



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

DESCRIPTION

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

FEATURES

- Compatible with ANSI 125# & 150# Flanges
- Full Port
- Minimal Pressure Drop
- Flanged Connection
- Bolted Bonnet
- Integral Bronze Seat

STANDARDS

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

APPROVALS

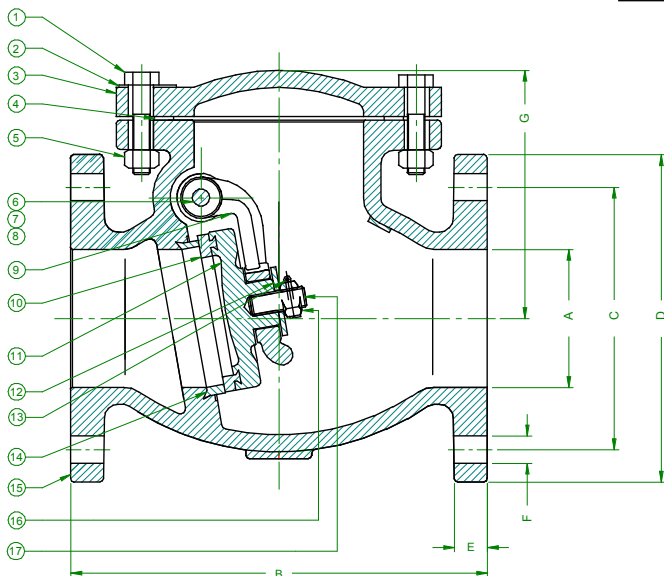
- NSF/ANSI 372 Lead Free
- NSF/ANSI 61 Water Quality

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")
 - Temperature Range: -20° F - 180° F Max
- Not For Steam Use**

STANDARD MATERIALS LIST

BOLTS	Steel (ASTM A307 B)	DISC RING	Cast Lead Free Bronze (2"-6") Cast Iron (ASTM A126 CL B) (8"-20")
NAMEPLATE	Aluminum	DISC	Cast Iron (ASTM A126 CL B)
BONNET	Cast Iron (ASTM A126 CL B)	WASHER	Steel (ASTM A307 B)
BODY GASKET	Graphite	SPLIT PIN	Stainless Steel (ASTM 420 S42000)
NUTS	Steel (ASTM A307 B)	SEAT RING	Cast Lead Free Bronze (2"-6") Cast Iron (ASTM A126 CL B) (8"-20")
SIDE PLUG	Cast Lead Free Bronze	BODY	Cast Iron (ASTM A126 CL B)
GASKET	PTFE	DISC NUT	Steel (ASTM A307 B)
HANGER PIN	Cast Lead Free Bronze	STUD BOLT	Steel (ASTM A307 B)
HANGER	Ductile Iron (ASTM A536 65-45-12)		



DIMENSIONS

PART NUMBER	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
6SC-109-B1-LF	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
6SC-10A-B1-LF	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
6SC-10C-B1-LF	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
6SC-10G-01-LF	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
6SC-10K-01-LF	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

*LEAD FREE: The wetted surfaces of this product shall contain no more than 0.25% lead by weighted average. Complies with Federal Public Law 111-380. ANSI 3rd party approved and listed.