



Commercial and Industrial **BAL-0515** 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.

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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"	29.68	40.47	34.23	44.68	75.50	44.50	38.77	43.33	42.56	66.38	38.70
3/8"	29.68	40.47	34.23	44.68	75.50	44.50	38.77	43.33	42.56	66.38	38.70
1/2"	29.68	40.47	34.23	44.68	75.50	44.50	38.77	43.33	42.56	66.38	38.70
3/4"	48.78	63.17	53.33	66.97	98.09	73.18	61.34	65.77	61.67	85.48	59.72
1"	53.91	68.29	58.46	72.10	103.22	95.38	66.47	70.90	66.79	90.60	84.99
1 1/4"	104.13	125.80	108.68	136.72		156.22	122.29	134.46	126.89	148.14	134.60
1 1/2"	132.89	154.56	137.44	165.48		199.35	151.05	163.22	155.65	176.90	166.57
2"	167.38	189.05	171.93	199.97		251.04	193.66	197.71	190.14	211.39	232.11
2 1/2"	814.22	835.90	818.77			1,221.31	840.50		836.98	858.23	
3"	925.26	946.94	929.81			1,387.89	951.54		948.02	969.27	

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"	37.01	51.34	46.25	57.04	50.80	55.34	59.14	82.95		
3/8"	37.01	51.34	46.25	57.04	50.80	55.34	59.14	82.95		
1/2"	37.01	51.34	46.25	57.04	50.80	55.34	59.14	82.95	47.95	64.47
3/4"	57.21	75.07	84.08	98.47	88.64	96.65	96.97	120.78	64.76	100.05
1"	73.17	91.03	97.94	112.32	102.49	110.50	110.82	134.64		
1 1/4"	119.76	151.71	169.94	191.61	174.49	188.10	192.70	213.95		
1 1/2"	152.91	184.85	228.77	250.45	233.32	246.94	251.53	272.78		
2"	192.52	222.98	307.00	328.68	311.55	333.28	329.76	351.01		
2 1/2"			1,204.53	1,226.21	1,209.08	1,230.81		1,248.54		
3"			1,372.76	1,394.44	1,377.31	1,399.04		1,416.77		

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"	10.79	4.55	15.00	45.82	9.09	13.66	12.89	36.70	15.96	54.82	35.08
3/8"	10.79	4.55	15.00	45.82	9.09	13.66	12.89	36.70	15.96	54.82	35.08
1/2"	10.79	4.55	15.00	45.82	9.09	13.66	12.89	36.70	15.96	54.82	35.08
3/4"	14.39	4.55	18.19	49.31	12.56	16.99	12.89	36.70	17.43	64.70	35.08
1"	14.39	4.55	18.19	49.31	12.56	16.99	12.89	36.70	17.43	64.70	35.08
1 1/4"	21.68	4.55	32.59		18.17	30.33	22.76	44.01	34.14	85.53	50.44
1 1/2"	21.68	4.55	32.59		18.17	30.33	22.76	44.01	34.14	85.53	50.44
2"	21.68	4.55	32.59		26.28	30.33	22.76	44.01	36.74	85.53	50.44
2 1/2"	21.68	4.55			26.28		22.76	44.01	36.74		
3"	21.68	4.55			26.28		22.76	44.01	36.74		

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

NEW

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"	41.10	51.89	45.65	56.10	50.19	54.75	53.98	77.80	76.18
3/4"	66.98	81.37	71.53	85.17	79.54	83.97	79.87	103.68	102.06
1"	93.61	107.99	98.16	111.80	106.17	110.60	106.49	130.30	128.69
1 1/4"	182.63	204.30	187.18	215.22	200.79	212.96	205.39	226.64	233.07
1 1/2"	222.39	244.06	226.94	254.98	240.55	252.72	245.15	266.40	272.83
2"	298.04	319.71	302.59	330.63	324.32	328.37	320.80	342.05	348.48

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"	57.67	68.46	62.22	66.76	70.56	94.37	92.75	53.66	70.18
3/4"	102.28	116.67	106.84	114.85	115.17	138.98	137.36	73.86	109.15
1"	137.64	152.02	142.19	150.20	150.52	174.34	172.72		
1 1/4"	248.44	270.11	252.99	266.60	271.20	292.45	298.88		
1 1/2"	318.27	339.95	322.82	336.44	341.03	362.28	368.71		
2"	437.66	459.34	442.21	463.94	460.42	481.67	488.10		

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"	29.68	40.47	34.23	44.68	75.50	44.50	38.77	43.33	42.56	66.38
1/2"	29.68	40.47	34.23	44.68	75.50	44.50	38.77	43.33	42.56	66.38
3/4"	48.78	63.17	53.33	66.97	98.09	73.18	61.34	65.77	61.67	85.48
1"	53.91	68.29	58.46	72.10	103.22	95.38	66.47	70.90	66.79	90.60
1 1/4"	104.13	125.80	108.68	136.72		156.22	122.29	134.46	126.89	148.14
1 1/2"	132.89	154.56	137.44	165.48		199.35	159.17	163.22	155.65	176.90
2"	167.38	189.05	171.93	199.97		251.04	193.66	197.71	190.14	211.39
2 1/2"	814.22	835.90	818.77			1,221.31	840.50		836.98	858.23
3"	925.26	946.94	929.81			1,387.89	951.54		948.02	969.27

