



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

FLANGE DIMENSIONS, INCHES

VALVE SIZE	AWWA C504 CLASS	A	B	C	D	E Qty	E Tap	E Deep	F	G	H	J	K	L	M	N	O	P	Q	R	T	SHPG WT.
3	150B	5.00	6.00	7.50	0.94	4	5/8-11	1.06	6.00	7.90	2.50	.625	1.81	.188	.517	4.00	3.25	1.88	0.50	1.00	—	30
	250B	5.62	6.62	8.25	1.25	8	3/4-10	1.38	—	—	—	—	—	—	—	—	—	—	—	—	—	40
4	150B	5.00	7.50	9.00	0.94	0	—	—	6.00	7.90	2.50	.625	1.81	.188	.517	4.00	3.25	1.88	0.50	1.00	—	35
	250B	5.62	7.88	10.00	1.25	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	45
6	150B	5.00	9.50	11.00	1.00	4	3/4-10	1.00	7.00	8.60	2.50	1.125	1.88	.250	.986	4.00	3.25	1.88	0.50	1.00	0.69	57
	250B	5.88	10.62	12.50	1.44	4	3/4-10	1.44	—	8.88	—	—	—	—	—	—	—	—	—	—	0.25	95
8	150B	6.00	11.75	13.50	1.12	0	—	—	8.00	9.56	2.50	1.125	1.88	.250	.986	4.00	3.25	1.88	0.50	1.00	1.18	93
	250B	7.00	13.00	15.00	1.62	4	7/8-9	1.62	—	10.12	—	—	—	—	—	—	—	—	—	—	0.68	120
10	150B	8.00	14.25	16.00	1.18	0	—	—	10.00	12.81	3.75	1.500	2.94	.375	1.289	5.75	4.50	2.50	0.69	1.00	1.13	151
	250B	9.38	15.25	17.50	1.88	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.43	175
12	150B	8.00	17.00	19.00	1.25	0	—	—	11.06	13.88	3.75	1.500	2.94	.375	1.289	5.75	4.50	2.50	0.69	1.00	2.13	221
	250B	9.50	17.75	20.50	2.00	0	—	—	—	14.12	—	—	—	—	—	—	—	—	—	—	1.38	270
14	150B	8.00	18.75	21.00	1.38	0	—	—	13.50	16.34	4.25	2.000	3.12	.500	1.718	8.00	6.00	3.50	0.94	1.00	3.13	296
	250B	9.50	20.25	23.00	2.12	4	1 1/8-7	2.12	—	—	—	—	—	—	—	—	—	—	—	—	2.38	350
16	150B	8.00	21.25	23.50	1.44	0	—	—	14.62	17.38	4.25	2.000	3.12	.500	1.718	8.00	6.00	3.50	0.94	1.12	4.13	390
	250B	9.62	22.50	25.50	2.25	4	1 1/4-7	2.25	—	—	—	—	—	—	—	—	—	—	—	—	3.38	470
18	150B	8.00	22.75	25.00	1.56	4	1 1/8-7	1.56	15.50	19.38	5.25	2.500	3.69	.625	2.148	11.00	7.50	4.38	1.25	1.12	5.13	522
	250B	9.62	24.75	28.00	2.38	4	1 1/4-7	2.38	—	—	—	—	—	—	—	—	—	—	—	—	4.31	600
20	150B	8.00	25.00	27.50	1.69	4	1 1/8-7	1.69	17.50	21.38	5.25	2.500	3.69	.625	2.148	11.00	7.50	4.38	1.25	1.00	6.06	632
	250B	9.62	27.00	30.50	2.50	4	1 1/4-7	2.44	—	—	—	—	—	—	—	—	—	—	—	—	5.25	750
24	150B	8.00	29.50	32.00	1.88	4	1 1/4-7	1.88	20.50	25.12	6.00	2.500	3.69	.625	2.148	11.00	7.50	4.38	1 1/8-7 TAP	1.00	8.06	975
	250B	9.75	32.00	36.00	2.75	4	1 1/2-6	2.75	—	—	—	—	—	—	—	—	—	—	—	—	7.18	1,250

Revised 6-27-05

150B & 250B FLANGED BUTTERFLY VALVE WITH BARE STEM

DATE 12-22-00

VAL-MATIC® VALVE AND MANUFACTURING CORP.

DRWG. NO. VM-2004/BS