



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	N	T	TURNS TO OPEN	NO. OF BOLTS	BOLT SIZE	ACTUATOR SIZE	SHPG WT.
3	150B	5.00	6.00	7.50	0.94	4	5/8-11	1.06	6.00	7.56	2.62	8.75	7.75	2.50	—	11	4	5/8	4A02	66
	250B	5.62	6.62	8.25	1.25	8	3/4-10	1.38	6.00	7.56	2.62	8.75	7.75	2.81	—	11	8	3/4	4A02	75
4	150B	5.00	7.50	9.00	0.94	0	—	—	6.00	7.56	2.62	8.75	7.75	2.50	—	11	8	5/8	4A02	71
	250B	5.62	7.88	10.00	1.25	0	—	—	6.00	7.56	2.62	8.75	7.75	2.81	—	11	8	3/4	4A02	80
6	150B	5.00	9.50	11.00	1.00	4	3/4-10	1.00	7.00	8.38	2.62	9.75	7.75	2.50	0.69	11	8	3/4	4B02	90
	250B	5.88	10.62	12.50	1.44	4	3/4-10	1.44	7.00	8.38	2.62	9.75	7.75	2.94	0.25	11	12	3/4	4B02	130
8	150B	6.00	11.75	13.50	1.12	0	—	—	8.00	9.75	2.62	11.38	7.75	3.00	1.18	11	8	3/4	4B02	125
	250B	7.00	13.00	15.00	1.62	4	7/8-9	1.62	8.00	9.75	2.62	11.38	7.75	3.50	0.68	11	12	7/8	4B02	145
10	150B	8.00	14.25	16.00	1.18	0	—	—	10.00	11.62	3.50	13.62	8.50	4.00	1.13	11	12	7/8	4C02	200
	250B	9.38	15.25	17.50	1.88	0	—	—	10.00	11.62	3.50	13.62	8.50	4.69	0.43	11	16	1	4C02	225
12	150B	8.00	17.00	19.00	1.25	0	—	—	11.06	12.75	3.50	14.75	8.50	4.00	2.13	11	12	7/8	4C02	250
	250B	9.50	17.75	20.50	2.00	0	—	—	11.06	12.75	3.50	14.75	8.50	4.75	1.38	11	16	1 1/8	4C02	300
14	150B	8.00	18.75	21.00	1.38	0	—	—	13.50	15.00	3.50	17.00	8.50	4.00	3.13	11	12	1	4D02	400
	250B	9.50	20.25	23.00	2.12	4	1 1/8-7	2.12	13.50	15.00	3.50	17.00	8.50	4.75	2.38	11	20	1 1/8	4D02	450
16	150B	8.00	21.25	23.50	1.44	0	—	—	14.62	16.00	3.50	18.00	8.50	4.00	4.13	11	16	1	4D02	480
	250B	9.62	22.50	25.50	2.25	4	1 1/4-7	2.25	14.62	16.00	3.50	18.00	8.50	4.81	3.38	11	20	1 1/4	4D02	550
18	150B	8.00	22.75	25.00	1.56	4	1 1/8-7	1.56	15.50	16.62	4.62	19.00	9.88	4.00	5.13	20	16	1 1/8	4E02	640
	250B	9.62	24.75	28.00	2.38	4	1 1/4-7	2.38	15.50	17.00	4.62	22.62	9.88	4.81	4.31	20	24	1 1/4	4E02	750
20	150B	8.00	25.00	27.50	1.69	4	1 1/8-7	1.69	17.50	18.62	4.62	18.00	9.88	4.00	6.06	20	20	1 1/8	4E02	775
	250B	9.62	27.00	30.50	2.50	4	1 1/4-7	2.44	17.50	19.00	6.25	24.62	9.88	4.81	5.25	20	24	1 1/4	4E02	900

150B & 250B FLANGED BUTTERFLY VALVE WITH BURIED SERVICE AWWA WORM GEAR

DATE Revised 7-5-05
10-13-00

VAL-MATIC® VALVE AND MANUFACTURING CORP.

DRWG. NO.
VM-2004/BWGA