



HYDRO TEST PRESSURE
2 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. | NO. BOLTS TAPPED |
|------------|-----------|-----------|-------|-------|-------|------|-------|-------|------|-------|-----------|--------------|-----------|------------------|
| 3 | 503AMI | 250 | 9.50 | 6.00 | 7.50 | 0.81 | 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 | 506CMI | 250 | 14.00 | 9.50 | 11.00 | 0.75 | 6.00 | 10.63 | 1.63 | 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 | 3.13 | 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 | 516CMI | 250 | 36.00 | 21.25 | 23.50 | 1.43 | 16.00 | 20.13 | 5.25 | 25.25 | 1 | 16 | 900 | -- |
| 18 | 518CMI | 250 | 40.00 | 22.75 | 25.00 | 1.56 | 18.00 | 21.25 | 3.13 | 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 | 530AMI | 250 | 56.00 | 36.00 | 38.75 | 2.12 | 30.00 | 28.88 | 5.75 | 45.88 | 1 1/4 | 28 | 4110 | -- |
| 36 | 536AMI | 250 | 63.00 | 42.75 | 46.00 | 2.38 | 36.00 | 32.25 | 3.88 | 55.00 | 1 1/2 | 32 | 6700 | 8 |
| 42 | 542AMI | 250 | 70.00 | 49.50 | 53.00 | 2.63 | 42.00 | 40.37 | 0.13 | 60.18 | 1 1/2 | 36 | 9110 | 10 |
| 48 | 548AMI | 250 | 76.00 | 56.00 | 59.50 | 2.75 | 48.00 | 43.41 | 0.13 | 68.00 | 1 1/2 | 44 | 12300 | 12 |
| 54 | 554AMI | 250 | 87.00 | 62.75 | 66.75 | 3.00 | 54.00 | 46.00 | 2.00 | 75.50 | 1 3/4 | 44 | 20660 | 12 |

Revised 4/12/21 (Rev 9)

SWING-FLEX® CHECK VALVE WITH MECHANICAL INDICATOR

DATE 7-13-09



VALVE AND MANUFACTURING CORP.

DRWG. NO.

VMC-503AMI