



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	T	TURNS TO OPEN	NO. OF BOLTS	BOLT SIZE	ACTUATOR SIZE	SHPG. WT. LBS.
3	250B	5.00	6.00	7.50	0.94	4	5/8-11	1.06	6.00	7.44	1.50	10.13	9.38	8.00	—	15	4	5/8	LS-1A	71
4	250B	5.00	7.50	9.00	0.94	0	—	—	6.00	7.44	1.50	10.13	9.38	8.00	—	15	8	5/8	LS-1A	71
6	250B	5.00	9.50	11.00	1.00	4	3/4-10	1.00	7.00	8.13	1.50	10.81	9.38	8.00	0.69	15	8	3/4	LS-1.2A	90
8	250B	6.00	11.75	13.50	1.12	0	—	—	8.00	9.13	1.50	11.75	9.38	8.00	1.18	15	8	3/4	LS-1.2A	125
10	250B	8.00	14.25	16.00	1.18	0	—	—	10.00	11.50	2.00	14.31	10.38	12.00	1.13	20	12	7/8	LS-2A	200
12	250B	8.00	17.00	19.00	1.25	0	—	—	11.06	12.56	2.00	15.38	10.38	12.00	2.13	20	12	7/8	LS-2A	250
14	250B	8.00	18.75	21.00	1.38	0	—	—	13.50	15.62	3.50	19.19	19.13	20.00	3.13	35	12	1	LS-3A	400
16	250B	8.00	21.25	23.50	1.44	0	—	—	14.62	16.69	3.50	20.19	19.13	20.00	4.13	35	16	1	LS-3A	480
18	250B	8.00	22.75	25.00	1.56	4	11/8-7	1.56	15.50	17.94	5.00	21.50	20.88	24.00	5.13	50	16	1 1/8	LS-4A	640
20	250B	8.00	25.00	27.50	1.69	4	11/8-7	1.69	17.50	19.94	5.00	23.50	20.88	24.00	6.06	50	20	1 1/8	LS-4A	775
24	250B	8.00	29.50	32.00	1.88	4	11/4-7	1.88	20.50	22.94	5.00	26.50	20.88	24.00	8.06	50	20	1 1/4	LS-4A	1,085

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

DATE 3-12-11

VAL-MATIC[®] VALVE AND MANUFACTURING CORP.

DRWG. NO. VM-2403/LS