/4"	47.72	68.29	89.56	114.67	90.36
1"	68.80	93.92	120.90	146.04	111.43
1 1/4"	140.74	165.85	241.78	266.91	202.05
1 1/2"	187.85	222.09	294.01	319.13	249.14
2"	322.34	356.63	492.52	526.78	383.65

PRESS X HOSE END W/ CAP AND CHAIN		
MODEL	BA-480BH	BA-480SH
SIZE	CHROME PLATED BALL	STAINLESS STEEL BALL & STEM
1/2"	54.13	74.63
3/4"	72.12	116.42

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"	6.62	7.99	20.57	15.95	42.64
3/4" - 1"	6.62	7.99	25.12	21.33	42.64
1 1/4" - 1-1/2"	7.09	7.99	25.12	32.00	61.31
2"	8.88	7.99	34.28	42.02	61.31

* 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**

BA-500 BRASS BODY, CHROME PLATED BALL, THREADED ENDS FLANGED X THREADED ISOLATION VALVE				
SIZE	PRICE FOR SET OF 2	SETS PER CARTON	TOTAL VALVES PER CARTON	CARTON WEIGHT
3/4"	107.44	12	24	44
1"	119.32	12	24	48
1 1/4"	182.08	8	16	38

BA-550 BRASS BODY, CHROME PLATED BALL, THREADED ENDS FLANGED X SOLDER ISOLATION VALVE				
SIZE	PRICE FOR SET OF 2	SETS PER CARTON	TOTAL VALVES PER CARTON	CARTON WEIGHT
3/4"	107.44	12	24	44
1"	119.32	12	24	48
1 1/4"	182.08	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"	52.96
3/8"	52.96
1/2"	55.40
3/4"	86.71
1"	113.19
1 1/4"	187.81
1 1/2"	223.92
2"	300.98
2 1/2"	775.31
3"	914.96

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"	225.88
1/2"	233.60
3/4"	302.86
1"	410.70
1 1/4"	564.71
1 1/2"	677.68
2"	911.22

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	82.21	Consult Factory		19500	92.24	Consult Factory	
3/8"	19201	82.21	Consult Factory		19501	92.24	Consult Factory	
1/2"	19202	82.21	19212	94.69	19502	92.24	19512	109.64
3/4"	19203	94.69	19213	104.65	19503	117.14	19513	129.60
1"	19204	114.62	19214	127.09	19504	144.56	19514	156.99
1 1/4"	19205	231.76	Consult Factory		19505	246.71	Consult Factory	
1 1/2"	19206	244.23	Consult Factory		19506	321.47	Consult Factory	
2"	19207	306.52	Consult Factory		19507	373.81	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"	100	49.60	1100	62.76	1110	74.89	1120	77.77	1130	83.44
3/8"	101	49.60	1101	62.76	1111	74.89	1121	77.77	1131	83.44
1/2"	102	49.60	1102	62.76	1112	74.89	1122	77.77	1132	83.44
3/4"	103	77.35	1103	97.44	1113	103.47	1123	106.18	1133	113.79
1"	104	91.23	1104	111.32	1114	117.35	1124	120.06	1134	127.68
1 1/4"	105	150.76	1105	174.31	1115	188.65	1125	175.6042	1135	190.31
1 1/2"	106	186.42	1106	209.97	1116	224.30	1126	230.0104	1136	225.97
2"	107	228.09	1107	251.65	1117	265.98	1127	271.6875	1137	267.65

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"	2100	69.41	3100	82.57	3230	94.70	3110	97.58	3120	103.25
3/8"	2101	69.41	3101	82.57	3231	94.70	3111	97.58	3121	103.25
1/2"	2102	69.41	3102	82.57	3232	94.70	3112	97.58	3122	103.25
3/4"	2103	117.03	3103	137.13	3233	143.16	3113	145.86	3123	153.48
1"	2104	142.78	3104	162.88	3234	168.91	3114	171.61	3124	179.23
1 1/4"	2105	222.12	3105	245.68	3235	260.01	3115	265.72	3125	258.57
1 1/2"	2106	293.55	3106	317.10	3236	331.44	3116	337.15	3126	333.10
2"	2107	412.57	3107	436.13	3237	450.46	3117	456.17	3127	452.13

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"	100.99	114.55	127.05	130.03	135.88
3/8"	100.99	114.55	127.05	130.03	135.88
1/2"	100.99	114.55	127.05	130.03	135.88
3/4"	162.00	182.71	188.94	191.73	199.58
1"	196.74	217.45	223.68	226.46	234.32
1 1/4"	377.75	402.03	416.81	422.69	418.53
1 1/2"	390.84	415.11	429.90	435.77	431.61
2"	508.90	533.18	547.96	553.84	549.67