BRONZE BODY,SS BALL/STEM

MODEL	BRONZE BODY,SS BALL/STEM						HOSE END	
	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"	46.25	57.04	50.80	55.34	59.14	82.95		
1/2"	46.25	57.04	50.80	55.34	59.14	82.95	47.95	64.47
3/4"	84.08	98.47	88.64	96.65	96.97	120.78	64.76	100.05
1"	97.94	112.32	102.49	110.50	110.82	134.64		
1 1/4"	169.94	191.61	174.49	188.10	192.70	213.95		
1 1/2"	228.77	250.45	233.32	246.94	251.53	272.78		
2"	307.00	328.68	311.55	333.28	329.76	351.01		
2 1/2"	1,204.52	1,226.20	1,209.07	1,230.80	1,227.28	1,248.53		
3"	1,372.76	1,394.44	1,377.31	1,399.04	1,395.52	1,416.77		

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"	10.79	4.55	15.00	45.82	9.09	13.66	12.89	36.70	15.96	54.82	35.08
1/2"	10.79	4.55	15.00	45.82	9.09	13.66	12.89	36.70	15.96	54.82	35.08
3/4"	14.39	4.55	18.19	49.31	12.56	16.99	12.89	36.70	17.43	64.70	35.08
1"	14.39	4.55	18.19	49.31	12.56	16.99	12.89	36.70	17.43	64.70	35.08
1 1/4"	21.68	4.55	32.59		18.17	30.33	22.76	44.01	34.14	85.53	50.44
1 1/2"	21.68	4.55	32.59		18.17	30.33	22.76	44.01	34.14	85.53	50.44
2"	21.68	4.55	32.59		26.28	30.33	22.76	44.01	36.74	85.53	50.44
2 1/2"	21.68	4.55			26.28		22.76	44.01	36.74		
3"	21.68	4.55			26.28		22.76	44.01	36.74		

* 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 150# SWP

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"	21.00	26.45	37.50	33.86	27.57	37.92
3/8"	21.00	26.45	37.50	33.86	27.57	37.92
1/2"	21.00	26.45	37.50	33.86	27.57	37.92
3/4"	28.98	34.43	45.48	41.84	35.55	45.90
1"	46.63	52.46	64.92	63.80	53.20	67.29
1 1/4"	81.54	87.37	99.83	98.72	88.11	102.21
1 1/2"	106.27	113.57	128.24	133.15	112.84	134.47
2"	128.38	135.68	150.34	155.26	134.95	156.57
2 1/2"	430.96	438.26		464.79		
3"	654.30	661.60		688.14		
4"	1,277.45	1,284.75		1,311.28		

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"	21.00	26.45	37.50	33.86	27.57	37.92
1/2"	21.00	26.45	37.50	33.86	27.57	37.92
3/4"	28.98	34.43	45.48	41.84	35.55	45.90
1"	46.63	52.46	64.92	63.80	53.20	67.29
1 1/4"	81.54	87.37	99.83	98.72	88.11	102.21
1 1/2"	106.27	113.57	128.24	133.15	112.84	134.47
2"	128.38	135.68	150.34	155.26	134.95	156.57
2 1/2"	430.96	438.26		464.79		
3"	654.30	661.60		688.14		

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" - 1/2"	5.45	16.50	12.86	6.57	16.92
3/4"	5.45	16.50	12.86	6.57	16.92
1"	5.83	18.29	17.18	6.57	20.67
1 1/4"	5.83	18.29	17.18	6.57	20.67
1 1/2"	7.30	21.97	26.88	6.57	28.20
2"	7.30	21.97	26.88	6.57	28.20
2 1/2"	7.30		33.83		54.49
3"	7.30		33.83		54.49
4"	7.30		33.83		54.49

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"	76.03	86.82	80.58	91.03	121.85	114.07	85.12	88.92	112.73	112.49
3/8"	76.03	86.82	80.58	91.03	121.85	114.07	85.12	88.92	112.73	112.49
1/2"	87.82	98.61	92.38	102.82	124.28	131.68	96.91	100.71	124.52	124.28
3/4"	107.99	122.38	112.54	126.18	146.30	162.03	120.55	120.88	144.69	144.45
1"	141.99	163.67	146.54	174.58	177.91	212.98	160.16	164.75	213.26	195.12
1 1/4"	203.54	225.22	208.09	236.13		305.30	221.71	226.30	247.55	256.67
1 1/2"	264.10	285.78	268.66	296.69		396.18	282.27	286.86	308.11	317.23
2"	487.03	508.71	491.58			730.54	513.31	509.79	537.10	540.16
2 1/2"	958.01	1,001.76								
3"*	958.01	1,001.76								

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"	100.07	110.86	104.63	115.07	145.90	150.17	109.16	112.96	136.77	136.53
3/8"	100.07	110.86	104.63	115.07	145.90	150.17	109.16	112.96	136.77	136.53
1/2"	124.65	135.44	129.20	139.65	170.47	187.00	133.74	137.53	161.34	161.11
3/4"	148.42	162.80	152.97	166.61	197.73	222.55	160.98	161.30	185.11	184.88
1"	215.71	237.39	220.26	248.30	265.02	323.58	233.88	238.47	259.72	268.84
1 1/4"	292.24	313.92	296.79	324.83		438.33	310.41	315.00	336.25	345.37
1 1/2"	371.43	393.10	375.98	404.02		557.18	389.60	394.19	415.44	424.56
2"	606.45	628.13	611.00			909.68	632.73	629.21	656.52	659.58
2 1/2"	1,214.39	1,258.14								
3"*	1,214.39	1,258.14								

