

910F-LFA

Class 125, Swing Check Valve

LEAD FREE

SUBMITTAL SHEET

"Apollo" Flow Controls



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO#:	
Rep:	
Wholesale Dist.:	

DESCRIPTION

The Apollo International™ Model 910F-LFA Flanged Cast Swing Check Valve provides full flow capabilities. It provides reliable and economical protection against reverse flow. The Model 910F-LFA Swing Check Valve can be reliably installed in plumbing and heating systems (or building service piping). Valves are MSS SP-71 compliant and include NSF lead free certifications.

FEATURES

- Compatible with ANSI 125# & 150# Flanges
- Full Port
- Minimal Pressure Drop
- Flanged Connection
- Bolted Bonnet
- Integral Bronze Seat
- FDA Food Grade Epoxy Powder Coat Finish

STANDARDS

- MSS SP-71 - Gray Iron Swing Check Valves Flanged and Threaded - Type 1
- ASME B16.10 - Face-to-Face and End-to-End Dimensions of Valves

APPROVALS

- NSF/ANSI 372 Lead Free
- NSF/AND 61 Water Quality

PERFORMANCE RATING

- Cold Working Pressure:
 - 200 psi (13.8 Bar) at 100°F (2"-12")
 - 150 psi (10.3 Bar) at 100°F (14"-20")
- Saturated Steam:
 - 125 psi (8.6 Bar) at 353°F (2"-12")
 - 100 psi (6.9 Bar) at 338°F (14"-20")
- Temperature Range: -20°F to 406°F Max

PART NUMBER MATRIX

SIZE (IN.)	PART NUMBER
2"	6SC108BILFA
2-1/2"	6SC109BILFA
3"	6SC100BILFA
4"	6SC10ABILFA
5"	6SC10BBILFA
6"	6SC10CBILFA
8"	6SC10E0ILFA
10"	6SC10G0ILFA
12"	6SC10H0ILFA
14"	6SC10J0ILFA
16"	6SC10K0ILFA
18"	6SC10M0ILFA
20"	6SC10N0ILFA

**LFA models replace LF models

STANDARD MATERIALS LIST

1	Bolts	Steel (ASTM A307 B)
2	Nameplate	Aluminum
3	Bonnet	Cast Iron (ASTM A126 CL B)
4	Body Gasket	Graphite
5	Nuts	Steel (ASTM A307 B)
6	Side Plug	Cast Lead Free Bronze
7	Gasket	PTFE
8	Hanger Pin	Cast Lead Free Bronze
9	Hanger	Ductile Iron (ASTM A536 65-45-12)
10	Disc Ring	Cast Lead Free Bronze (2"-6") Cast Iron (ASTM A126 CL B) (8"-20")
11	Disc	Cast Iron (ASTM A126 CL B)
12	Washer	Steel (ASTM A307 B)
13	Split Pin	Stainless Steel (ASTM 420 S42000)
14	Seat Ring	Cast Lead Free Bronze (2"-6") Cast Iron (ASTM A126 CL B) (8"-20")
15	Body	Cast Iron (ASTM A126 CL B)
16	Disc Nut	Steel (ASTM A307 B)
17	Stud Bolt	Steel (ASTM A307 B)

*LEAD FREE: The wetted surfaces of this product shall contain no more than 0.25% lead by weighted average. Complies with Federal Public Law III-380. ANSI 3rd party approved and listed.

Customer Service (704) 841-6000
www.apolloflowcontrols.com

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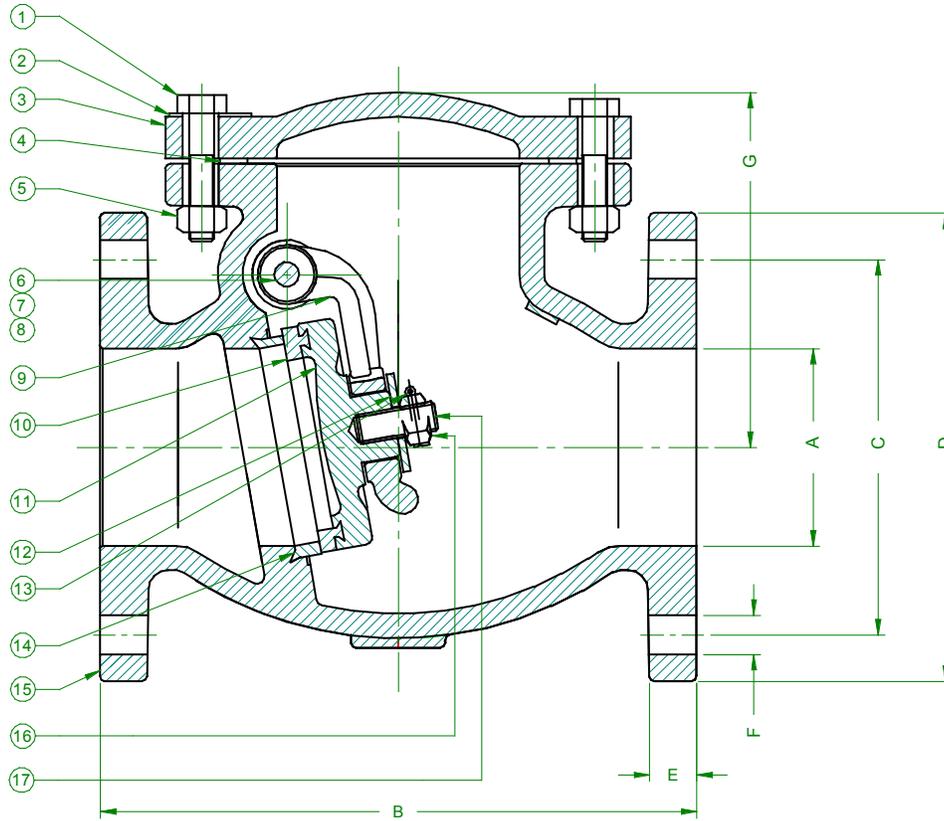
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DIMENSIONS

SIZE (IN.)	DIMENSIONS (IN.)							WT. (LB.)	CV (TYP)
	A	B	C	D	E	F	G		
2"	2.00	8.00	4.75	6.00	0.62	0.75	4.41	26	132
2.5"	2.50	8.50	5.50	7.00	0.69	0.75	5.24	39	192
3"	3.00	9.50	6.00	7.50	0.75	0.75	5.67	47	298
4"	4.00	11.50	7.50	9.00	0.94	0.75	6.61	82	526
5"	5.00	13.00	8.50	10.00	0.94	0.88	7.80	124	852
6"	6.00	14.00	9.50	11.00	1.00	0.88	8.54	160	1272
8"	8.00	19.50	11.75	13.50	1.12	0.88	10.28	271	2278
10"	10.00	24.50	14.25	16.00	1.19	1.00	11.30	437	3588
12"	12.00	27.50	17.00	19.00	1.25	1.00	12.56	644	5342
14"	14.00	31.00	18.75	21.00	1.38	1.14	17.50	950	6512
16"	16.00	36.00	21.25	23.50	1.44	1.14	23.45	1160	8626
18"	18.00	36.00	22.75	25.00	1.56	1.25	27.50	1720	11488
20"	20.00	40.00	25.00	27.50	1.69	1.25	29.25	2094	14304

Cv = GPM @ 1 psi pressure drop, 60°F water

*Cv values are estimates only

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