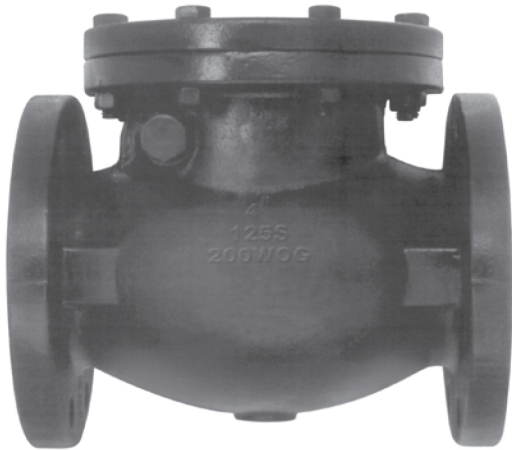




## Check Valve



### SD-CV125 CLASS 125LB FLANGE

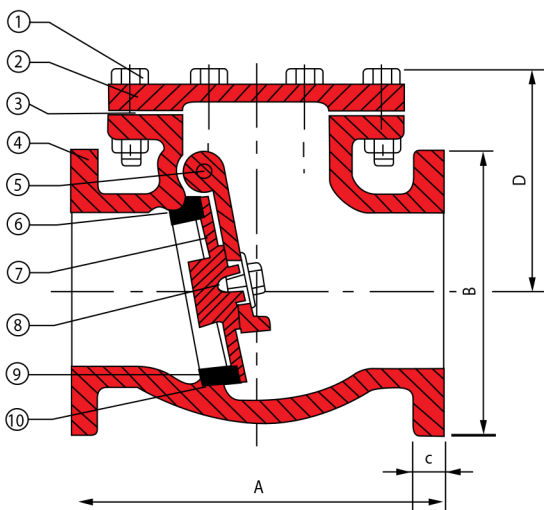


Dimensions (mm)

| Size   | A   | B   | C  | D   |
|--------|-----|-----|----|-----|
| 2"     | 203 | 152 | 16 | 116 |
| 2 1/2" | 216 | 178 | 17 | 136 |
| 3"     | 241 | 191 | 19 | 141 |
| 4"     | 292 | 229 | 24 | 170 |
| 5"     | 330 | 254 | 24 | 197 |
| 6"     | 356 | 279 | 25 | 241 |
| 8"     | 495 | 343 | 29 | 263 |
| 10"    | 622 | 406 | 30 | 305 |
| 12"    | 699 | 483 | 32 | 343 |

| Flanged to                      | Class 125 | Class 150 | Class 250-300 | Class 600 |
|---------------------------------|-----------|-----------|---------------|-----------|
| Working Pressure (psi)          | 175       | -         | -             | -         |
| Shell Test Pressure (psi) water | 200       | -         | -             | -         |
| Shell Test Pressure (psi) air   | 80        | -         | -             | -         |

| No | Part           | Material             | Standard          |
|----|----------------|----------------------|-------------------|
| 1  | Bolt           | Steel                | ASTM A307 GRB     |
| 2  | Cover          | Cast Iron            | ASTM A126 CLASS B |
| 3  | Cover Gasket   | Non Asbestos         | Commercial        |
| 4  | Body           | Cast Iron/Cast Steel | ASTM A126 CLASS B |
| 5  | Hinge pin      | Stainless Steel      | ASTM A276-303     |
| 6  | Clapper arm    | Bronze               | ASTM B132         |
| 7  | Clapper        | Cast Iron            | ASTM A126 CLASS B |
| 8  | Cap screw bolt | Bronze               | ASTM B21          |
| 9  | Body ring      | Bronze               | ASTM B62          |
| 10 | Clapper ring   | Bronze               | ASTM B62          |



- ▲ The Valves are designed and manufactured according to AWWA standards and other international standards.
- ▲ Flange shape and drilling to specification ANSI B16.10
- ▲ Face to face dimensions confirm to ANSI B16.10
- ▲ Suitable media: Water, Oil, Gas, Fire Fighting
- ▲ Available in all Iron - upon request
- ▲ Working temperature : <425 °C