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"	10.79	4.55	15.00	45.82	9.09	12.89	36.70	15.96	54.82	36.46
3/8"	10.79	4.55	15.00	45.82	9.09	12.89	36.70	15.96	54.82	36.46
1/2"	10.79	4.55	15.00	45.82	9.09	12.89	36.70	15.96	54.82	36.46
3/4"	14.39	4.55	18.19	49.31	12.56	12.89	36.70	17.43	64.70	36.46
1"	21.68	4.55	32.59	49.31	18.17	22.76	44.01	34.14	85.53	53.13
1 1/4"	21.68	4.55	32.59		18.17	22.76	44.01	34.14	85.53	53.13
1 1/2"	21.68	4.55	32.59		18.17	22.76	44.01	34.14	85.53	53.13
2"	21.68	4.55			26.28	22.76	50.07		111.84	53.13

* 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"	454.19	468.57	472.38	503.50	466.75	490.65
1"	555.15	576.83	587.74	604.46	573.32	608.28
1 1/4"	891.63	913.30	924.22		909.80	944.76
1 1/2"	925.26	946.94	957.85		943.43	978.39
2"	1,043.01	1,064.69			1,069.29	1,096.14

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"	521.49	535.88	534.05	553.95
1"	622.45	636.83	640.62	675.58
1 1/4"	992.43	1,014.10	1,010.60	1,045.56
1 1/2"	1,029.54	1,051.22	1,047.71	1,082.67
2"	1,160.80	1,182.48	1,187.08	1,213.93

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"	10.79	15.00	45.82	9.09	15.96	36.46
3/8"	10.79	15.00	45.82	9.09	15.96	36.46
1/2"	10.79	15.00	45.82	9.09	15.96	36.46
3/4"	14.39	18.19	49.31	12.56	17.43	36.46
1"	21.68	32.59	49.31	18.17	34.14	53.13
1 1/4"	21.68	32.59		18.17	34.14	53.13
1 1/2"	21.68	32.59		18.17	34.14	53.13
2"	21.68			26.28		53.13

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"	76.03	86.82	80.58	91.03	121.85	114.07	85.12	88.92	112.73	112.49
1/2"	87.82	98.61	92.38	102.82	124.28	131.68	100.38	100.71	124.52	124.28
3/4"	107.99	122.38	112.54	126.18	146.30	162.03	126.16	120.88	144.69	144.45
1"	141.99	163.67	146.54	174.58	177.91	212.98	160.16	164.75	213.26	195.12
1 1/4"	203.54	225.22	208.09	236.13		305.30	221.71	226.30	247.55	256.67
1 1/2"	264.10	285.78	268.66	296.69		396.18	290.38	286.86	308.11	317.23
2"	487.03	508.71	491.58			730.54	487.03	509.79	537.10	540.16
2 1/2"	958.01	1,001.76								
3"*	958.01	1,001.76								

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"	100.07	110.86	104.63	115.07	145.90	150.17	109.16	112.96	136.77	136.53
1/2"	124.65	135.44	129.20	139.65	170.47	187.00	133.74	137.53	161.34	161.11
3/4"	148.42	162.80	152.97	166.61	197.73	222.55	160.98	161.30	185.11	184.88
1"	215.71	237.39	220.26	248.30	265.02	323.58	233.88	238.47	259.72	268.84
1 1/4"	292.24	313.92	296.79	324.83		438.33	310.41	315.00	336.25	345.37
1 1/2"	371.43	393.10	375.98	404.02		557.18	389.60	394.19	415.44	424.56
2"	606.45	628.13	611.00			909.68	632.73	629.21	656.52	659.56
2 1/2"	1,214.39	1,258.14								
3"*	1,214.39	1,258.14								

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"	10.79	4.55	15.00	45.82	9.09	12.89	36.70	15.96	54.82	36.46	61.53
1/2"	10.79	4.55	15.00	45.82	9.09	12.89	36.70	15.96	54.82	36.46	61.53
3/4"	14.39	4.55	18.19	49.31	12.56	12.89	36.70	17.43	64.70	36.46	61.53
1"	21.68	4.55	32.59	49.31	18.17	22.76	44.01	34.14	85.53	53.13	61.53
1 1/4"	21.68	4.55	32.59		18.17	22.76	44.01	34.14	85.53	53.13	61.53
1 1/2"	21.68	4.55	32.59		18.17	22.76	44.01	34.14	85.53	53.13	61.53
2"	21.68	4.55			26.28	22.76	50.07		111.84	53.13	61.53

* 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"	180.85	191.65	195.85	189.94	242.40	214.39
3/4"	189.24	203.63	207.43	201.80	250.78	223.24
1"	251.54	273.22	284.13	269.71	313.08	293.86
1 1/4"	345.69	367.37	378.28	363.86	407.23	391.26
1 1/2"	411.31	432.99	443.90	429.48	472.85	464.19
2"	592.51	614.19		618.79	654.05	638.82
2 1/2"	1,959.43	2,003.18			2,020.97	2,006.16
3"	1,959.43	2,003.18			2,020.97	2,006.16

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"	204.91	215.70	219.91	214.00	266.45	238.73
3/4"	231.26	245.65	249.45	243.82	292.80	265.25
1"	329.02	350.70	361.61	347.19	390.56	371.34
1 1/4"	436.04	457.72	468.63	454.21	497.58	481.89
1 1/2"	526.58	548.26	559.17	544.75	588.13	563.69
2"	725.89	747.57		752.17	787.43	764.82
2 1/2"	2,213.81	2,257.56			2,275.35	2,260.13
3"	2,213.81	2,257.56			2,275.35	2,260.13

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"	10.79	15.00	45.82	9.09	61.54
3/4"	14.39	18.19	49.31	12.56	61.54
1"	21.68	32.59	49.31	18.17	61.54
1 1/4"	21.68	32.59		18.17	61.54
1 1/2"	21.68	32.59		18.17	61.54
2"	21.68			26.28	61.54
2 1/2"	43.75				61.54
3"	43.75				61.54