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"	70.82	84.38	96.88	99.86	105.71
3/8"	70.82	84.38	96.88	99.86	105.71
1/2"	73.43	87.00	99.49	102.47	108.32
3/4"	104.92	125.63	131.86	134.65	142.49
1"	136.41	157.13	163.35	166.14	173.99
1 1/4"	254.45	278.73	293.51		295.23
1 1/2"	317.39	341.67	356.45		358.17
2"	427.59	451.87	466.64		468.36

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"	70.82	84.38	96.88	99.86	105.70
3/8"	70.82	84.38	96.88	99.86	105.70
1/2"	73.43	87.00	99.49	102.47	108.32
3/4"	104.92	125.63	131.86	134.65	142.49
1"	136.41	157.13	163.35	166.14	173.99
1 1/4"	254.45	278.73	293.51	299.39	295.23
1 1/2"	317.39	341.67	356.45	362.33	358.16
2"	427.59	451.87	466.64	472.52	468.36

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	109.34	11100	122.90	11160	135.40	11090	138.37	CF	144.22
3/8"	10101	109.34	11101	122.90	11161	135.40	11091	138.37	CF	144.22
1/2"	10102	109.34	11102	122.90	11162	135.40	11092	138.37	CF	144.22
3/4"	10103	161.56	11103	182.27	11163	188.49	11093	191.29	CF	199.13
1"	10104	216.27	11104	236.99	11164	243.21	11094	246.00	CF	253.85
1 1/4"	10105	328.58	11105	352.86	11165	367.63			CF	369.35
1 1/2"	10106	420.53	11106	444.80	11166	459.59			CF	461.30
2"	10107	547.29	11107	571.57	11167	586.35			CF	588.07

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	241.31	13100	254.88	13150	267.37	12120	270.35	CF	276.20
3/8"	12101	241.31	13101	254.88	13151	267.37	12121	270.35	CF	276.20
1/2"	12102	262.03	13102	275.59	13152	288.09	12122	291.06	CF	296.91
3/4"	12103	326.96	13103	347.67	13153	353.89	12123	356.68	CF	364.53
1"	12104	479.90	13104	500.61	13154	506.83	12124	509.62	CF	517.47
1 1/4"	12105	653.60	13105	677.88	13155	692.65			CF	694.37
1 1/2"	12106	851.05	13106	875.33	13156	890.11			CF	891.82
2"	12107	1,035.22	13107	1,059.49	13157	1,074.27	12127	1,080.14	CF	1,075.99

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"	30100	109.81						
3/8"	30101	109.81			30131	109.81		
1/2"	30102	109.81	31102	122.97	30132	109.81	30122	122.97
3/4"	30103	134.79	31103	154.89	30133	134.79	30123	154.89
1"	30104	177.54	31104	197.64	30134	177.54	30124	197.64
1 1/4"	30105	254.77	31105	278.32	30135	254.77	30125	278.32
1 1/2"	30106	328.76	31106	352.31	30136	328.76	30126	352.31
2"	30107	605.76	31107	629.31	30137	605.76	30127	629.31

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"	32100	155.84						
3/8"	32101	155.84			32501	155.84		
1/2"	32102	155.84	33102	169.00	32502	155.84	32532	169.00
3/4"	32103	185.75	33103	205.84	32503	185.75	32533	205.84
1"	32104	270.57	33104	290.67	32504	270.57	32534	290.67
1 1/4"	32105	365.41	33105	388.96	32505	365.41	32535	388.96
1 1/2"	32106	467.68	33106	491.23	32506	467.68	32536	491.23
2"	32107	760.24	33107	783.79	32507	760.24	32537	783.79

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	288.59	39100A	302.14				
3/8"	38101A	288.59	39101A	302.14	39141A	288.59	39111A	302.14
1/2"	38102A	288.59	39102A	302.14	39142A	288.59	39112A	302.14
3/4"	38103A	417.25	39103A	437.96	39143A	417.25	39113A	437.96
1"	38104A	500.89	39104A	521.60	39144A	500.89	39114A	521.60
1 1/4"	38105A	577.15	39105A	601.43	39145A	577.15	39115A	601.43
1 1/2"	38106A	808.36	39106A	832.64	39146A	808.36	39116A	832.64
2"	38107A	1,051.77	39107A	1,076.05	39147A	1,051.77	39117A	1,076.05

