

910F-LFA

class 125, swing check valve
lead free



job name:	
job location:	
engineer:	
contractor:	
tag:	
po#:	
rep:	
wholesale dist.:	

description

The **Apollo International™ model 910F-LFA** flanged cast iron 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

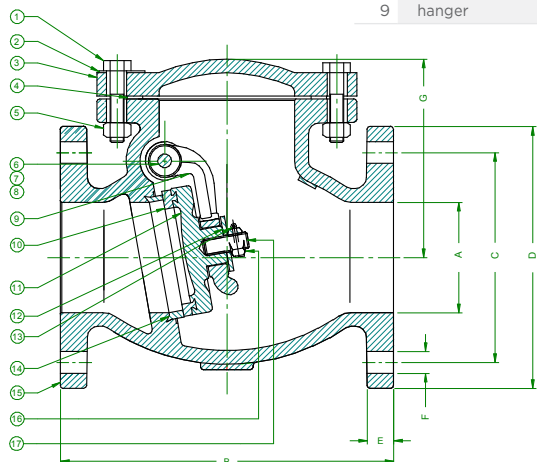
- NSF/ANSI/CAN 372 lead free
- NSF/ANSI/CAN 61 water quality
- CSA B51-CRN certified OC12102.8 (2"-12")

performance rating

- cold working pressure:
200 psi (13.8 bar) at 100°F (2"-12")
150 psi (10.3 bar) at 100°F (14"-16")
- saturated steam:
125 psi (8.6 bar) at 353°F (2"-12")
100 psi (6.9 bar) at 338°F (14"-16")
- temperature range: -20°F to 406°F max

standard material list

no.	component	material	no.	component	material
1	bolts	steel (ASTM A307 B)	10	disc ring	cast lead free bronze (2"-12") cast iron (ASTM A126 CL B) (14"-16")
2	nameplate	aluminum	11	disc	cast iron (ASTM A126 CL B)
3	bonnet	cast iron (ASTM A126 CL B)	12	washer	steel (ASTM A307 B)
4	body gasket	graphite	13	split pin	stainless steel (ASTM 420 S42000)
5	nuts	steel (ASTM A307 B)	14	seat ring	cast lead free bronze (2"-12") cast iron (ASTM A126 CL B) (14"-16")
6	side plug	cast lead free bronze	15	body	cast iron (ASTM A126 CL B)
7	gasket	PTFE	16	disc nut	steel (ASTM A307 B)
8	hanger pin	cast lead free bronze	17	stud bolt	steel (ASTM A307 B)
9	hanger	ductile iron (ASTM A536 65-45-12)			



dimensions

part no.	size	weight	Cv(typ)	dimensions						
				a	b	c	d	e	f	g
6SC108B1LFA	2"	26 lbs	132	2.00"	8.00"	4.75"	6.00"	0.62"	0.75"	4.41"
6SC109B1LFA	2.5"	39 lbs	192	2.50"	8.50"	5.50"	7.00"	0.69"	0.75"	5.24"
6SC100B1LFA	3"	47 lbs	298	3.00"	9.50"	6.00"	7.50"	0.75"	0.75"	5.67"
6SC10AB1LFA	4"	82 lbs	526	4.00"	11.50"	7.50"	9.00"	0.94"	0.75"	6.61"
6SC10BB1LFA	5"	124 lbs	852	5.00"	13.00"	8.50"	10.00"	0.94"	0.88"	7.80"
6SC10CB1LFA	6"	160 lbs	1,272	6.00"	14.00"	9.50"	11.00"	1.00"	0.88"	8.54"
6SC10EB1LFA	8"	271 lbs	2,278	8.00"	19.50"	11.75"	13.50"	1.12"	0.88"	10.28"
6SC10GB1LFA	10"	437 lbs	3,588	10.00"	24.50"	14.25"	16.00"	1.19"	1.00"	11.30"
6SC10HB1LFA	12"	644 lbs	5,342	12.00"	27.50"	17.00"	19.00"	1.25"	1.00"	12.56"
6SC10J01LFA	14"	950 lbs	6,512	14.00"	31.00"	18.75"	21.00"	1.38"	1.14"	17.50"
6SC10K01LFA	16"	1,160 lbs	8,626	16.00"	36.00"	21.25"	23.50"	1.44"	1.14"	23.45"

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

*Cv values are estimates only

**LFA models replace LF models

*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.