



FLANGE DIMENSIONS, INCHES

VALVE SIZE	AWWA C504 CLASS	A	B	C	D	E Qty.	E Tap	E Deep	F	G	H	J	K	L	N	T	TURNS TO OPEN	NO. OF BOLTS	BOLT SIZE	ACTUATOR SIZE	SHPG WT.
3	150B	5.00	6.00	7.50	0.94	4	5/8-11	1.06	6.00	7.56	1.50	9.62	7.62	2.00	2.50	—	15	4	5/8	LS-1	66
	250B	5.62	6.62	8.25	1.25	8	3/4-10	1.38	6.00	7.56	1.50	9.62	7.62	2.00	2.81	—	15	8	3/4	LS-1	75
4	150B	5.00	7.50	9.00	0.94	0	—	—	6.00	7.56	1.50	9.62	7.62	2.00	2.50	—	15	8	5/8	LS-1	71
	250B	5.62	7.88	10.00	1.25	0	—	—	6.00	7.56	1.50	9.62	7.62	2.00	2.81	—	15	8	3/4	LS-1	80
6	150B	5.00	9.50	11.00	1.00	4	3/4-10	1.00	7.00	8.25	1.50	10.38	7.62	2.00	2.80	0.69	15	8	3/4	LS-1	90
	250B	5.88	10.62	12.50	1.44	4	3/4-10	1.44	7.00	8.50	1.50	10.38	7.62	2.00	2.94	0.25	15	12	3/4	LS-1	130
8	150B	6.00	11.75	13.50	1.12	0	—	—	8.00	9.18	1.50	11.25	7.62	2.00	3.00	1.18	15	8	3/4	LS-1	125
	250B	7.00	13.00	15.00	1.62	4	7/8-9	1.62	8.00	9.75	1.50	11.25	7.62	2.00	3.50	0.68	15	12	7/8	LS-1	145
10	150B	8.00	14.25	16.00	1.18	0	—	—	10.00	11.69	2.00	14.12	8.62	2.00	4.00	1.13	20	12	7/8	LS-2	200
	250B	9.38	15.25	17.50	1.88	0	—	—	10.00	11.69	2.00	14.12	8.62	2.00	4.69	0.43	20	16	1	LS-2	225
12	150B	8.00	17.00	19.00	1.25	0	—	—	11.06	12.75	2.00	15.25	8.62	2.00	4.00	2.13	20	12	7/8	LS-2	250
	250B	9.50	17.75	20.50	2.00	0	—	—	11.06	13.00	2.00	15.25	8.62	2.00	4.75	1.38	20	16	8 1/8	LS-2	300
14	150B	8.00	18.75	21.00	1.38	0	—	—	13.50	15.69	3.50	19.00	12.00	2.00	4.00	3.13	35	12	1	LS-3	400
	250B	9.50	20.25	23.00	2.12	4	1 1/8-7	2.12	13.50	15.69	3.50	19.00	12.00	2.00	4.75	2.38	35	20	3/4	LS-3	450
16	150B	8.00	21.25	23.50	1.44	0	—	—	14.62	16.69	3.50	20.00	12.00	2.00	4.00	4.13	35	16	1	LS-3	480
	250B	9.62	22.50	25.50	2.25	4	1 1/4-7	2.25	14.62	16.69	3.50	20.00	12.00	2.00	4.81	3.38	35	20	1 1/4	LS-3	550
18	150B	8.00	22.75	25.00	1.56	4	1 1/8-7	1.56	15.50	18.12	5.00	21.62	13.75	2.00	4.00	5.13	50	16	1 1/8	LS-4	640
	250B	9.62	24.75	28.00	2.38	4	1 1/4-7	2.38	15.50	18.12	5.00	21.62	13.75	2.00	4.81	4.31	50	24	1 1/4	LS-4	750
20	150B	8.00	25.00	27.50	1.69	4	1 1/8-7	1.69	17.50	20.12	5.00	23.62	13.75	2.00	4.00	6.06	50	20	1 1/8	LS-4	775
	250B	9.62	27.00	30.50	2.50	4	1 1/4-7	2.44	17.50	20.12	5.00	23.62	13.75	2.00	4.81	5.25	50	24	1 1/4	LS-4	900
24	150B	8.00	29.50	32.00	1.88	4	1 1/4-7	1.88	20.50	23.12	5.00	26.62	13.75	2.00	4.00	8.06	50	20	1 1/4	LS-4	1,085
	250B	9.75	32.00	36.00	2.75	4	1 1/2-6	2.75	20.50	23.12	5.00	26.62	13.75	2.00	4.88	7.18	50	24	1 1/2	LS-4	1,350

150B & 250B FLANGED BUTTERFLY VALVE WITH BURIED SERVICE ACTUATOR

DATE Revised 6-27-05
3-8-01



VALVE AND MANUFACTURING CORP.

DRWG. NO.

VM-2004/BLSA