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	160.80	35100A	174.37				
3/8"	34101A	160.80	35101A	174.37	35091A	160.80	35121A	174.37
1/2"	34102A	160.80	35102A	174.37	35092A	160.80	35122A	174.37
3/4"	34103A	215.14	35103A	235.86	35093A	215.14	35123A	235.86
1"	34104A	272.79	35104A	293.51	35094A	272.78	35124A	293.50
1 1/4"	34105A	419.72	35105A	444.00	35095A	419.72	35125A	444.00
1 1/2"	34106A	480.05	35106A	504.33	35096A	480.05	35126A	504.33
2"	34107A	619.08	35107A	643.36	35097A	619.07	35127A	643.36

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	160.80	37100A	174.37				
3/8"	36101A	160.80	37101A	174.37	36501A	160.80	36521A	174.37
1/2"	36102A	160.80	37102A	174.37	36502A	160.80	36522A	174.37
3/4"	36103A	215.14	37103A	235.86	36503A	215.14	36523A	235.86
1"	36104A	272.78	37104A	293.51	36504A	272.78	36524A	293.51
1 1/4"	36105A	419.72	37105A	444.00	36505A	419.72	36525A	444.00
1 1/2"	36106A	480.05	37106A	504.33	36506A	480.05	36526A	504.33
2"	36107A	619.07	37107A	643.35	36507A	619.07	36527A	643.35

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"	13.56	29.04	26.06	29.04	10.16	34.88	31.53	232.49	N/A
3/8"	13.56	29.04	26.06	29.04	10.16	34.88	31.53	232.49	N/A
1/2"	13.56	29.04	26.06	29.04	10.16	34.88	31.53	232.49	249.10
3/4"	20.71	29.58	26.94	29.73	10.79	37.57	32.26	249.10	249.10
1"	20.71	29.58	26.94	29.73	10.79	37.57	32.26	249.10	249.10
1 1/4"	24.28	44.73	39.06	44.94	18.89	40.77	48.79	260.17	260.17
1 1/2"	24.28	44.73	39.06	44.94	18.89	40.77	48.79	260.17	260.17
2"	24.28	44.73	39.06	44.94	18.89	40.77	48.79	260.17	260.17

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"	2.54	N/C	18.11	24.26	1.67	3.86	19.26	55.40
3/8"	2.54	N/C	18.11	24.26	1.67	3.86	19.26	55.40
1/2"	2.54	N/C	18.11	24.26	1.67	3.86	19.26	55.40
3/4"	2.54	N/C	21.30	24.62	1.78	5.15	21.83	60.15
1"	3.10	N/C	21.30	24.62	1.78	5.15	21.83	60.15
1 1/4"	3.10	N/C	27.36	25.03	1.93	6.40	34.64	67.41
1 1/2"	3.73	N/C	27.36	25.03	1.93	6.40	34.64	67.41
2"	3.73	N/C	27.36	25.03	1.93	6.40	34.64	67.41

* 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"	194.11	194.11	382.98	382.98
3/8"	194.11	194.11	382.98	382.98
1/2"	194.11	194.11	382.98	382.98
3/4"	241.30	241.30	527.25	#####
1"	322.64	322.64	637.43	637.43
1 1/4"	411.84	411.84	786.94	786.93
1 1/2"	543.04	543.04	1,078.13	1,078.13
2"	705.65	705.65	1,419.13	1,419.13

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"	241.30	241.30	527.25	527.25
3/4"	322.64	322.64	637.43	637.43
1"	411.84	411.84	786.94	786.94
1 1/4"	543.04	543.04	1,078.13	1,078.13
1 1/2"	705.65	705.65	1,419.13	1,419.13
2"	939.05	939.05	2,008.09	2,008.09

VALVE ACCESSORY & ASSEMBLY OPTIONS LIST PRICE ADDERS FOR 35 SERIES

IDENTIFIER / SUFFIX		SEAT OPTIONS			ASSEMBLY OPTIONS			
		01	03	06	-AD	-VB	-OC	-LO
REDUCED PORT SIZE	FULL PORT SIZE	VIRGIN PTFE	MULTI-FILL PTFE	PEEK	DRY ASSEMBLED	VENTED BALL	OXYGEN CLEAN	LOCKING OVAL HANDLE
3/8" - 1/4"		12.03	38.53	115.58	7.23	24.09	96.32	25.28
1/2"		12.03	38.53	115.58	7.23	24.09	96.32	25.28
3/4"	1/2"	19.26	55.40	163.75	8.40	36.11	108.33	28.85
1"	3/4"	21.69	69.79	216.71	8.40	40.92	108.33	36.11
1 1/4"	1"	26.49	81.86	248.02	9.62	45.71	120.41	36.11
1 1/2"	1 1/4"	31.30	93.91	279.31	9.62	52.96	120.41	
2"	1 1/2"	40.92	127.59	378.02	12.03	60.19	120.41	
	2"	45.71	156.52	493.59	16.85	84.29	144.49	

