

Swing Check Valve

FIG. F0311-300

Specifications

- Meet or exceed the requirements of AWWA C508 standard.
 - Gravity operated, swing check design.
 - Inspection or replacement all parts without removing the valve from the line.
 - Bosses on both sides of the body for connecting by-passes if required.
 - Drain plug at the bottom under the inlet end for attaching a drain valve if required.
 - Excellent flow characteristics.
 - Superior design featuring exceptionally low pressure losses at high flow rates.
 - Bolted Cover.
 - Rubber Disc Facing and Bronze Seat Ring.
 - Flanged connections are drilled per ASME B16.1 Class 125.
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- UL 312/ULC listed and FM 1210 approved.
 - GOST Certificated.

Working Pressure and Temperature

- 300 psi @ 0°C to 87°C.

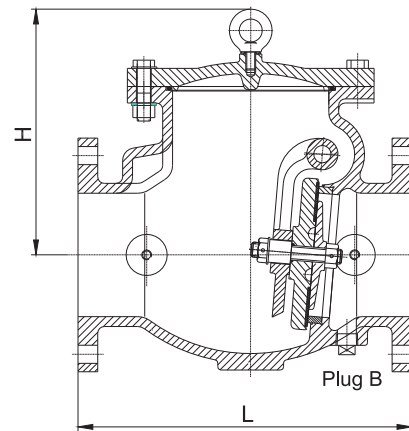
Corrosion Protection

- Fusion bonded coating interior and exterior meet or exceed all applicable of AWWA C550 standard.

Material Specification

| Part | Material | ASTM Specification |
|----------------------|-----------------|---------------------|
| Body | Ductile Iron | A536 Grade 65-45-12 |
| Cover | Ductile Iron | A536 Grade 65-45-12 |
| Body Seat Ring | Bronze | B62 C83600 |
| Disc Seat Ring | Rubber | D2000 EPDM |
| Seat Ring Holder | Ductile Iron | A536 Grade 65-45-12 |
| Disc | Ductile Iron | A536 Grade 65-45-12 |
| Body/Cover O-ring | Rubber | D2000 NBR |
| Clapper Arm | Ductile Iron | A536 Grade 65-45-12 |
| Hinge Pin | Stainless Steel | A276 Grade 304 |
| Hinge Pin Plug | Stainless Steel | A276 Grade 304 |
| Plug Washer | Red Copper | |
| Body/Cover Fasteners | Carbon steel | A307 Garde B |
| Disc Seat Bolt/Nut | Stainless Steel | A276 Grade 304 |
| Eyebolt | Carbon steel | A307 Garde B |

Schematic



Options

- Flanged end type: ASME B16.42 Class 150 or EN1092 - PN10/16.
- Fasteners: Stainless steel, A2-70 / A4-70.
- Brass Plug B optional.

Main Dimensions (mm/inch)

| Size | 2 | 2.5 | 3 | 4 | 5 | 6 | 8 | 10 | 12 |
|------|---------|----------|----------|----------|----------|----------|----------|----------|----------|
| L | 203/8.0 | 254/10.0 | 279/11.0 | 330/13.0 | 356/14.0 | 406/16.0 | 495/19.5 | 559/22.0 | 660/26.0 |
| H | 132/5.2 | 145/5.7 | 152/6.0 | 175/6.9 | 295/11.6 | 300/11.8 | 357/14.1 | 401/15.8 | 445/18.3 |

Notes

- 5" and above sizes valve are with eyebolt for lifting.
- Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.