



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

MECHANICAL JOINT DIMENSIONS, INCHES

VALVE SIZE	AWWA C504 CLASS	A	B	C	D	E	F	G	H	J	J1	K	L	M	N	O	P	PD*	R	T	NO. OF BOLTS	BOLT SIZE	SHPG. WT.
30	150B 250B	18.13	36.88	39.13	1.81	2	27.38	29.50	5.50	3.75	3.750 ±.003	4.44	.875	4	3.261	8.485	10.50	28.33	2.25	5.94	20	1	2021
36	150B 250B	19.25	43.75	46.00	2.00	4	31.88	32.13 33.56	5.38 6.81	4.50	3.750 ±.003	4.44	.875	4	3.261	8.485	10.50	34.29	2.25	8.38	24	1	3316
42	150B 250B	19.75	50.63	53.13	2.00	4	35.25	36.88	6.13	5.00	5.00 ±.005	4.75	1.25	4	4.296	8.485	10.50	40.42	2.25	11.13	28	1 1/4	5321
48	150B 250B	21.31	57.50	60.00	2.00	4	39.31	44.13	9.13	5.75	5.750 ±.008	6.75	1.50	4	4.900	11.844	15.00	46.21	2.50	13.38	32	1 1/4	8000

\* PD = MINIMUM PIPE ID TO CLEAR BUTTERFLY VALVE DISC (CHAMFER PIPE ID AT 45° IF NECESSARY)

Revised 10-31-12

150B & 250B MECHANICAL JOINT BUTTERFLY VALVE WITH BARE STEM

DATE 3-5-07

**VAL-MATIC®** VALVE AND MANUFACTURING CORP.

DRWG. NO.  
**VM-2130/BS**