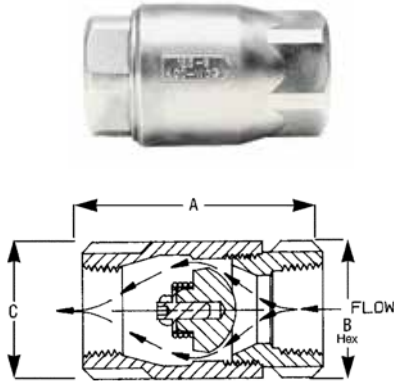


GATE, GLOBE & CHECKS

In-Line Check Valves

CVS (62-100) SERIES



STAINLESS STEEL BALL CONE® CHECK VALVES

The 62-100 Series is uniquely suited for applications in corrosive environments, including chemical processing, pulp and paper and other process industries. The rugged stainless steel body and RPTFE ball check provide reliable, patented protection against reverse flow.

FEATURES

- Unique design (U.S. Patent # 4,172,465)
- Spring-loaded for fast seating action
- Center guided so that radial alignment is never needed
- Straight-through flow minimizes pressure loss
- 400 psig CWP non-shock @ 100°F
- 125 psig SWP @ 350°F
- RoHS Compliant
- ASTM A351, CF8M

| Model Number | Size (in.) | Dimensions (in.) | | | Wt. Ea. (lbs.) | Cv |
|--------------|------------|------------------|------|------|----------------|------|
| | | A | B | C | | |
| 62-101-01 | 1/4 | 2.06 | 1.12 | 1.12 | .38 | .85 |
| 62-102-01 | 3/8 | 2.12 | 1.12 | 1.12 | .38 | 1.21 |
| 62-103-01 | 1/2 | 2.31 | 1.12 | 1.12 | .38 | 1.40 |
| 62-104-01 | 3/4 | 2.87 | 1.37 | 1.50 | .75 | 3.5 |
| 62-105-01 | 1 | 3.50 | 1.75 | 1.93 | 1.45 | 6.0 |
| 62-106-01 | 1-1/4 | 4.18 | 2.12 | 2.37 | 2.37 | 44 |
| 62-107-01 | 1-1/2 | 4.93 | 2.50 | 2.81 | 3.81 | 65 |
| 62-108-01 | 2 | 6.00 | 3.00 | 3.68 | 6.36 | 81 |

CVBE & CVSE (61-500 & 62-500) SERIES



IN-LINE SOFT SEAT CHECK VALVES

Fabricated with stainless steel springs and elastomeric seats for tighter shut-off. No radial alignment is needed. Exceptional resistance to chemicals and corrosion.

FEATURES

- Female NPT sizes: 1/4" to 2"
- Stainless steel sizes: 1/4" to 1"
- Bubble-tight shut-off, ideally suited for gaseous service
- NPT threaded; 400 psig CWP non-shock @ 100°F
- EPDM check disc (61500)
- Viton® check disc (62500)
- Straight-through design minimizes pressure loss
- 1/2 psi cracking pressure
- RoHS Compliant (61LF and 62 Series)
- **Lead Free** option (only 61LF502, 61LF503, and 61LF504)



Designate Lead Free by adding LF to No. (ex. 61LF-50x-01) Available in 3/8" - 2"

Precautionary Note: Not recommended for use with reciprocating pumps and similar applications which may induce repetitious vibrations. Low flow rates which do not fully open the valve may result in undesirable noise and premature valve failure. Upstream flow disturbances, which create turbulence, may also result in rapid wear. Therefore, it is recommended that a minimum of 10 diameters of straight pipe be provided between the check valve and any upstream flow disturbances such as pumps, control valves, elbows, etc.

| Bronze FNPT x FNPT | SS FNPT x FNPT | Size (in.) | Dimensions (in.) | | | 61 Series Wt. Ea. | 62 Series Wt. Ea. | Cv |
|--------------------|----------------|------------|------------------|-------|-------|-------------------|-------------------|-----|
| | | | A | B | C | | | |
| 61-501-01 | 62-501-01 | 1/4 | 2.312 | 1.125 | 1.125 | .38 | .38 | .75 |
| 61-502-01 | 62-502-01 | 3/8 | 2.312 | 1.125 | 1.125 | .38 | .38 | 1.0 |
| 61-503-01 | 62-503-01 | 1/2 | 2.312 | 1.125 | 1.125 | .38 | .38 | 1.2 |
| 61-504-01 | 62-504-01 | 3/4 | 2.875 | 1.375 | 1.500 | .75 | .75 | 3.0 |
| 61-505-01 | 62-505-01 | 1 | 3.500 | 1.750 | 1.937 | 1.45 | 1.50 | 5.5 |
| 61-506-01 | – | 1-1/4 | 4.187 | 2.125 | 2.375 | 2.75 | – | 42 |
| 61-507-01 | – | 1-1/2 | 4.937 | 2.500 | 2.812 | 3.94 | – | 60 |
| 61-508-01 | – | 2 | 6.000 | 3.000 | 3.687 | 6.30 | – | 75 |



See Gate, Globe & Check Catalog (GGC9000) for more detailed information about the products in this section.

Customer Service (704) 841-6000

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