



125# CI FLANGED SWING CHECK VALVE

SM125SCV

FEATURES

- Class 125
- Flanged Ends
- 200 WOG/125 SWP
- Bolted Cover
- IBBM

APPLICABLE STANDARDS

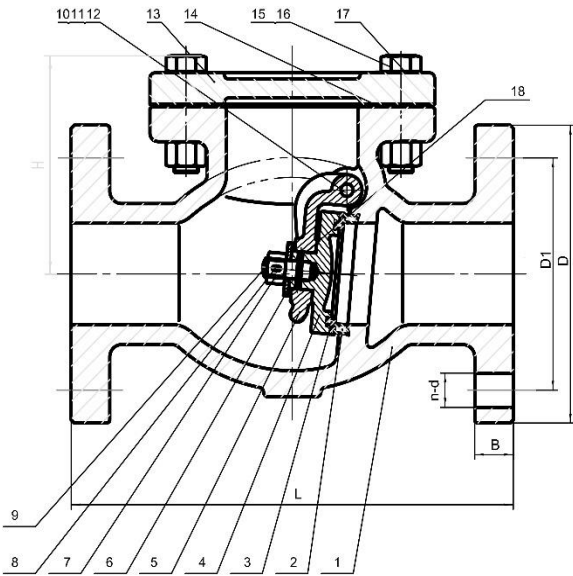
- Face to Face Dimension Conforms to ANSI B16.10
- Flanged Ends Conforms to ANSI B16.1
- Conforms to MSS SP-71
- Tested According to API 598
- Conforms to ISO 9001:2008

Materials of Construction

| Item | Part | Material | ASTM |
|------|----------------------|-----------------|---------------|
| 1 | Body | Cast Iron | A126-B |
| 2 | Body Seat Ring | Cast Bronze | B62 |
| 3 | Disc Seat Ring | Cast Bronze | B62 |
| 4 | Disc | Cast Iron | A126-B |
| 5 | Hanger | Ductile Iron | A536 65-45-12 |
| 6 | Washer | Steel | A283 |
| 7 | Nut | Steel | A563-B |
| 8 | Split Pin | Stainless Steel | 304 |
| 9 | Disc Screw | Steel | A307-B |
| 10 | Side Pin | Brass | B16 |
| 11 | Gasket | Teflon | Teflon |
| 12 | Hanger Pin | Stainless Steel | 304 |
| 13 | Bonnet | Cast Iron | A126-B |
| 14 | Gasket | Graphite | Non-Asbestos |
| 15 | Bolt | Steel | A307-B |
| 16 | Nut | Steel | A536-B |
| 17 | Identification Plate | Aluminum | Aluminum |
| 18 | Pin | Stainless Steel | 304 |

Dimensions (Inches)

| Size | L | D | D1 | b | n-d | H | Weight (lbs) |
|--------|-------|-------|-------|------|-------|-------|--------------|
| 2" | 8.00 | 5.98 | 4.76 | 0.63 | 4-.75 | 4.41 | 22.93 |
| 2-1/2" | 8.50 | 7.01 | 5.51 | 0.69 | 4-.75 | 5.20 | 31.31 |
| 3" | 9.50 | 7.48 | 6.00 | 0.75 | 4-.75 | 5.55 | 41.89 |
| 4" | 11.50 | 9.00 | 7.50 | 0.94 | 8-.75 | 6.38 | 73.41 |
| 5" | 13.00 | 10.00 | 8.50 | 0.94 | 8-.87 | 7.56 | 108.03 |
| 6" | 14.00 | 11.00 | 9.50 | 1.00 | 8-.87 | 8.31 | 140.21 |
| 8" | 19.50 | 13.50 | 11.75 | 1.13 | 8-.87 | 10.63 | 246.92 |
| 10" | 24.50 | 15.98 | 14.25 | 1.19 | 12-1 | 12.44 | 417.78 |
| 12" | 27.50 | 19.02 | 17.01 | 1.25 | 12-1 | 14.06 | 544.54 |



The information presented on this sheet is correct at the time of publication. Service Metal reserves the right to change design, and/or material specifications without notice.