



HYDRO TEST PRESSURE
1.5 TIMES COLD WORKING PRESSURE - CWP



SEE DRAWING NO. VM-7203MI-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 | NO. BOLTS TAPPED | SHPG. WT. |
|------------|-----------|-----------|-------|-------|-------|------|-------|-------|------|-------|-----------|--------------|------------------|-----------|
| 3 | 7203MI | 250 | 9.50 | 6.00 | 7.50 | 0.81 | 3.00 | 8.88 | 1.63 | 7.50 | 5/8 | 4 | -- | 45 |
| 4 | 7204MI | 250 | 11.50 | 7.50 | 9.00 | 0.75 | 4.00 | 9.50 | 2.13 | 8.25 | 5/8 | 8 | -- | 70 |
| 6 | 7206CMI | 250 | 14.00 | 9.50 | 11.00 | 0.75 | 6.00 | 10.63 | 1.63 | 11.13 | 3/4 | 8 | -- | 130 |
| 8 | 7208MI | 250 | 19.50 | 11.75 | 13.50 | 0.88 | 8.00 | 12.25 | 2.88 | 16.00 | 3/4 | 8 | -- | 250 |
| 10 | 7210MI | 250 | 24.50 | 14.25 | 16.00 | 1.18 | 10.00 | 14.63 | 3.13 | 21.00 | 7/8 | 12 | -- | 430 |
| 12 | 7212MI | 250 | 27.50 | 17.00 | 19.00 | 1.25 | 12.00 | 16.25 | 3.43 | 24.00 | 7/8 | 12 | -- | 660 |
| 14 | 7214MI | 250 | 31.00 | 18.75 | 21.00 | 1.38 | 14.00 | 18.88 | 3.63 | 23.25 | 1 | 12 | -- | 750 |
| 16 | 7216CMI | 250 | 36.00 | 21.25 | 23.50 | 1.43 | 16.00 | 20.13 | 5.25 | 25.25 | 1 | 16 | -- | 900 |
| 18 | 7218CMI | 250 | 40.00 | 22.75 | 25.00 | 1.56 | 18.00 | 21.25 | 5.13 | 28.25 | 1 1/8 | 16 | -- | 1230 |
| 20 | 7220MI | 250 | 40.00 | 25.00 | 27.50 | 1.68 | 20.00 | 22.63 | 3.50 | 30.63 | 1 1/8 | 20 | -- | 1750 |
| 24 | 7224MI | 250 | 48.00 | 29.50 | 32.00 | 1.88 | 24.00 | 25.13 | 5.00 | 36.00 | 1 1/4 | 20 | -- | 2400 |
| 30 | 7230MI | 150 | 56.00 | 36.00 | 38.75 | 2.13 | 30.00 | 28.88 | 5.75 | 45.88 | 1 1/4 | 28 | -- | 4110 |
| 30 | 7230AMI | 250 | 56.00 | 36.00 | 38.75 | 2.13 | 30.00 | 28.88 | 5.75 | 45.88 | 1 1/4 | 28 | -- | 4110 |
| 36 | 7236MI | 150 | 63.00 | 42.75 | 46.00 | 2.38 | 36.00 | 32.25 | 3.88 | 55.00 | 1 1/2 | 32 | 4 | 6700 |
| 36 | 7236AMI | 250 | 63.00 | 42.75 | 46.00 | 2.38 | 36.00 | 32.25 | 3.88 | 55.00 | 1 1/2 | 32 | 8 | 6700 |
| 42 | 7242MI | 150 | 70.00 | 49.50 | 53.00 | 2.63 | 42.00 | 40.37 | 0.13 | 60.18 | 1 1/2 | 36 | 10 | 9110 |
| 42 | 7242AMI | 250 | 70.00 | 49.50 | 53.00 | 2.63 | 42.00 | 40.37 | 0.13 | 60.18 | 1 1/2 | 36 | 10 | 9110 |
| 48 | 7248MI | 150 | 76.00 | 56.00 | 59.50 | 2.75 | 48.00 | 43.41 | 0.13 | 68.00 | 1 1/2 | 44 | 12 | 12300 |
| 48 | 7248AMI | 250 | 76.00 | 56.00 | 59.50 | 2.75 | 48.00 | 43.41 | 0.13 | 68.00 | 1 1/2 | 44 | 12 | 12300 |

Revised 7-28-17 (Rev 4)

SURGEBUSTER CHECK VALVE WITH MECHANICAL INDICATOR

DATE 2-6-12



VALVE AND MANUFACTURING CORP.

DRWG. NO.

VMC-7203MI