



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	H	J	K	L	M	BOLT SIZE	NO. OF BOLTS	SHPG WT.
4	504ABFXD	200	11.50	7.50	9.00	0.93	4.00	5.75	2.13	3.38	10.75	8.25	2.50	2.50	5/8	8	70
6	506ABFXD	200	15.00	9.50	11.00	1.00	6.00	6.88	2.13	1.38	11.38	11.19	3.00	3.00	3/4	8	130
8	508ABFXD	200	19.50	11.75	13.50	1.13	8.00	8.38	2.88	2.00	15.75	16.00	5.75	5.75	3/4	8	250
10	510ABFXD	200	24.50	14.25	16.00	1.19	10.00	10.75	3.13	0.50	17.00	21.00	5.75	5.75	7/8	12	430
12	512ABFXD	200	27.50	17.00	19.00	1.25	12.00	12.50	3.43	3.50	22.50	24.00	6.50	6.50	7/8	12	660
14	514ABFXD	150	31.00	18.75	21.00	1.38	14.00	13.00	3.63	4.00	26.25	23.25	6.50	6.50	1	12	750
16	516ABFXD	150	32.00	21.25	23.50	1.43	16.00	14.25	3.25	4.63	30.00	25.25	6.50	6.50	1	16	900
18	518ABFXD	150	36.00	22.75	25.00	1.56	18.00	15.25	3.13	5.25	33.75	28.25	6.50	6.50	1 1/8	16	1230
20	520ABFXD	150	40.00	25.00	27.50	1.68	20.00	16.88	3.50	5.88	37.50	30.63	8.00	8.00	1 1/8	20	1750
24	524ABFXD	150	48.00	29.50	32.00	1.88	24.00	19.25	5.00	7.00	45.00	36.00	8.00	8.00	1 1/4	20	2400
30	530ABFXD	150	56.00	36.00	38.75	2.13	30.00	23.00	5.75	-0.63	41.25	45.88	8.00	8.00	1 1/4	28	5100
36	536ABFXD	150	63.00	42.75	46.00	2.38	36.00	27.38	3.88	-0.38	49.00	55.00	9.75	9.75	1 1/2	32	7000

REV 6-17-16

AIS COMPLIANT SWING-FLEX CHECK VALVE W/ BACKFLOW ACTUATOR

DATE 4-22-15

VAL-MATIC® VALVE AND MANUFACTURING CORP.

DRWG. NO.
VM-504BFXD