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"	29.68	40.47	34.23	44.68	75.50	40.50	38.77	43.33	42.56	66.38
3/8"	29.68	40.47	34.23	44.68	75.50	40.50	38.77	43.33	42.56	66.38
1/2"	29.68	40.47	34.23	44.68	75.50	40.50	38.77	43.33	42.56	66.38
3/4"	48.78	63.17	53.33	66.97	98.09	73.18	61.34	65.77	61.67	85.48
1"	54.41	68.79	58.96	87.00		101.24	72.57	84.74	77.17	98.42
1 1/4"	158.98	180.66	163.53	191.57		239.81	177.15		181.74	202.99
1 1/2"	204.56	226.24	209.11	237.16		308.82	222.73		227.32	248.57
2"	349.10	370.78	353.66			527.01	375.39		371.86	399.17

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"	46.25	57.04	50.80	61.28	92.07	69.43	55.34	59.91	59.14	82.95	
3/8"	46.25	57.04	50.80	61.28	92.07	69.43	55.34	59.91	59.14	82.95	
1/2"	46.25	57.04	50.80	61.28	92.07	69.43	55.34	59.91	59.14	82.95	69.46
3/4"	84.08	98.47	88.64	102.25	133.39	126.18	96.65	101.07	96.97	120.78	110.18
1"	97.94	112.32	102.49	130.53	147.25	182.09	116.10	128.27	120.70	141.95	131.30
1 1/4"	243.11	264.79	247.67			364.72	261.28		265.88	287.13	276.48
1 1/2"	291.88	313.55	296.43			437.77	310.04		314.64	335.89	328.15
2"	488.69	510.36	493.24			733.06	511.45		516.00	538.76	529.31

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	O3 Seats*
1/4"	10.79	4.55	15.00	45.82	9.09	13.66	12.89	36.70	54.82	15.96	35.08	
3/8"	10.79	4.55	15.00	45.82	9.09	13.66	12.89	36.70	54.82	15.96	35.08	
1/2"	10.79	4.55	15.00	45.82	9.09	13.66	12.89	36.70	54.82	15.96	35.08	23.21
3/4"	14.39	4.55	18.19	49.31	12.56	16.99	12.89	36.70	54.82	17.43	35.08	26.10
1"	21.68	4.55	32.59	49.31	18.17	30.33	22.76	44.01	85.53	34.14	50.44	33.36
1 1/4"	21.68	4.55	32.59		18.17	30.33	22.76	44.01	85.53	34.14	50.44	33.36
1 1/2"	21.68	4.55	32.59		18.17	30.33	22.76	44.01	85.53	34.14	50.44	36.27
2"	21.68	4.55			26.28		22.76	50.07	111.84		50.44	40.63

*Requires Stainless Steel Trim Only

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

NEW

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"	41.10	51.89	45.65	56.10	50.19	54.75	53.98	77.80	76.18
3/4"	66.98	81.37	71.53	85.17	79.54	83.97	79.87	103.68	102.06
1"	94.11	115.79	98.66	126.70	112.27	124.44	116.87	138.12	144.55
1 1/4"	237.48	259.16	242.03	270.07	255.65		260.24	281.49	287.92
1 1/2"	294.06	315.74	298.61	326.66	312.23		316.82	338.07	344.50
2"	479.76	501.44	484.31		506.04		502.52	529.83	530.20

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"	57.67	68.46	62.22	72.70	66.76	71.33	70.56	94.37	92.75
3/4"	102.28	116.67	106.84	120.45	114.85	119.27	115.17	138.98	137.36
1"	137.64	159.32	142.19	170.23	155.80	167.97	160.40	181.65	188.08
1 1/4"	321.61	343.29	326.17		339.78		344.38	365.63	372.05
1 1/2"	381.38	403.05	385.93		399.54		404.14	425.39	431.82
2"	619.35	641.03	623.90		645.63		642.11	669.42	669.79

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"	29.68	40.47	34.23	44.68	75.50	40.50	38.77	43.33	42.56	66.38
1/2"	29.68	40.47	34.23	44.68	75.50	40.50	38.77	43.33	42.56	66.38
3/4"	48.78	63.17	53.33	66.97	98.09	73.18	61.34	65.77	61.67	85.48
1"	54.41	68.80	58.96	87.00		101.24	72.57	84.74	77.17	98.42
1 1/4"	158.98	180.66	163.53			239.81	177.15		181.74	202.99
1 1/2"	204.56	226.24	209.11			308.82	222.73		227.32	248.57
2"	349.10	370.78	353.66			527.01	375.39		371.86	399.17

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"	46.25	57.04	50.80	61.28	92.07	69.43	55.34	59.91	59.14	82.95
1/2"	46.25	57.04	50.80	61.28	92.07	69.43	55.34	59.91	59.14	82.95
3/4"	84.08	98.47	88.64	102.25	133.39	126.18	96.65	101.07	96.97	120.78
1"	97.94	112.32	102.49	130.53	147.25	182.09	116.10	128.27	120.70	141.95
1 1/4"	243.11	264.79	247.67			364.72	261.28		265.88	287.13
1 1/2"	291.88	313.55	296.43			437.77	310.04		314.64	335.89
2"	488.69	510.36	493.24			733.06	511.45		516.00	538.76

