



COLD WORKING PRESSURE 150 PSI (150B) 250 PSI (250B)

MECHANICAL JOINT DIMENSIONS, INCHES

VALVE SIZE	AWWA C504 CLASS	A	B	C	D	F	G	J	K	M	N	PD* Min.	TURNS TO OPEN	NO. OF BOLTS	BOLT SIZE	ACTUATOR SIZE	SHPG WT.
4	150B 250B	7 1/2	7 1/2	9 1/8	1	6	7 5/8	9 5/8	7 5/8	2 1/2	3 3/4	3.12	15	4	3/4	LS-1	90
6	150B 250B	8	9 1/2	11 1/8	1 1/16	7 1/32	8 1/4	10 1/4	7 5/8	2 1/2	4	5.26	15	6	3/4	LS-1	135
8	150B 250B	8 1/4	11 3/4	13 3/8	1 1/8	8	9 3/16	11 1/4	7 5/8	2 1/2	4 3/16	7.31	15	6	3/4	LS-1	190
10	150B 250B	8 1/2	14	15 11/16	1 3/16	10	11 11/16	14 1/8	8 5/8	2 1/2	4 1/4	9.35	20	8	3/4	LS-2	265
12	150B 250B	8 5/8	16 1/4	17 15/16	1 1/4	11 1/16	12 3/4	15 1/4	8 5/8	2 1/2	4 5/16	11.44	20	8	3/4	LS-2	345
14	150B 250B	11 3/8	18 3/4	20 5/16	1 5/16	13 1/2	15 11/16	19 1/8	12 1/16	3 1/2	5 11/16	13.30	35	10	3/4	LS-3	560
16	150B 250B	11 5/8	21	22 9/16	1 3/8	14 5/8	16 3/4	20 1/8	12 1/16	3 1/2	5 13/16	15.32	35	12	3/4	LS-3	670
18	150B 250B	12	23 1/4	24 13/16	1 7/16	15 1/2	18 3/16	21 7/8	13 3/4	3 1/2	6	17.29	50	12	3/4	LS-4	875
20	150B 250B	12 1/2	25 1/2	27 1/8	1 1/2	17 1/2	20 3/16	23 7/8	13 3/4	3 1/2	6 1/4	19.25	50	14	3/4	LS-4	1,070
24	150B 250B	13	30	31 9/16	1 5/8	20 1/2	23 3/16	26 7/8	13 3/4	3 1/2	6 1/2	23.24	50	16	3/4	LS-4	1,395

* MINIMUM PIPE I.D. TO CLEAR BUTTERFLY VALVE DISC (CHAMFER PIPE I.D. AT 45°) IF NECESSARY.

Revised 7-15-02

150B & 250B MECHANICAL JOINT BUTTERFLY VALVE WITH BURIED SERVICE ACTUATOR

DATE 5-28-99

VAL-MATIC®

VALVE AND MANUFACTURING CORP.

DRWG. NO.

VM-2104/BLSA