



| PART NO. | PART NAME  | MATERIAL  |
|----------|------------|---|
| 1        | BODY       | STAINLESS STEEL ASTM A351, GRADE CF8M             |
| 2        | COVER      | STAINLESS STEEL ASTM A351, GRADE CF8M             |
| 3        | DISC       | VITON WITH ALLOY STEEL<br>AND NYLON REINFORCEMENT |
| 4        | GASKET     | COMPRESSED NON-ASBESTOS FIBER                     |
| 5        | COVER BOLT | STAINLESS STEEL, TYPE 316                         |

| ANSI CLASS 150 |           |         |       |       |       |      |       |       |       |           |              |           |
|----------------|-----------|---------|-------|-------|-------|------|-------|-------|-------|-----------|--------------|-----------|
| VALVE SIZE     | MODEL NO. | CWP PSI | A     | B     | C     | D    | E     | F     | K     | BOLT SIZE | NO. OF BOLTS | SHPG. WT. |
| 3              | 503.6     | 200     | 9.50  | 6.00  | 7.50  | 0.75 | 3.00  | 3.88  | 7.50  | 5/8       | 4            | 43        |
| 4              | 504.6     | 200     | 11.50 | 7.50  | 9.00  | 0.94 | 4.00  | 4.63  | 9.00  | 5/8       | 8            | 70        |
| 6              | 506.6     | 200     | 15.00 | 9.50  | 11.00 | 1.00 | 6.00  | 5.88  | 10.88 | 3/4       | 8            | 119       |
| 8              | 508.6     | 200     | 19.50 | 11.75 | 13.50 | 1.12 | 8.00  | 7.63  | 14.25 | 3/4       | 8            | 215       |
| 10             | 510.6     | 200     | 24.50 | 14.25 | 16.00 | 1.18 | 10.00 | 9.88  | 17.88 | 7/8       | 12           | 370       |
| 12             | 512.6     | 200     | 27.50 | 17.00 | 19.00 | 1.25 | 12.00 | 11.38 | 21.25 | 7/8       | 12           | 580       |

Revised 3-31-09

SWING-FLEX® CHECK VALVE FOR CORROSIVE SERVICE

DATE 12-8-05

**VAL-MATIC®**

VALVE AND MANUFACTURING CORP.

DRWG. NO.

**SS-2137**