



SEE DRWG. VM-2004-M FOR STANDARD 250B MATERIALS OF CONSTRUCTION. COLD WORKING PRESSURE 250 PSI (250B)

CLASS 125 LB. DUCTILE IRON 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	250B	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
4	250B	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
6	250B	5.00	9.50	11.00	1.00	4	3/4-10	1.00	7.00	8.88	2.78	1.125	1.88	.250	.986	4.00	3.25	1.88	0.50	1.00	0.69	57
8	250B	6.00	11.75	13.50	1.12	0	—	—	8.00	10.12	3.06	1.125	1.88	.250	.986	4.00	3.25	1.88	0.50	1.00	1.18	93
10	250B	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
12	250B	8.00	17.00	19.00	1.25	0	—	—	11.06	14.12	4.00	1.500	2.94	.375	1.289	5.75	4.50	2.50	0.69	1.00	2.13	221
14	250B	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
16	250B	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
18	250B	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
20	250B	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
24	250B	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

SEE DRWG. SS-1993 AND SS-2039 FOR INSTALLATION AND TESTING.

Revised 8-1-11

250B/125 LB. DUCTILE IRON FLANGED BUTTERFLY VALVE WITH BARE STEM

DATE 10-29-07

VAL-MATIC® VALVE AND MANUFACTURING CORP.

DRWG. NO.
VM-2404/BS