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
3/8"	10.79	4.55	15.00	45.82	9.09	13.66	12.89	36.70	54.82	15.96	35.08
1/2"	10.79	4.55	15.00	45.82	9.09	13.66	12.89	36.70	54.82	15.96	35.08
3/4"	14.39	4.55	18.19	49.31	12.56	16.99	12.89	36.70	54.82	17.43	35.08
1"	21.68	4.55	32.59	49.31	18.17	30.33	22.76	44.01	85.53	34.14	50.44
1 1/4"	21.68	4.55	32.59		18.17	30.33	22.76	44.01	85.53	34.14	50.44
1 1/2"	21.68	4.55	32.59		18.17	30.33	22.76	44.01	85.53	34.14	50.44
2"	21.68	4.55			26.28		22.76	50.07	111.84		50.44

* 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"	27.80	33.25	34.38	44.72	40.93
3/8"	27.80	33.25	34.38	44.72	40.93
1/2"	27.80	33.25	34.38	44.72	40.93
3/4"	38.73	44.56	45.30	59.40	56.28
1"	65.49	71.32	72.06	86.16	91.81
1 1/4"	105.05	110.89	111.63	125.72	139.63
1 1/2"	132.03	137.86		152.70	166.60
2"	180.89	188.19		209.08	215.46
2 1/2"	701.41	708.71		755.90	735.98
3"	1,028.09	1,035.40		1,082.58	1,062.67
4"	1,059.38				

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"	27.80	33.25	34.38	44.72	40.93
3/4"	38.73	44.56	45.30	59.40	56.28
1"	65.49	71.32	72.06	86.16	91.81
1 1/4"	105.05	110.89	111.63	125.72	139.63
1 1/2"	132.03	139.33		152.70	166.60
2"	180.89	188.19		209.08	215.46
2 1/2"	701.41			755.90	735.98
3"	1,028.09			1,082.58	1,062.67
4"	1,059.38				

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"	5.45	6.57	16.92	13.13	35.08
3/4" - 1"	5.83	6.57	20.67	17.55	35.08
1 1/4 - 1 1/2"	5.83	6.57	20.67	26.32	50.44
2"	7.30	6.57	28.20	34.57	50.44
2-1/2"	7.30		54.49	34.57	
3"	7.30		54.49	34.57	



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*
SIZE	CHROME PLATED BALL	W/ STEM EXTENSION & MEMORY STOP	STAINLESS BALL & STEM	W/ STEM EXTENSION & MEMORY STOP
1/2"	28.54	45.45	44.21	61.13
3/4"	43.35	64.02	78.58	99.26
1"	62.73	87.46	105.60	126.27
1 1/4"	129.03	157.23	212.43	233.10
1 1/2"	171.88	200.05	260.30	280.99
2"	295.80	350.27	435.90	464.09
2 1/2"	738.08	792.56		
3"	948.56	1,003.06		
4"	1,880.00			

PRESS X THREADED END (FNPT)				
MODEL	BA-490B	BA-491B*	BA-490S	BA-491S*
SIZE	CHROME PLATED BALL	W/ STEM EXTENSION & MEMORY STOP	STAINLESS BALL & STEM	W/ STEM EXTENSION & MEMORY STOP
1/2"	25.50	42.43	41.74	58.68
3/4"	39.26	56.18	73.68	94.34
1"	56.60	77.27	99.46	120.15
1 1/4"	115.79	136.44	198.92	219.59
1 1/2"	154.54	182.72	241.89	262.56
2"	265.20	293.40	405.20	433.39

PRESS X HOSE END W/ CAP AND CHAIN		
MODEL	BA-480BH	BA-480SH
SIZE	CHROME PLATED BALL	STAINLESS STEEL BALL & STEM
1/2"	44.54	61.40
3/4"	59.34	95.78

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"	5.45	6.57	16.92	13.13	35.08
3/4" - 1"	5.45	6.57	20.67	17.55	35.08
1 1/4" - 1-1/2"	5.83	6.57	20.67	26.32	50.44
2"	7.30	6.57	28.20	34.57	50.44

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

BA500/BA550 SERIES
2-PIECE / FLANGED/ BRASS BODY 600 WOG/150# SWP
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"	88.40	12	24	44
1"	98.17	12	24	48
1 1/4"	149.80	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"	88.40	12	24	44
1"	98.17	12	24	48
1 1/4"	149.80	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"	47.84
3/8"	47.84
1/2"	50.04
3/4"	78.32
1"	102.24
1 1/4"	169.65
1 1/2"	202.26
2"	271.86
2 1/2"	700.31
3"	826.45

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"	204.03
1/2"	211.00
3/4"	273.56
1"	370.97
1 1/4"	510.08
1 1/2"	612.12
2"	823.07

10 SERIES BALL VALVES-SS & CS

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

CARBON STEEL BODY W/ SS TRIM			STAINLESS STEEL BODY & BALL					
MODEL	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	74.25	Consult Factory		19500	83.31	Consult Factory	
3/8"	19201	74.25	Consult Factory		19501	83.31	Consult Factory	
1/2"	19202	74.25	19212	85.53	19502	83.31	19512	99.03
3/4"	19203	85.53	19213	94.53	19503	105.81	19513	117.06
1"	19204	103.53	19214	114.80	19504	130.57	19514	141.80
1 1/4"	19205	209.34	Consult Factory		19505	222.85	Consult Factory	
1 1/2"	19206	220.60	Consult Factory		19506	290.38	Consult Factory	
2"	19207	276.86	Consult Factory		19507	337.65	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	42.07	1100	55.70	1110	68.22	1120	71.86	1130	77.79
3/8"	101	42.07	1101	55.70	1111	68.22	1121	71.86	1131	77.79
1/2"	102	42.07	1102	55.70	1112	68.22	1122	71.86	1132	77.79
3/4"	103	65.60	1103	86.39	1113	92.64	1123	96.06	1133	104.10
1"	104	77.38	1104	98.18	1114	104.42	1124	107.88	1134	115.88
1 1/4"	105	127.86	1105	152.22	1115	167.05			1135	169.68
1 1/2"	106	158.11	1106	182.47	1116	197.31			1136	199.93
2"	107	193.46	1107	217.79	1117	232.64			1137	235.25