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	575.00	80380	575.00	80120	349.08	80230	349.08
3/8"	80131	575.00	80381	575.00	80121	349.08	80231	349.08
1/2"	80132	685.92	80382	685.92	80122	398.38	80232	398.38
3/4"	80133	1,088.47	80383	1,088.47	80123	533.95	80233	533.95
1"	80134	1,449.84	80384	1,449.84	80124	800.94	80234	800.94
1 1/2"	80136	2,501.29	80386	2,501.29	80126	1,322.51	80236	1,322.51
2"	80137	3,971.66	80387	3,971.66	80127	2,595.76	80237	2,595.76

VALVE ACCESSORY LIST PRICE ADDERS FOR 41 SERIES							
SUFFIX		-LL	-LS	-OS	-OH	-OL	-SR*
	STANDARD LEVER HANDLE	STAINLESS LOCKING HANDLE	STAINLESS SPRING LOADED LOCKING HANDLE	STAINLESS OVAL HANDLE	OVAL HANDLE	SPRING LOADED OVAL LOCKING HANDLE	SPRING RETURN HANDLE*
SIZE							
1/2"	5.79	13.48	24.80	29.74		31.10	POA
3/4"	7.23	20.56	27.66	30.47	28.24	31.86	POA
1"	7.23	20.56	27.66	30.47	28.24		POA
1 1/2"	41.98	45.36	50.30				
2"	41.98	45.36	50.30				

INTERNAL & ASSEMBLY OPTION LIST PRICE ADDERS FOR 41 SERIES							
IDENTIFIER	-01	-03	-07	-06	-GB	-AD	-VB
	VIRGIN PTFE	250# STEAM SEAT	DELTRIN	PEEK	GROUNDED BALL & STEM	DRY ASSEMBLY	BALL VENTING
SIZE							
1/2"	5.79	26.05	37.63	POA	27.40	5.79	21.72
3/4"	5.79	26.05	37.63	POA	27.40	5.79	24.61
1"	7.23	52.10	69.47	POA	27.40	5.79	24.61
1 1/2"	7.23	83.95	104.21	POA	27.40	7.23	39.10
2"	28.94	141.87	170.78	POA	27.40	7.23	39.10

*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	54.03	CF	77.59	94112	75.01	CF	65.19
3/4"	94103	62.15	CF	85.71	94113	83.13	CF	73.31
1"	94104	83.75	CF	111.26	94114	109.34	CF	95.55
1 1/4"	94105	126.71	CF	154.22	94115	152.29	CF	138.51
1 1/2"	94106	174.95	CF	232.61	94116	217.54		
2"	94107	225.61	CF	283.27	94117	268.20		

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	69.71	CF	93.27	CF	90.69	CF	80.87
3/4"	95103	91.88	CF	115.44	CF	112.86	CF	103.04
1"	95104	110.75	CF	138.27	CF	136.34	CF	122.56
1 1/4"	95105	162.11	CF	189.62	CF	187.70	CF	173.91
1 1/2"	95106	222.09	CF	279.76	CF	264.68		
2"	95107	275.05	CF	332.72	CF	317.64		

VALVE ACCESSORY LIST PRICE ADDERS FOR 54 SERIES				
SUFFIX	-LL	-OH	-TH	-
	LOCKING HANDLE	OVAL HANDLE	"T" HANDLE	CS HANDLE (STD)
SIZE				
1/2"	23.56	20.98	11.16	7.04
3/4"	23.56	20.98	11.16	7.04
1"	27.51	25.58	11.80	10.24
1 1/4"	27.51	25.58	11.80	10.24
1 1/2"	57.67	42.59		21.83
2"	57.67	42.59		21.83

