



SEE DRAWING NO. VM-2004-M FOR STANDARD 250B MATERIALS OF CONSTRUCTION.

COLD WORKING PRESSURE 250 PSI (250B)

CLASS 125 LB. DUCTILE IRON 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	250B	5.00	6.00	7.50	0.94	4	5/8-11	1.06	6.00	7.56	1.50	9.62	9.38	8.00	2.50	—	15	4	5/8	LS-1	71
4	250B	5.00	7.50	9.00	0.94	0	—	—	6.00	7.56	1.50	9.62	9.38	8.00	2.50	—	15	8	5/8	LS-1	71
6	250B	5.00	9.50	11.00	1.00	4	3/4-10	1.44	7.00	8.25	1.50	10.38	9.38	8.00	2.50	0.25	15	8	3/4	LS-1	90
8	250B	6.00	11.75	13.50	1.12	4	7/8-9	1.62	8.00	9.18	1.50	11.25	9.38	8.00	3.00	0.68	15	8	3/4	LS-1	125
10	250B	8.00	14.25	16.00	1.18	0	—	—	10.00	11.69	2.00	14.12	10.38	12.00	4.00	0.44	20	12	7/8	LS-2	200
12	250B	8.00	17.00	19.00	1.25	0	—	—	11.06	12.75	2.00	15.25	10.38	12.00	4.00	1.38	20	12	7/8	LS-2	250
14	250B	8.00	18.75	21.00	1.38	4	1 1/8-7	2.12	13.50	15.69	3.50	19.00	15.06	20.00	4.00	2.38	35	12	1	LS-3	400
16	250B	8.00	21.25	23.50	1.44	4	1 1/4-7	2.25	14.62	16.69	3.50	20.00	15.06	20.00	4.00	3.38	35	16	1	LS-3	480
18	250B	8.00	22.75	25.00	1.56	4	1 1/4-7	2.38	15.50	18.12	5.00	21.62	18.25	24.00	4.00	4.31	50	16	1 1/8	LS-4	640
20	250B	8.00	25.00	27.50	1.69	4	1 1/4-7	2.44	17.50	20.12	5.00	23.62	18.25	24.00	4.00	5.25	50	20	1 1/8	LS-4	775
24	250B	8.00	29.50	32.00	1.88	4	1 1/2-6	2.75	20.50	23.12	5.00	26.62	18.25	24.00	4.00	7.18	50	20	1 1/4	LS-4	1,085

Revised 8-17-05

250B / 125 LB. DUCTILE IRON FLANGED BUTTERFLY VALVE WITH HANDWHEEL ACTUATOR

DATE 9-6-00



VALVE AND MANUFACTURING CORP.

DRWG. NO.

VM-2404/LSA