



General Specification

Used in one-way flow pipelines to prevent back flow, in both vertical or horizontal applications

Max working pressure: 350psi

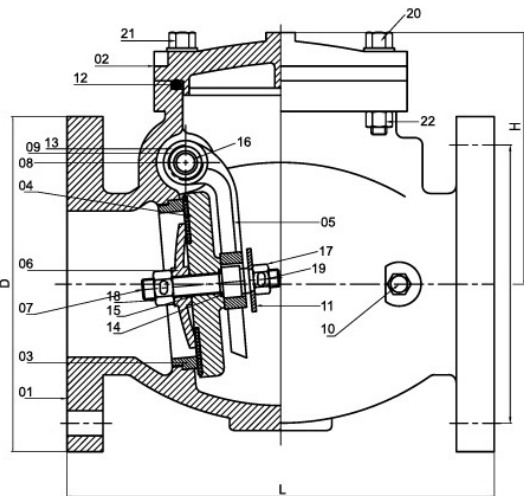
Testing pressure: 600 psi

Flange standard: ASME/ANSI Class 125 / 150

Coating: internal & external electrostatic epoxy coated

Material specifications

| No. | Part | Specification | American standard |
|-----|----------------|---------------------|----------------------------------|
| 1 | Body | Ductile iron | ASTM A536, 65-45-12 |
| 2 | Bonnet | Ductile iron | ASTM A536, 65-45-12 |
| 3 | Seat ring | C95400 | ASTM A148 |
| 4 | Disc | Ductile iron + EPDM | ASTM A536, 65-45-12 + ASTM D2000 |
| 5 | Rocker arm | Ductile iron | ASTM A536, 65-45-12 |
| 6 | Baffle plate | C95400 | ASTM A148 |
| 7 | Middle stern | Stainless Steel 304 | ASTM A276 |
| 8 | Stern | Stainless Steel 304 | ASTM A276 |
| 9 | Bracket screw | Stainless Steel 304 | ASTM A276 |
| 10 | Plug | C95400 | ASTM A148 |
| 11 | Gasket | Stainless Steel 304 | ASTM A276 |
| 12 | O-ring | EPDM | ASTM D2000 |
| 13 | O-ring | EPDM | ASTM D2000 |
| 14 | O-ring | EPDM | ASTM D2000 |
| 15 | O-ring | EPDM | ASTM D2000 |
| 16 | Bronze bushing | Powder Metallurgy | |
| 17 | Nut | Stainless Steel 304 | ASTM A276 |
| 18 | Nut | Stainless Steel 304 | ASTM A276 |
| 19 | Cotter pin | Stainless Steel 304 | ASTM A276 |
| 20 | Bolt | Steel 1045 | ASTM A29 |
| 21 | Bolt | Steel 1045 | ASTM A29 |
| 22 | Nut | Steel 1045 | ASTM A29 |



| ITEM SIZE | L | D | H | DN |
|-----------|-----|-----|-------|-----|
| 2" | 203 | 152 | 142 | 50 |
| 2-1/2" | 216 | 178 | 148 | 65 |
| 3" | 241 | 191 | 163.5 | 80 |
| 4" | 292 | 229 | 172 | 100 |
| 5" | 330 | 254 | 237 | 125 |
| 6" | 356 | 279 | 233 | 150 |
| 8" | 495 | 343 | 301 | 200 |
| 10" | 522 | 406 | 348 | 250 |
| 12" | 598 | 483 | 419 | 300 |