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	58.88	3100	72.50	3230	87.36	3110	\$ 88.66	3120	\$ 94.59
3/8"	2101	58.88	3101	72.50	3231	87.36	3111	\$ 88.66	3121	\$ 94.59
1/2"	2102	58.88	3102	72.50	3232	87.36	3112	\$ 88.66	3122	\$ 94.59
3/4"	2103	99.26	3103	120.03	3233	128.40	3113	\$ 129.73	3123	\$ 137.76
1"	2104	121.10	3104	141.90	3234	150.24	3114	\$ 151.57	3124	\$ 159.61
1 1/4"	2105	188.40	3105	212.77	3235	232.47			3125	\$ 230.22
1 1/2"	2106	248.98	3106	273.34	3236	293.05			3126	\$ 290.81
2"	2107	349.93	3107	374.29	3237	394.00			3127	\$ 391.72

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"	91.22	103.47	114.76	117.45	122.73
3/8"	91.22	103.47	114.76	117.45	122.73
1/2"	91.22	103.47	114.76	117.45	122.73
3/4"	146.33	165.04	170.66	173.18	180.27
1"	177.71	196.42	202.04	204.56	211.65
1 1/4"	341.21	363.14	376.49	381.80	378.04
1 1/2"	353.03	374.96	388.31	393.62	389.86
2"	459.67	481.60	494.95	500.26	496.50

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"	63.97	76.22	87.51	90.20	95.48
3/8"	63.97	76.22	87.51	90.20	95.48
1/2"	66.33	78.58	89.87	92.56	97.84
3/4"	94.77	113.48	119.10	121.62	128.71
1"	123.22	141.93	147.55	150.07	157.16
1 1/4"	229.84	251.77	265.12		266.67
1 1/2"	286.69	308.62	321.97		323.52
2"	386.22	408.15	421.50		423.05

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"	63.97	76.22	87.51	90.20	95.48
3/8"	63.97	76.22	87.51	90.20	95.48
1/2"	66.33	78.58	89.87	92.56	97.84
3/4"	94.77	113.48	119.10	121.62	128.71
1"	123.22	141.93	147.55	150.07	157.16
1 1/4"	229.84	251.77	265.12	270.43	266.67
1 1/2"	286.69	308.62	321.97	327.28	323.52
2"	386.22	408.15	421.50	426.81	423.05

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	98.76	11100	111.01	11160	122.30	11090	124.99	CF	130.27
3/8"	10101	98.76	11101	111.01	11161	122.30	11091	124.99	CF	130.27
1/2"	10102	98.76	11102	111.01	11162	122.30	11092	124.99	CF	130.27
3/4"	10103	145.93	11103	164.64	11163	170.26	11093	172.78	CF	179.87
1"	10104	195.35	11104	214.06	11164	219.68	11094	222.20	CF	229.29
1 1/4"	10105	296.79	11105	318.72	11165	332.07			CF	333.62
1 1/2"	10106	379.85	11106	401.78	11166	415.13			CF	416.68
2"	10107	494.35	11107	516.28	11167	529.63			CF	531.18

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	217.97	13100	230.22	13150	241.51	12120	244.20	CF	249.48
3/8"	12101	217.97	13101	230.22	13151	241.51	12121	244.20	CF	249.48
1/2"	12102	236.68	13102	248.93	13152	260.22	12122	262.91	CF	268.19
3/4"	12103	295.33	13103	314.04	13153	319.66	12123	322.18	CF	329.27
1"	12104	433.47	13104	452.18	13154	457.80	12124	460.32	CF	467.41
1 1/4"	12105	590.37	13105	612.30	13155	625.65			CF	627.20
1 1/2"	12106	768.72	13106	790.65	13156	804.00			CF	805.55
2"	12107	935.07	13107	957.00	13157	970.35	12127	975.66	CF	971.90

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	93.14						
3/8"	30101	93.14			30131	93.14		
1/2"	30102	93.14	31102	106.76	30122	93.14	30122	106.76
3/4"	30103	114.32	31103	135.09	30123	114.32	30123	135.09
1"	30104	150.58	31104	171.36	30124	150.58	30124	171.36
1 1/4"	30105	216.08	31105	240.43	30125	216.08	30125	240.43
1 1/2"	30106	278.84	31106	303.19	30126	278.84	30126	303.19
2"	30107	513.78	31107	538.13	30127	513.78	30127	538.13

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	132.18						
3/8"	32101	132.18			32501	132.18		
1/2"	32102	132.18	33102	145.79	32502	132.18	32532	145.79
3/4"	32103	157.54	33103	178.32	32503	157.54	32533	178.32
1"	32104	229.49	33104	250.25	32504	229.49	32534	250.25
1 1/4"	32105	309.93	33105	334.28	32505	309.93	32535	334.28
1 1/2"	32106	396.67	33106	421.02	32506	396.67	32536	421.02
2"	32107	644.80	33107	669.18	32507	644.80	32537	669.18

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	260.67	39100A	272.92				
3/8"	38101A	260.67	39101A	272.92	39141A	260.67	39111A	272.92
1/2"	38102A	260.67	39102A	272.92	39142A	260.67	39112A	272.92
3/4"	38103A	376.88	39103A	395.59	39143A	376.88	39113A	395.59
1"	38104A	452.43	39104A	471.14	39144A	452.43	39114A	471.14
1 1/4"	38105A	521.32	39105A	543.25	39145A	521.32	39115A	543.25
1 1/2"	38106A	730.16	39106A	752.09	39146A	730.16	39116A	752.09
2"	38107A	950.03	39107A	971.96	39147A	950.03	39117A	971.96

