



Valves

submittal sheet

910FLW-LFA

class 125, swing check valve, lever & weight style

lead free



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

description

The **Apollo International™ model 910FLW-LFA** flanged cast iron swing check valve with lever and weight provides full flow capabilities. It provides reliable and economical protection against reverse flow. The model 910FLW-LFA swing check valve can reliably be installed in most 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

performance rating

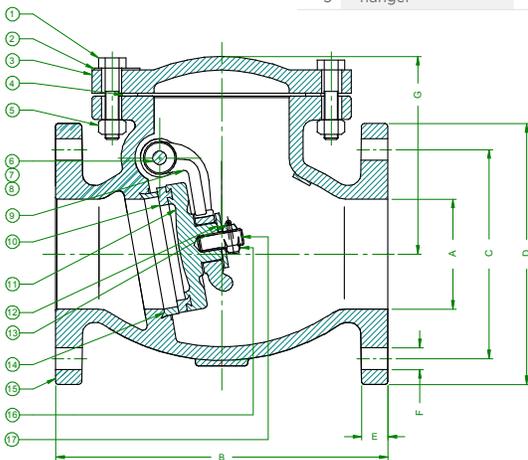
- cold working pressure: 200 psi (13.8 bar) at 100°F
- saturated steam: 125 psi (8.6 bar) at 353°F
- temperature range: -20°F to 406°F max

approvals

- NSF/ANSI/CAN 372 lead free
- NSF/ANSI/CAN 61 water quality
- CSA B51-CRN certified OC12102.8

standard material list

no.	component	material	no.	component	material
1	bolts	steel (ASTM A307 B)	10	disc ring	cast bronze (ASTM B148)
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 bronze (ASTM B148)
6	side plug	cast bronze (ASTM B148)	15	body	cast iron (ASTM A126 CL B)
7	gasket	PTFE	16	disc nut	steel (ASTM A307 B)
8	hanger pin	cast bronze (ASTM B148)	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
6SC108B1LLFA	2"	38.8 lbs	132	2.00"	8.00"	4.75"	6.00"	0.62"	0.75"	5.12"
6SC109B1LLFA	2.5"	45.2 lbs	192	2.50"	8.50"	5.50"	7.00"	0.69"	0.75"	5.71"
6SC100B1LLFA	3"	61.7 lbs	298	3.00"	9.50"	6.00"	7.50"	0.75"	0.75"	7.48"
6SC10AB1LLFA	4"	99.2 lbs	526	4.00"	11.50"	7.50"	9.00"	0.94"	0.75"	8.86"
6SC10BB1LLFA	5"	132.3 lbs	852	5.00"	13.00"	8.50"	10.00"	1.00"	0.88"	9.66"
6SC10CB1LLFA	6"	169.8 lbs	1,272	6.00"	14.00"	9.50"	11.00"	1.00"	0.88"	10.83"
6SC10EB1LLFA	8"	282.2 lbs	2,278	8.00"	19.50"	11.75"	13.50"	1.12"	0.88"	12.99"

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.