



HYDRO TEST PRESSURE
1.5 TIMES COLD WORKING PRESSURE - CWP

SEE DRAWING NO. VM-502A-M FOR STANDARD MATERIALS OF CONSTRUCTION.

ANSI CLASS 125													
VALVE SIZE	MODEL NO.	CWP (PSI)	A	B	C	D	E	F	G	K	BOLT SIZE	NO. OF BOLTS	SHPG WT.
2	502A	250	8.00	4.75	6.00	0.63	2.00	3.38	1.63	5.18	5/8	4	25
2 1/2	525A	250	8.50	5.50	7.00	0.68	2.50	3.38	1.63	5.18	5/8	4	30
3	503A	250	9.50	6.00	7.50	0.75	3.00	5.12	1.63	7.50	5/8	4	43
4	504A	250	11.50	7.50	9.00	0.93	4.00	5.75	2.12	8.25	5/8	8	70
6	506A	250	15.00	9.50	11.00	1.12	6.00	6.88	2.12	11.18	3/4	8	125
8	508A	250	19.50	11.75	13.50	1.88	8.00	8.38	2.88	16.00	3/4	8	240
10	510A	250	24.50	14.25	16.00	1.25	10.00	10.75	3.12	21.00	7/8	12	420
12	512A	250	27.50	17.00	19.00	1.25	12.00	12.50	3.43	24.00	7/8	12	645
14	514A	250	31.00	18.75	21.00	1.38	14.00	13.00	3.63	23.25	1	12	730
16	516A	250	32.00	21.25	23.50	1.43	16.00	14.25	3.25	25.25	1	16	885
18	518A	250	36.00	22.75	25.00	1.56	18.00	15.25	3.12	28.25	1 1/8	16	1170
20	520A	250	40.00	25.00	27.50	1.68	20.00	16.88	3.50	30.63	1 1/8	20	1700
24	524A	250	48.00	29.50	32.00	1.88	24.00	19.25	5.00	36.00	1 1/4	20	2200
30	530	150	56.00	36.00	38.75	2.12	30.00	23.00	5.75	45.88	1 1/4	28	5000
36	536	150	63.00	42.75	46.00	2.38	36.00	27.38	3.88	55.00	1 1/2	32	6600
42	542	150	70.00	49.50	53.00	2.63	42.00	36.88	0.12	60.18	1 1/2	36	9000

Revised 10-17-07

SWING-FLEX® CHECK VALVE

DATE 4-23-03

VAL-MATIC® VALVE AND MANUFACTURING CORP.

DRWG. NO.
VM-502A