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	145.25	35100A	157.50				
3/8"	34101A	145.25	35101A	157.50	35091A	145.25	35121A	157.50
1/2"	34102A	145.25	35102A	157.50	35092A	145.25	35122A	157.50
3/4"	34103A	194.33	35103A	213.04	35093A	194.33	35123A	213.04
1"	34104A	246.40	35104A	265.11	35094A	246.40	35124A	265.11
1 1/4"	34105A	379.12	35105A	401.05	35095A	379.12	35125A	401.05
1 1/2"	34106A	433.61	35106A	455.54	35096A	433.61	35126A	455.54
2"	34107A	559.19	35107A	581.12	35097A	559.19	35127A	581.12

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	145.25	37100A	157.50				
3/8"	36101A	145.25	37101A	157.50	36501A	145.25	36521A	157.50
1/2"	36102A	145.25	37102A	157.50	36502A	145.25	36522A	157.50
3/4"	36103A	194.33	37103A	213.04	36503A	194.33	36523A	213.04
1"	36104A	246.40	37104A	265.11	36504A	246.40	36524A	265.11
1 1/4"	36105A	379.12	37105A	401.05	36505A	379.12	36525A	401.05
1 1/2"	36106A	433.61	37106A	455.54	36506A	433.61	36526A	455.54
2"	36107A	559.19	37107A	581.12	36507A	559.19	36527A	581.12

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"	12.25	26.23	23.54	26.23	9.18	31.51	28.48	210.00	N/A
3/8"	12.25	26.23	23.54	26.23	9.18	31.51	28.48	210.00	N/A
1/2"	12.25	26.23	23.54	26.23	9.18	31.51	28.48	210.00	225.00
3/4"	18.71	26.72	24.33	26.85	9.75	33.94	29.14	225.00	225.00
1"	18.71	26.72	24.33	26.85	9.75	33.94	29.14	225.00	225.00
1 1/4"	21.93	40.40	35.28	40.59	17.06	36.83	44.07	235.00	235.00
1 1/2"	21.93	40.40	35.28	40.59	17.06	36.83	44.07	235.00	235.00
2"	21.93	40.40	35.28	40.59	17.06	36.83	44.07	235.00	235.00

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"	2.29	N/C	16.36	21.91	1.51	3.49	17.40	50.04
3/8"	2.29	N/C	16.36	21.91	1.51	3.49	17.40	50.04
1/2"	2.29	N/C	16.36	21.91	1.51	3.49	17.40	50.04
3/4"	2.29	N/C	19.24	22.24	1.61	4.65	19.72	54.33
1"	2.80	N/C	19.24	22.24	1.61	4.65	19.72	54.33
1 1/4"	2.80	N/C	24.71	22.61	1.74	5.78	31.29	60.89
1 1/2"	3.37	N/C	24.71	22.61	1.74	5.78	31.29	60.89
2"	3.37	N/C	24.71	22.61	1.74	5.78	31.29	60.89

* 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"	175.34	175.34	345.93	345.93
3/8"	175.34	175.34	345.93	345.93
1/2"	175.34	175.34	345.93	345.93
3/4"	217.96	217.97	476.24	476.24
1"	291.43	291.43	575.77	575.77
1 1/4"	372.00	372.00	710.81	710.81
1 1/2"	490.51	490.51	973.84	973.84
2"	637.39	637.39	1,281.85	1,281.85

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"	217.96	217.96	476.24	476.24
3/4"	291.43	291.43	575.77	575.77
1"	372.00	372.00	710.81	710.81
1 1/4"	490.51	490.51	973.84	973.84
1 1/2"	637.39	637.39	1,281.85	1,281.85
2"	848.21	848.21	1,813.84	1,813.84

VALVE ACCESSORY & ASSEMBLY OPTIONS LIST PRICE ADDERS FOR 35 SERIES

		SEAT OPTIONS			ASSEMBLY OPTIONS			
IDENTIFIER / SUFFIX		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"	1/4"	10.87	34.80	104.40	6.53	21.76	87.00	22.83
1/2"	3/8"	10.87	34.80	104.40	6.53	21.76	87.00	22.83
3/4"	1/2"	17.40	50.04	147.91	7.59	32.62	97.85	26.06
1"	3/4"	19.59	63.04	195.75	7.59	36.96	97.85	32.62
1 1/4"	1"	23.93	73.94	224.03	8.69	41.29	108.76	32.62
1 1/2"	1 1/4"	28.27	84.83	252.29	8.69	47.84	108.76	
2"	1 1/2"	36.96	115.25	341.45	10.87	54.37	108.76	
	2"	41.29	141.38	445.84	15.22	76.14	130.51	

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	389.53	80380	389.53	80120	236.49	80230	236.49
3/8"	80131	389.53	80381	389.53	80121	236.49	80231	236.49
1/2"	80132	464.68	80382	464.68	80122	269.88	80232	269.88
3/4"	80133	737.49	80383	737.38	80123	361.72	80233	361.72
1"	80134	982.19	80384	982.19	80124	542.59	80234	542.59
1 1/2"	80136	1,694.49	80386	1,694.49	80126	895.93	80236	895.93
2"	80137	2,690.60	80387	2,690.60	80127	1,758.49	80237	1,758.49