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"	695.16	975.84	865.67	1,508.38
1-1/2"	975.84	1,041.42	1,122.75	3,016.69
2"	1,232.92	1,773.30	1,634.30	3,496.77
2-1/2"	1,521.47	2,446.68	2,507.80	4,311.03
3"	2,308.45	3,370.85	3,229.21	5,262.22
4"	3,260.69	4,375.55	4,624.85	7,145.68
6"	7,974.62	10,886.46	11,544.84	13,310.30
MODEL	F201CSN3		F201SSN3	
	CARBON STEEL BODY W/ STAINLESS STEEL BALL & STEM - GEAR OPERATED		STAINLESS STEEL BODY, BALL & STEM - GEAR OPERATED	
8" W/GEAR	17,641.28		23,543.56	
10" W/GEAR	29,173.00		32,383.86	
12" W/GEAR	39,629.20		58,020.73	

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"	789.53	39.38	POA	POA	POA
2 1/2"	917.42	51.67	POA	POA	POA
3"	917.42	63.95	POA	POA	POA
4"	1,109.29	115.60	POA	POA	POA
6"	1,109.29	127.90	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

F90 SERIES FLANGED (NON FIRESAFE)

MODEL	CLASS 150	CLASS 300	CLASS 150	CLASS 300
	F90CS150RN1	F90CS300RN1	F90SS150RN1	F90SS300RN1
SIZE	CARBON BODY STAINLESS, BALL & STEM	CARBON BODY, STAINLESS BALL & STEM	STAINLESS BODY, STAINLESS BALL & STEM	STAINLESS BODY, STAINLESS BALL & STEM
1/2"	324.22	507.96	443.10	883.54
3/4"	437.72	664.67	472.87	1,069.98
1"	521.46	697.09	661.97	1,256.40
1 1/2"	915.94	1,264.47	1,307.71	2,077.79
2"	1,042.94	1,391.49	1,637.37	2,296.63
3"	1,899.43	2,842.45	2,580.33	3,931.30
4"	3,158.56	4,233.94	3,771.89	5,971.28
6"	6,003.71	8,213.90	7,549.20	11,004.97

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"

F91 SERIES FLANGED (FIRESAFE)

MODEL	CLASS 150	CLASS 300	CLASS 150	CLASS 300
	F91CS150RN1	F91CS300RN1	F91SS150RN1	F91SS300RN1
SIZE	CARBON BODY STAINLESS TRIM	CARBON BODY STAINLESS TRIM	STAINLESS BODY STAINLESS TRIM	STAINLESS BODY STAINLESS TRIM
1/2"	359.37	564.71	489.05	980.82
3/4"	486.36	737.64	529.57	1,194.27
1"	578.21	772.78	737.64	1,404.99
1 1/2"	1,018.62	1,404.99	1,461.77	2,318.27
2"	1,159.10	1,545.48	1,823.80	2,564.12
3"	2,107.49	3,158.56	2,877.56	4,387.93
4"	3,509.80	4,704.07	4,209.62	6,662.98
6"	6,668.36	9,124.43	8,427.36	12,285.69

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"	787.89	81.75	51.49	12.05
3/4"	787.89	81.75	51.49	12.05
1"	787.89	81.75	51.49	12.05
1 1/2"	787.89	110.81	58.26	19.62
2"	787.89	110.81	58.26	19.62
3"	853.76		109.10	27.87
4"	1,048.80		154.53	32.91
6"	1,048.80		196.97	43.71

INTERNAL & ASSEMBLY OPTION LIST PRICE ADDERS FOR F90/91 SERIES									
SUFFIX	SEATING OPTIONS			GROUNDING OPTIONS		DRY ASSEMBLY	BALL VENTING	OXYGEN CLEANING	CHLORINE CLEANING
	-01	-03	-06	-GB	-GS	-AD	-VB	-OC	-CC
SIZE	VIRGIN PTFE	MULTI-FILL PTFE 250# STEAM	PEEK	GROUNDED BALL & STEM	GROUNDED STEM	DRY ASSEMBLY	SS BALL VENTING	STAINLESS ONLY	STAINLESS ONLY
1/2"	2.69	18.54	POA	24.95	STD	5.31	17.95	POA	POA
3/4"	2.69	18.54	POA	24.95	STD	5.31	17.95	POA	POA
1"	2.57	18.54	POA	24.95	STD	5.31	17.95	POA	POA
1 1/2"	3.73	22.20	POA	24.95	STD	7.00	31.01	POA	POA
2"	3.73	27.84	POA	24.95	STD	7.00	31.01	POA	POA
3"	5.06	32.97	POA	24.95	STD	13.21	76.89	POA	POA
4"	5.06	32.97	POA	24.95	STD	13.21	76.89	POA	POA
6"	10.22	55.17	POA	24.95	STD	21.02	76.89	POA	POA