



HYDRO TEST PRESSURE
1.5 TIMES COLD WORKING PRESSURE - CWP

SEE DRAWING NO. VM-503AMI-M FOR STANDARD MATERIALS OF CONSTRUCTION

DRAWING DEPICTS 24" SIZE TO SCALE

ANSI CLASS 125

VALVE SIZE	MODEL NO.	CWP (PSI)	A	B	C	D	E	F	G	K	BOLT SIZE	NO. OF BOLTS	SHPG. WT.
3	503AMI	250	9.50	6.00	7.50	0.75	3.00	8.88	1.63	7.50	5/8	4	45
4	504AMI	250	11.50	7.50	9.00	0.75	4.00	9.50	2.12	8.25	5/8	8	70
6	506AMI	250	15.00	9.50	11.00	0.75	6.00	10.63	2.12	11.12	3/4	8	130
8	508AMI	250	19.50	11.75	13.50	0.88	8.00	12.25	2.88	16.00	3/4	8	250
10	510AMI	250	24.50	14.25	16.00	1.18	10.00	14.63	3.12	21.00	7/8	12	430
12	512AMI	250	27.50	17.00	19.00	1.25	12.00	16.25	3.43	24.00	7/8	12	660
14	514AMI	250	31.00	18.75	21.00	1.38	14.00	18.88	3.63	23.25	1	12	750
16	516AMI	250	32.00	21.25	23.50	1.43	16.00	20.13	3.25	25.25	1	16	900
18	518AMI	250	36.00	22.75	25.00	1.56	18.00	21.25	3.12	28.25	1 1/8	16	1230
20	520AMI	250	40.00	25.00	27.50	1.68	20.00	22.63	3.50	30.63	1 1/8	20	1750
24	524AMI	250	48.00	29.50	32.00	1.88	24.00	25.13	5.00	36.00	1 1/4	20	2400
30	530MI	150	56.00	36.00	38.75	2.12	30.00	28.88	5.75	45.88	1 1/4	28	4110
30	530AMI	250	56.00	36.00	38.75	2.12	30.00	28.88	5.75	45.88	1 1/4	28	4110
36	536MI	150	63.00	42.75	46.00	2.38	36.00	32.25	3.88	55.00	1 1/2	32	6700
36	536AMI	250	63.00	42.75	46.00	2.38	36.00	32.25	3.88	55.00	1 1/2	32	6700
42	542MI	150	70.00	49.50	53.00	2.63	42.00	40.37	0.12	60.18	1 1/2	36	9110
42	542AMI	250	70.00	49.50	53.00	2.63	42.00	40.37	0.12	60.18	1 1/2	36	9110
48	548MI	150	76.00	56.00	59.50	2.75	48.00	43.41	0.12	68.00	1 1/2	44	12300
48	548AMI	250	76.00	56.00	59.50	2.75	48.00	43.41	0.12	68.00	1 1/2	44	12300

Revised 3-31-11

SWING-FLEX CHECK VALVE WITH MECHANICAL INDICATOR

DATE 7-13-09



VALVE AND MANUFACTURING CORP.

DRWG. NO.

VMC-503AMI