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"	5.23	12.18	22.40	26.86		28.09	POA
3/4"	6.53	18.57	24.98	27.52	25.51	28.78	POA
1"	6.53	18.57	24.98	27.52	25.51		POA
1 1/2"	37.92	40.97	45.43				
2"	37.92	40.97	45.43				

INTERNAL & ASSEMBLY OPTION LIST PRICE ADDERS FOR 41 SERIES							
IDENTIFIER	-01	-03	-07	-06	-GB	-AD	-VB
	VIRGIN PTFE	250# STEAM SEAT	DELFIN	PEEK	GROUNDING BALL & STEM	DRY ASSEMBLY	BALL VENTING
SIZE							
1/2"	5.23	23.53	33.99	POA	24.75	5.23	19.62
3/4"	5.23	23.53	33.99	POA	24.75	5.23	22.23
1"	6.53	47.06	62.75	POA	24.75	5.23	22.23
1 1/2"	6.53	75.83	94.13	POA	24.75	6.53	35.32
2"	26.14	128.15	154.26	POA	24.75	6.53	35.32

*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	48.80	CF	70.08	94112	67.75	CF	58.88
3/4"	94103	56.14	CF	77.42	94113	75.09	CF	66.22
1"	94104	75.65	CF	100.50	94114	98.76	CF	86.31
1 1/4"	94105	114.45	CF	139.30	94115	137.56	CF	125.11
1 1/2"	94106	158.02	CF	210.11	94116	196.49		
2"	94107	203.78	CF	255.87	94117	242.25		

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	62.97	CF	84.25	CF	81.92	CF	73.05
3/4"	95103	82.99	CF	104.27	CF	101.94	CF	93.07
1"	95104	100.04	CF	124.89	CF	123.15	CF	110.70
1 1/4"	95105	146.43	CF	171.28	CF	169.54	CF	157.09
1 1/2"	95106	200.61	CF	252.70	CF	239.08		
2"	95107	248.44	CF	300.53	CF	286.91		

VALVE ACCESSORY LIST PRICE ADDERS FOR 54 SERIES				
SUFFIX	-LL	-OH	-TH	-
SIZE	LOCKING HANDLE	OVAL HANDLE	"T" HANDLE	CS HANDLE (STD)
1/2"	21.28	18.95	10.08	6.36
3/4"	21.28	18.95	10.08	6.36
1"	24.85	23.11	10.66	9.25
1 1/4"	24.85	23.11	10.66	9.25
1 1/2"	52.09	38.47		19.72
2"	52.09	38.47		19.72

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"				
1"	627.92	881.44	781.93	1,362.47
1-1/2"	881.44	940.68	1,014.14	2,724.87
2"	1,113.65	1,601.76	1,476.20	3,158.51
2-1/2"	1,374.29	2,210.00	2,265.21	3,894.00
3"	2,085.14	3,044.76	2,916.83	4,753.17
4"	2,945.26	3,952.27	4,177.46	6,454.44
6"	7,203.19	9,833.35	10,428.03	12,022.71
MODEL	F201CSN3		F201SSN3	
	CARBON STEEL BODY W/ STAINLESS STEEL BALL & STEM - GEAR OPERATED		STAINLESS STEEL BODY, BALL & STEM - GEAR OPERATED	
8" W/GEAR	15,934.73		21,266.05	
10" W/GEAR	26,350.92		29,251.17	
12" W/GEAR	35,795.63		52,408.04	

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"	713.15	35.57	POA	POA	POA
2 1/2"	828.67	46.67	POA	POA	POA
3"	828.67	57.76	POA	POA	POA
4"	1,001.98	104.42	POA	POA	POA
6"	1,001.98	115.53	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"	292.85	458.82	400.24	798.07
3/4"	395.38	600.37	427.12	966.47
1"	471.02	629.66	597.93	1,134.86
1 1/2"	827.34	1,142.15	1,181.21	1,876.80
2"	942.05	1,256.89	1,478.98	2,074.46
3"	1,715.69	2,567.48	2,330.72	3,551.00
4"	2,853.01	3,824.36	3,407.01	5,393.64
6"	5,422.94	7,419.32	6,818.92	9,940.39

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"	324.61	510.08	441.74	885.94
3/4"	439.31	666.28	478.34	1,078.74
1"	522.27	698.03	666.28	1,269.08
1 1/2"	920.08	1,269.08	1,320.37	2,094.01
2"	1,046.98	1,395.98	1,647.38	2,316.08
3"	1,903.62	2,853.01	2,599.19	3,963.46
4"	3,170.28	4,249.02	3,802.40	6,018.43
6"	6,023.29	8,241.77	7,612.13	11,097.22

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"	711.67	73.84	46.51	10.88
3/4"	711.67	73.84	46.51	10.88
1"	711.67	73.84	46.51	10.88
1 1/2"	711.67	100.09	52.62	17.72
2"	711.67	100.09	52.62	17.72
3"	771.17		98.55	25.17
4"	947.34		139.58	29.73
6"	947.34		177.92	39.48

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"	2.43	16.75	POA	22.54	STD	4.80	16.21	POA	POA
3/4"	2.43	16.75	POA	22.54	STD	4.80	16.21	POA	POA
1"	2.32	16.75	POA	22.54	STD	4.80	16.21	POA	POA
1 1/2"	3.37	20.05	POA	22.54	STD	6.32	28.01	POA	POA
2"	3.37	25.15	POA	22.54	STD	6.32	28.01	POA	POA
3"	4.57	29.78	POA	22.54	STD	11.93	69.45	POA	POA
4"	4.57	29.78	POA	22.54	STD	11.93	69.45	POA	POA
6"	9.23	49.83	POA	22.54	STD	18.99	69.45	POA	POA