



SEE DRAWING NO. VM-506AB-M FOR STANDARD MATERIALS OF CONSTRUCTION
 SEE DRAWING NO. SS-1402 FOR OIL CUSHION SEQUENCE OF OPERATION

DRAWING DEPICTS 30" SIZE TO SCALE

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 |
|------------|-----------|-----------|-------|-------|-------|------|-------|-------|------|-------|-------|-------|-------|-------|-----------|--------------|
| 6 | 506CB | 250 | 14.00 | 9.50 | 11.00 | 0.75 | 6.00 | 6.88 | 1.63 | 16.00 | 9.25 | 11.13 | 4.25 | -5.00 | 3/4 | 8 |
| 8 | 508AB | 250 | 19.50 | 11.75 | 13.50 | 0.88 | 8.00 | 8.38 | 2.88 | 17.00 | 8.50 | 16.00 | 5.25 | -3.25 | 3/4 | 8 |
| 10 | 510AB | 250 | 24.50 | 14.25 | 16.00 | 1.18 | 10.00 | 10.75 | 3.13 | 18.00 | 7.25 | 21.00 | 6.25 | -1.25 | 7/8 | 12 |
| 12 | 512AB | 250 | 27.50 | 17.00 | 19.00 | 1.25 | 12.00 | 12.50 | 3.43 | 20.75 | 9.50 | 24.00 | 7.25 | -2.00 | 7/8 | 12 |
| 14 | 514AB | 250 | 31.00 | 18.75 | 21.00 | 1.38 | 14.00 | 13.00 | 3.63 | 22.75 | 7.50 | 23.25 | 7.25 | 0.00 | 1 | 12 |
| 16 | 516CB | 250 | 36.00 | 21.25 | 23.50 | 1.44 | 16.00 | 14.25 | 5.25 | 24.25 | 10.25 | 25.25 | 9.00 | -1.00 | 1 | 16 |
| 18 | 518CB | 250 | 40.00 | 22.75 | 25.00 | 1.56 | 18.00 | 15.25 | 5.13 | 25.25 | 7.50 | 28.25 | 8.75 | 1.25 | 1 1/8 | 16 |
| 20 | 520AB | 250 | 40.00 | 25.00 | 27.50 | 1.68 | 20.00 | 16.88 | 3.50 | 27.00 | 5.75 | 30.63 | 9.50 | 2.75 | 1 1/8 | 20 |
| 24 | 524AB | 250 | 48.00 | 29.50 | 32.00 | 1.88 | 24.00 | 19.25 | 5.00 | 27.63 | 0.75 | 36.00 | 9.75 | 9.00 | 1 1/4 | 20 |
| 30 | 530AB | 250 | 56.00 | 36.00 | 38.75 | 2.13 | 30.00 | 23.00 | 5.75 | 33.63 | 3.00 | 45.88 | 11.25 | 8.50 | 1 1/4 | 28 |
| 36 | 536AB | 250 | 63.00 | 42.75 | 46.00 | 2.38 | 36.00 | 27.38 | 3.88 | 33.75 | 3.00 | 55.00 | 15.25 | 8.25 | 1 1/2 | 32 |
| 42 | 542AB | 250 | 70.00 | 49.50 | 53.00 | 2.63 | 42.00 | 36.88 | 0.13 | 46.00 | 1.50 | 60.18 | 14.25 | 14.00 | 1 1/2 | 36 |

* DIMENSION "M" EXTENDS PAST FLANGE ON VALVE SIZES 6" THRU 16"

Revised 10-6-20

SWING-FLEX CHECK VALVE WITH OIL CUSHION

DATE 8-11-09



VALVE AND MANUFACTURING CORP.

DRWG. NO.

VMC-506AB