



VALVE DEPICTS 12" 150 SIZE WITH LS-3A ACTUATOR

FLANGE DIMENSIONS, INCHES

VALVE SIZE	AWWA PRESS. CLASS	A	B	C	D	E	F	G	H	J	K	L	M1	M2	Q	T	ACT. SIZE	TURNS TO OPEN	NO. OF BOLTS	BOLT SIZE	SHPG. WT.
4	150	12.38	7.50	9.00	0.95	11.75	7.25	10.25	1.50	12.58	9.38	8	8.25	7.11	0.75	2.00	LS-1A	15	8	5/8	160
	300	13.00	7.88	10.00	1.25	11.75	7.25	10.50	1.50	12.58	9.38	8	9.25	7.87	0.88	2.38	LS-1A	15	8	3/4	177
6	150	15.75	9.50	11.00	1.00	14.75	8.50	11.38	2.00	13.63	11.25	12	10.13	8.57	0.88	2.25	LS-2.2A	20	8	3/4	245
	300	16.00	10.63	12.50	1.44	15.00	9.50	12.38	2.00	14.63	11.25	12	11.31	9.63	0.88	2.38	LS-2A	20	12	3/4	284
8	150	18.00	11.75	13.50	1.13	17.88	10.38	13.63	2.00	15.88	11.25	12	12.00	10.34	0.88	2.00	LS-2A	20	8	3/4	386
	300	18.00	13.00	15.00	1.63	18.13	11.75	15.00	2.00	17.25	12.25	16	13.25	11.49	1.00	2.00	LS-2A	20	12	7/8	450
	300	18.00	13.00	15.00	1.63	18.13	11.75	16.13	3.50	19.13	13.88	12	13.25	11.49	1.00	2.00	LS-3.2A	35	12	7/8	472
10	150	19.50	14.25	16.00	1.19	21.13	12.38	16.00	3.50	18.88	13.88	12	14.25	12.20	1.00	1.25	LS-3A	35	12	7/8	390
	300	21.13	15.25	17.50	1.88	21.63	13.88	17.50	3.50	20.38	13.88	12	15.25	13.34	1.13	2.00	LS-3A	35	16	1	507
12	150	21.00	17.00	19.00	1.25	24.25	14.38	18.13	3.50	21.13	14.88	16	16.63	14.32	1.00	0.50	LS-3A	35	12	7/8	794
	300	24.00	17.75	20.50	2.00	24.50	16.50	20.25	3.50	23.13	14.88	16	17.68	15.55	1.25	2.00	LS-3A	35	16	1 1/8	1002
	300	24.00	17.75	20.50	2.00	24.50	16.38	20.50	5.00	23.50	16.63	16	17.68	15.55	1.25	2.00	LS4.2A	50	16	1 1/8	1033
14	150	26.25	18.75	21.00	1.38	27.50	16.38	20.25	5.00	23.25	16.63	16	18.50	15.82	1.13	1.63	LS-4A	50	12	1	867
	300	27.75	20.25	23.00	2.13	27.75	18.75	22.38	3.50	25.38	14.88	16	19.75	17.32	1.25	2.38	LS-3A	35	20	1 1/8	1025
	150	26.25	18.75	21.00	1.38	27.50	16.38	20.00	3.50	22.88	14.88	16	18.50	15.82	1.13	1.63	LS-3A	35	12	1	836
	300	27.75	20.25	23.00	2.13	27.75	18.75	22.63	5.00	25.63	19.88	24	19.75	17.32	1.25	2.38	LS-4A	50	20	1 1/8	1079
16	150	27.00	21.25	23.50	1.44	30.63	18.63	22.25	5.00	25.50	19.88	24	20.25	17.59	1.13	0.63	LS-4A	50	16	1	1264
	300	28.13	22.50	25.50	2.25	31.63	21.75	25.35	3.50	28.38	14.88	16	21.68	19.18	1.38	1.13	LS-3A	35	20	1 1/4	1475
	150	27.00	21.25	23.50	1.44	30.63	18.63	22.25	3.50	25.13	14.88	16	20.25	17.59	1.13	0.63	LS-3A	35	16	1	1210
	300	28.13	22.50	25.50	2.25	31.63	21.75	25.63	5.00	28.63	21.38	30	21.68	19.18	1.38	1.13	LS-4A	50	20	1 1/4	1552
18	150	30.00	22.75	25.00	1.56	33.88	20.38	24.38	5.00	27.38	21.38	30	21.75	18.74	1.25	0.63	LS-4A	50	16	1 1/8	1774
	300	31.00	24.75	28.00	2.38	34.50	23.63	27.63	5.00	30.63	21.38	30	23.88	20.94	1.38	1.13	LS-4A	50	24	1 1/4	2132
20	150	32.00	25.00	27.50	1.69	36.75	21.88	25.75	5.00	28.75	21.38	30	23.68	20.50	1.25	0.25	LS-4A	50	20	1 1/8	2375

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AWWA FLANGED BALL VALVE WITH HANDWHEEL ACTUATOR

DATE 5-6-11



VALVE AND MANUFACTURING CORP.

DRWG. NO.

VMC-4104/LSA