



BALL VALVE DIMENSIONAL DATA
(All Valve Dimensions are in Inches)

Working Pressure psi	Nom. Size	Ball Valve Model	B Ball Port Diameter	L1 Body Grp Length	L Length of Weld Ends	D Body Width	A Height Below C/L	C Height Above C/L	H Height of Std Extns	G Length of Std Extns	K GOP Shaft Offset	W Hdwl Diameter	E C/L Valve to C/L Hdwl	J C/L Valve to Hdwl Face	Weight * lbs.	End Con
ANSI 1500 (3,705 PSI CWP)	1/2 - 1	B811013	0.81	4.00	12.00	4.13	2.06	5.31	7.88	12	-	-	-	-	28	S X S
	2	B812024	1.50	5.00	15.50	5.50	2.75	5.75	9.50	16	-	-	-	-	58	S X S
	3	B373033	2.06	5.00	16.50	6.25	3.13	6.02	11.25	16	-	-	-	-	68	S X S
	3	B503041	2.56	7.00	18.50	8.00	4.00	8.35	12.50	24	-	-	-	-	122	S X S
	4	B374053	3.31	8.00	21.00	9.00	4.50	8.83	13.00	24	3.40	14.00	7.76	10.25	170	W X S
	4	B374060	3.75	10.00	21.50	10.00	5.00	9.58	14.63	32	3.40	16.00	8.66	11.45	242	W X S
	6	B376083	5.19	12.00	23.50	13.00	6.50	11.80	19.50	48	5.12	24.00	11.25	14.25	510	W X S
	8	B508113	7.06	15.00	29.00	16.25	8.13	-	-	-	8.31	24.00	12.98	16.70	1020	W X S
	10	B310145	9.06	17.00	32.00	20.00	10.00	-	-	-	10.36	24.00	14.50	18.70	1580	W X S
	API 5,000 (5,000 PSI CWP)	1/2 - 1	B811013	0.81	4.00	12.00	4.13	2.06	5.31	7.88	12	-	-	-	-	28
2		B812024	1.50	5.00	15.50	5.50	2.75	5.75	9.50	16	-	-	-	-	58	S X S
2 1/2		B812529	1.81	5.50	16.00	6.00	3.00	6.00	11.25	16	-	-	-	-	75	S X S
3		B503033	2.06	5.50	17.00	7.00	3.50	7.88	12.00	24	-	-	-	-	75	S X S
3		B503041	2.56	7.00	18.50	8.00	4.00	8.35	12.50	24	-	-	-	-	122	S X S
4		B814052	3.25	10.00	21.50	10.00	5.00	9.45	5.00	32	3.40	24.00	8.54	10.85	260	W X S
6		B816066	4.13	11.00	24.00	11.88	5.94	11.33	19.75	48	5.12	24.00	11.00	14.25	540	W X S
6		B506083	5.19	13.00	26.00	13.00	6.50	11.81	20.13	48	5.12	24.00	11.50	14.25	640	W X S
8		B508113	7.06	15.00	29.00	16.25	8.13	-	-	-	8.31	24.00	12.98	16.70	1020	W X S
10		B810136	8.50	17.00	32.00	20.00	10.00	-	-	-	10.36	36.00	14.33	17.28	1560	W X S
ANSI 2500 (6,170 PSI CWP)	1/2 - 1	B811013	0.81	4.00	12.00	4.13	2.06	5.31	7.88	12	-	-	-	-	28	S X S
	2	B812024	1.50	5.00	15.50	5.50	2.75	5.75	9.50	16	-	-	-	-	58	S X S
	2 1/2	B812529	1.81	5.50	16.00	6.00	3.00	6.00	11.25	16	-	-	-	-	75	S X S
	3	B813036	2.25	7.00	19.50	8.00	4.00	8.32	12.50	24	-	-	-	-	130	S X S
	4	B814052	3.25	10.00	21.50	10.00	5.00	9.45	5.00	32	3.40	24.00	8.54	10.85	260	W X S
	6	B816066	4.13	11.00	24.00	11.88	5.94	11.33	19.75	48	5.12	24.00	11.00	14.25	540	W X S
	6	B816076	4.75	13.00	26.00	13.00	6.50	11.75	19.50	48	5.12	24.00	11.50	14.25	770	W X S
	8	B108112	7.06	18.00	35.00	21.00	11.00	-	-	-	10.36	24.00	16.35	18.70	1627	W X S
	10	B810136	8.50	17.00	32.00	20.00	10.00	-	-	-	10.36	36.00	14.33	17.28	1560	W X S
	API 10,000 (10,000 PSI CWP)	1/2 - 1	B101013	0.81	4.00	12.00	4.13	2.06	5.31	7.88	12	-	-	-	-	20
2		B102024	1.50	5.50	16.00	6.13	3.06	6.09	11.63	16	-	-	-	-	89	S X S
2 1/2		B102529	1.81	5.50	16.00	6.63	3.31	6.32	11.88	16	-	-	-	-	100	S X S
3		B103034	2.13	7.00	16.50	7.88	3.94	8.60	12.63	24	-	-	-	-	160	W X W
3		B103042	2.63	8.00	18.00	9.00	4.50	9.25	14.25	32	-	-	-	-	230	W X W
4		B104050	3.13	9.00	19.50	9.88	4.94	9.50	14.69	32	3.39	24.00	8.71	10.85	300	W X W
6		B106066	4.13	12.00	24.50	12.75	6.38	11.75	19.38	48	5.12	24.00	11.50	14.25	650	W X S
6		B106082	5.13	15.00	29.00	15.75	7.88	-	-	-	10.36	24.00	13.10	18.70	1101	W X S
8		B108096	6.06	15.00	29.00	16.25	8.13	-	-	-	8.31	24.00	13.50	16.70	1344	W X S
8		B108112	7.06	18.00	35.00	21.00	11.00	-	-	-	10.36	24.00	16.35	18.70	1627	W X S

Standard end connection: W=Weldneck flanges and S=Swivel flanges, others are available: Flanged, Threaded, Socket weld, etc.

*Weights are with end connections and less gear boxes.

Special valves available to meet many requirements.



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