

## Swing Check Valve with Grooved Ends



**AF05-300G**

**2,5" - 12"**

**300 PSI**

### Technical Details

**Maximum Working Pressure PFA:**

300 PSI / 20,7 bar for 2"-12"  
 200/250 PSI available on request

**Working temperature:**

42 °F to 180 °F (6 °C to 82 °C)

**Certification:**

UL Listed and FM Approved

**Connection:**

Grooved Ends to AWWA C606 Standard or Metric Dimensions

**Coating:**

300 µm FBE coating, external and internal to AWWA C550

**Application:**

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



### Design features

- Full waterway design
- Seating type is resilient material to bronze seat construction
- Two test plugs included - installed on one side of valve body

### Material Specification

No	Part Name	Material - ASTM Specification
1	Body	Ductile Iron A536 65-45-12
2	Seat Ring	Bronze B62 C83600
3	Disc	Ductile Iron + EPDM
4	Spindle	Stainless Steel AISI 304
5	Spring	Stainless Steel AISI 304
6	Plug	Stainless Steel AISI 304
7	Washer	EPDM

SIZE		65/2,5"	80/3"	100/4"	125/5"	150/6"	200/8"	250/10"	300/12"
AF		AM0284	AM0285	AM0286	AM0287	AM0288	AM0289	AM0290	AM0291
OD	[inch]	2-7/8	3-1/2	4-1/2	5-1/2	6-1/2	8-5/8	10-3/4	12-3/4
	[inch]	3			6-9/16	6-5/8			
	[mm]	73,0	88,9	114,3	139,7	165,1	219,1	273,0	323,9
	[mm]	76,1			141,3	168,3			
L	[inch]	8	8-3/8	9-5/8	10-1/2	11-1/2	14	17	19,1/2
	[mm]	203,2	213	245	267	292	356	432	495
H	[inch]	2-15/16	3-1/16	4	4-7/16	5-1/4	6-5/16	7-1/16	8-1/2
	[mm]	74,5	78	102	112	133,5	160	195	211
Weight (kg)		17	26	35	56	71	115,5	184	272

