



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

MECHANICAL JOINT DIMENSIONS, INCHES

VALVE SIZE	AWWA C504 CLASS	A	B	C	D	F	G	H	J	K	M	PD* Min.	TURNS TO OPEN	NO. OF BOLTS	BOLT SIZE	ACTUATOR SIZE	SHPG. WT. LB.
4	150B 250B	7.50	7.50	9.13	1.00	6.00	7.46	1.50	9.96	7.83	2.50	3.12	15	4	3/4	LS-1A	90
6	150B 250B	8.00	9.50	11.13	1.06	7.03	8.15	1.50	10.65	7.83	2.50	5.26	15	6	3/4	LS-1.2A	135
8	150B 250B	8.25	11.75	13.38	1.13	8.00	9.13	1.50	11.63	7.83	2.50	7.31	15	6	3/4	LS-1.2A	190
10	150B 250B	8.88	14.00	15.69	1.18	10.00	11.50	2.00	14.19	8.71	2.50	9.25	20	8	3/4	LS-2A	265
12	150B 250B	10.00	16.25	17.94	1.25	11.06	12.56	2.00	15.25	8.71	2.50	10.93	20	8	3/4	LS-2A	345
14	150B 250B	13.00	18.75	20.31	1.31	13.50	15.65	3.50	19.03	12.06	3.50	12.75	35	10	3/4	LS-3A	560
16	150B 250B	14.00	21.00	22.56	1.38	14.63	16.69	3.50	20.06	12.06	3.50	14.44	35	12	3/4	LS-3A	670
18	150B 250B	14.13	23.25	24.81	1.44	15.50	17.94	5.00	21.38	13.81	3.50	16.58	50	12	3/4	LS-4A	875
20	150B 250B	14.00	25.50	27.13	1.50	17.50	19.94	5.00	23.38	13.81	3.50	18.75	50	14	3/4	LS-4A	1,070
24	150B 250B	15.63	30.00	31.56	1.63	20.50	22.94	5.00	26.38	13.81	3.50	22.44	50	16	3/4	LS-4A	1,395

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

Revised 8-23-12

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

DATE **3-11-11**

VAL-MATIC® VALVE AND MANUFACTURING CORP.

DRWG. NO.
VM-2104/BLS