



AF05

SWING CHECK VALVE WITH FLANGED ENDS

AF05-300F-01, 2" - 12"

Swing Check Valve with flanged ends, designed to prevent reverse flow and ensure reliable, low-resistance operation in pipeline systems.



Application:



Fire Protection

Design features

- May be installed horizontally or vertically, for vertical installations, the flow must be in upward direction

Technical Details

Maximum Working Pressure PFA:
300 PSI / 20,7 bar for 2"-12"

Certification:
UL Listed and FM Approved

Working temperature:
42 °F to 180 °F (6 °C to 82 °C)

Connection:
Flanges to ANSI B16.5 Class150, ANSI B16.1 Class125 or EN 1092-2 PN16
(other flange types available on request)

Construction complies to:
Complies with AWWA C508 Standard

Coating:
300 µm FBE coating, external and internal to AWWA C550

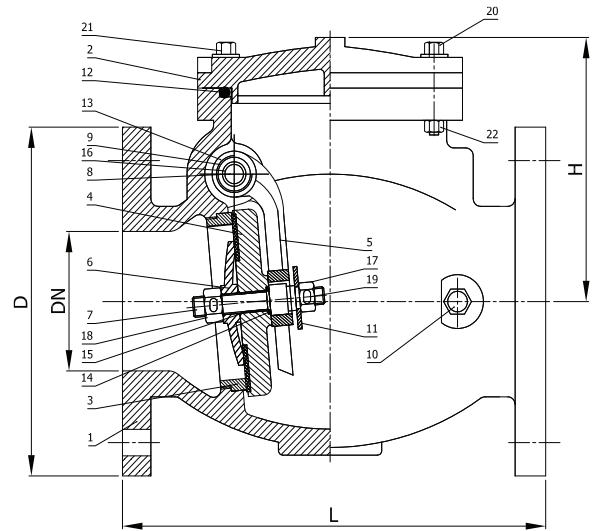
Installation:
Used in one-way flow pipeline to prevent the water from back flow.





AF05

No	Part Name	Material - ASTM Specification
1	Body	Ductile iron EN-GJS-500-7
2	Bonnet	Ductile iron EN-GJS-500-7
3	Seat Ring	C95400
4	Disc	Ductile Iron, EPDM Encapsulated
5	Rocker Arm	Ductile iron EN-GJS-500-7
6	Baffle Plate	C95400
7	Middle Stem	Stainless steel AISI 304
8	Stem	Stainless steel AISI 304
9	Bracket Screw	Stainless steel AISI 304
10	Plug	C95400
11	Gasket	Stainless steel AISI 304
12	O-Ring	Elastomer EPDM
13	O-Ring	Elastomer EPDM
14	O-Ring	Elastomer EPDM
15	O-Ring	Elastomer EPDM
16	Bronze Bush	Powder Metallurgy
17	Nut	Stainless steel AISI 304
18	Nut	Stainless steel AISI 304
19	Cotter Pin	Stainless steel AISI 304
20	Bolt	Steel 1045
21	Bolt	Steel 1045
22	Nut	Steel 1045



Dimension (mm & kg)

Size		50/2"	65/2.5"	80/3"	100/4"	125/5"	150/6"	200/8"	250/10"	300/12"
AF05-300F-01	ANSI Class150	AM0525	AM0526	AM0527	AM0528	AM0529	AM0530	AM0531	AM0532	AM0533
	ANSI Class125	AM0553	AM0554	AM0555	AM0556	AM0557	AM0558	AM0559	AM0560	AM0561
	EN 1092-2 PN16	AM0562	AM0563	AM0564	AM0565	AM0566	AM0567	AM0568	AM0569	AM0570
L	[inch]	8	8,5	9,5	11,5	13	14	19,5	24,5	27,5
	[mm]	203	216	241	292	330	356	495	622	698
H	[inch]	5,6	5,8	6,4	6,8	9,3	9,2	11,9	13,7	16,5
	[mm]	142	148	163	172	237	233	301	348	419
Weight (kg)		14,5	20	24	34	55	63,5	114	185	280