SABA TAM SANAT
شرکت مهندسی صباتام صنعت

WEFLO®

CNBOP-PIB | c UL us LISTED | FM APPROVED

FIG. F0311-300

Swing Check Valve



Specifications

- Meet or exceed the requirements of AWWA C508 standard.
- Gravity Operated, Swing Check Design.
- Suitable for indoor and outdoor use.
- 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.
- Rated Working Pressure 300 psi.
- UL 312/ULC Listed and FM 1210 Approved, CNBOP Certified.

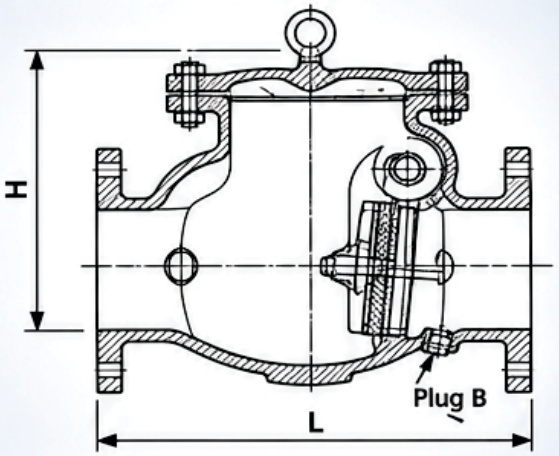
Corrosion Protection

- Fusion Bonded Epoxy Coated Interior and Exterior to 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 Type 304
Hinge Pin Plug	Stainless Steel	A276 Type 304
Plug Washer	Red Copper	–
Body/Cover Fasteners	Carbon Steel	A307 Grade B
Disc Seat Bolt/Nut	Stainless Steel	A276 Type 316/304
Eyebolt	Carbon Steel	A307 Grade B

Schematic



Options

- Flanged End Types:
  ASME B16.42 Class 150 or EN1092 - PN10/16.
- Fasteners: Stainless Steel, A2-70 / A4-70.
- 304SS 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	465/18.3

Notes:

- 2" 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.

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