## Check Valve



SD-CV150 CLASS 150LB FLANGE

SD-CV300 CLASS 300LB FLANGE

SD-CV600 CLASS 600LB FLANGE

### Dimensions (mm)

| Class  | Size   | L   | D   | t  | G   | C     | nØd   | H   | Wt (kg) |
|--------|--------|-----|-----|----|-----|-------|-------|-----|---------|
| 150LBS | 2"     | 203 | 152 | 16 | 92  | 120.7 | 4-19  | 135 | 18      |
|        | 2 1/2" | 216 | 178 | 18 | 105 | 139.7 | 4-19  | 147 | 23      |
|        | 3"     | 241 | 190 | 19 | 127 | 152.4 | 4-19  | 178 | 30      |
|        | 4"     | 292 | 229 | 24 | 157 | 190.5 | 8-19  | 222 | 45      |
|        | 6"     | 356 | 279 | 26 | 216 | 241.3 | 8-22  | 314 | 75      |
|        | 8"     | 495 | 343 | 29 | 270 | 298.5 | 8-22  | 350 | 135     |
| 300LBS | 10"    | 622 | 406 | 31 | 324 | 362.9 | 12-25 | 406 | 181     |
|        | 12"    | 698 | 483 | 32 | 381 | 431.8 | 12-25 | 445 | 295     |
|        | 2"     | 267 | 165 | 23 | 92  | 127.0 | 8-19  | 160 | 25      |
|        | 2 1/2" | 292 | 190 | 26 | 105 | 149.2 | 8-22  | 172 | 32      |
|        | 3"     | 318 | 210 | 29 | 127 | 168.3 | 8-22  | 189 | 44      |
|        | 4"     | 356 | 254 | 32 | 157 | 200.0 | 8-22  | 210 | 68      |
| 600LBS | 6"     | 445 | 318 | 37 | 216 | 269.9 | 12-22 | 330 | 126     |
|        | 8"     | 559 | 381 | 42 | 270 | 330.2 | 12-25 | 418 | 197     |
|        | 10"    | 622 | 445 | 48 | 324 | 381.4 | 16-29 | 450 | 322     |
|        | 12"    | 711 | 521 | 51 | 381 | 450.9 | 16-32 | 508 | 544     |
|        | 2"     | 292 | 165 | 26 | 92  | 127.0 | 8-19  | 200 | 33      |
|        | 2 1/2" | 330 | 190 | 29 | 105 | 149.2 | 8-22  | 236 | 46      |
|        | 3"     | 356 | 210 | 32 | 127 | 168.3 | 8-22  | 269 | 65      |
|        | 4"     | 432 | 273 | 38 | 157 | 215.9 | 8-25  | 310 | 110     |
|        | 6"     | 559 | 356 | 48 | 216 | 292.1 | 12-29 | 407 | 260     |
|        | 8"     | 660 | 419 | 56 | 270 | 349.3 | 12-32 | 422 | 410     |
|        | 10"    | 787 | 508 | 64 | 324 | 431.8 | 16-35 | 546 | 476     |
|        | 12"    | 838 | 559 | 67 | 381 | 489.0 | 20-35 | 584 | 771     |

| Flanged to                      | Class 125 | Class 150 | Class 250-300 | Class 600 |
|---------------------------------|-----------|-----------|---------------|-----------|
| Working Pressure (psi)          | -         | 250       | 600           | 1000      |
| Shell Test Pressure (psi) water | -         | 315       | 815           | 1630      |
| Shell Test Pressure (psi) air   | -         | 80        | 80            | 80        |

### Materials for Main Parts

| No | Part              | Material        | Standard         |
|----|-------------------|-----------------|------------------|
| 1  | Cover             | Cast Steel      | ASTM A216 GR WCB |
| 2  | Disc              | Cast Steel      | ASTM A216 GR WCB |
| 3  | Hanger            | Cast Steel      | ASTM A216 GR WCB |
| 4  | Seat Sealing Face | Stellite        | CO-CR-W          |
| 5  | Disc Sealing Face | Stainless Steel | 13% CR           |
| 6  | Hanger Pin        | Stainless Steel | 13% CR           |
| 7  | Body              | Cast Steel      | ASTM A216 GR WCB |



- ▲ The Valves are designed and manufactured according to AWWA standards and other international standards.
- ▲ Flange shape and drilling to specification ANSI B16.5
- ▲ Face to face dimensions confirm to ANSI B16.5
- ▲ Suitable media: Water, Oil, Gas, Fire Fighting
- ▲ Available in all Iron - upon request
- ▲ Working temperature : <425 °C

