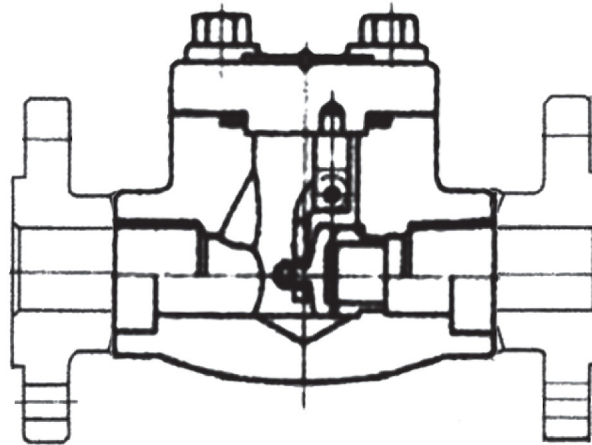




LUNKENHEIMER®

LVC Forged Steel Swing Check Valves (Class 150, 300 and 600) are available with welded ANSI Class 150, 300 and 600 flanged ends.



Flanged End Swing Check Valve

Check Valve Design and Specifications:

LVC Forged Steel Swing Check Valves conform to ANSI B16.10, ANSI B16.5 and ASME B16.34. Each valve is tested in accordance with API 598, and marked per MSS SP 25.

Construction:

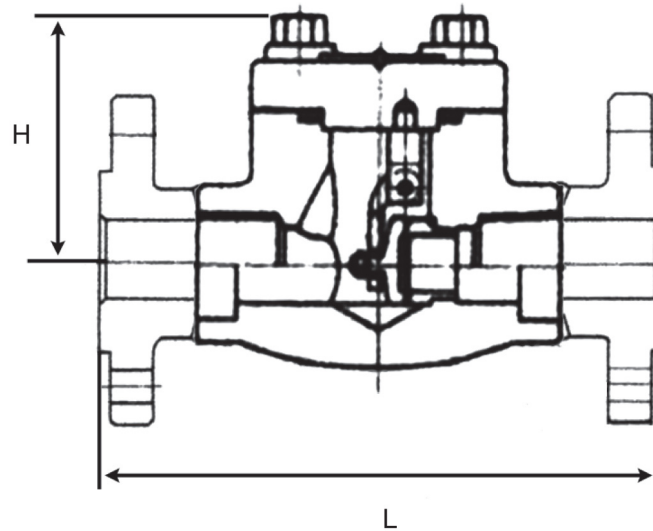
- LVC Forged Steel Swing Check Valves conform to ANSI B16.5 and ANSI B16.10 end to end dimensions
- Spiral wound stainless steel graphite filled gaskets
- Available as piston, spring loaded piston, or swing check valves
- Swing check valve for horizontal service only
- Available in carbon steel, stainless steel or other materials

LUNKENHEIMER

Lunkenheimer Cincinnati Valve Company
P.O. Box 141451 • Cincinnati, OH 45214
Phone: 513-471-8258 • Fax: 513-471-8327
Email: sales@lunkenheimercvc.com

Engineering Data

Forged Steel Check Valves - Class 150, 300 & 600



| No. | Part Name | Materials | | | |
|-----|------------|---------------------------|-----------|-----------|-------------|
| 1 | Body | ASTM A105 | A182 F304 | A182 F316 | F11, F22 |
| 2 | Seat | 13 Cr. (stl) | 304 (stl) | 316 (stl) | 410 (stl) |
| 4 | Disc | 13 Cr. (stl) | A182 F304 | A182 F316 | 13 Cr (stl) |
| 5 | Gasket | Stainless Steel / Grafoil | | | |
| 6 | Cover | A105 | A182 F304 | A182 F316 | F11, F22 |
| 7 | Cover Bolt | A193-B7 | A193-B8 | | A193-B7 |

| Class 150 Conventional Port (1/16" Raised Face) | | | | |
|---|-------|--------|----------|--|
| Size | L 150 | H Open | Wt (lbs) | |
| 1/2" | 4.25 | 2.40 | 5.6 | |
| 3/4" | 4.62 | 2.40 | 7.4 | |
| 1" | 5.00 | 3.07 | 9.6 | |
| 1-1/2" | 6.50 | 4.06 | 19.7 | |
| 2" | 7.00 | 4.65 | 28 | |
| Class 300 Conventional Port (1/16" Raised Face) | | | | |
| Size | L 300 | H Open | Wt (lbs) | |
| 1/2" | 6.00 | 2.40 | 6.0 | |
| 3/4" | 7.00 | 2.40 | 8.0 | |
| 1" | 8.00 | 3.07 | 10.5 | |
| 1-1/2" | 9.00 | 4.06 | 21 | |
| 2" | 10.50 | 4.65 | 30 | |
| Class 600 Conventional Port (1/4" Raised Face) | | | | |
| Size | L 600 | H Open | Wt (lbs) | |
| 1/2" | 6.50 | 2.40 | 6.6 | |
| 3/4" | 7.50 | 2.40 | 8.8 | |
| 1" | 8.50 | 3.07 | 12.9 | |
| 1-1/2" | 9.50 | 4.06 | 22 | |
| 2" | 11.50 | 4.65 | 34 | |