data sheet

920F-LFA series

class 250, swing check valve | lead-free



features

- compatible with ANSI 250 & 300 flanges
- full port
- minimal pressure drop
- flanged connection
- bolted bonnet
- integral bronze seat
- FDA food grade epoxy powder coat finish

description

The “Apollo”® International™ model 920F-LFA flanged cast iron swing check valve provides full flow capabilities. It provides reliable and economical protection against reverse flow. The model 920F-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.

size range

- 2” - 8”

connections

- flanged

configurations

- 920F-LFA series - lead-free

approvals

- MSS SP-71
- ASME B16.10
- NSF/ANSI/CAN 372 lead-free
- NSF/ANSI/CAN 61 water quality
- CSA B51-CRN certified 0C12102.8

component	material
body	cast iron (ASTM A 126 CL B)
body gasket	graphite
side plug	cast lead-free bronze
gasket	PTFE
hanger	ductile iron (ASTM A536 65-45-12)
seat ring	cast lead-free bronze
bonnet	cast iron (ASTM A 126 CL B)
bolts	steel (ASTM A307 B)
nuts	steel (ASTM A307 B)
washer	steel (ASTM A307 B)
disc	cast iron (ASTM A 126 CL B)
disc ring	cast lead-free bronze
split pin	stainless steel (ASTM 420 S42000)
hanger pin	cast lead-free bronze
disc nut	steel (ASTM A307 B)
stud bolt	steel (ASTM A307 B)
nameplate	aluminum

performance rating

CWP	SWP	temperature range
500 psi (34.5 bar) at 100°F	250 psi (17.2 bar) at 353°F	-20°F to 406°F (maximum)

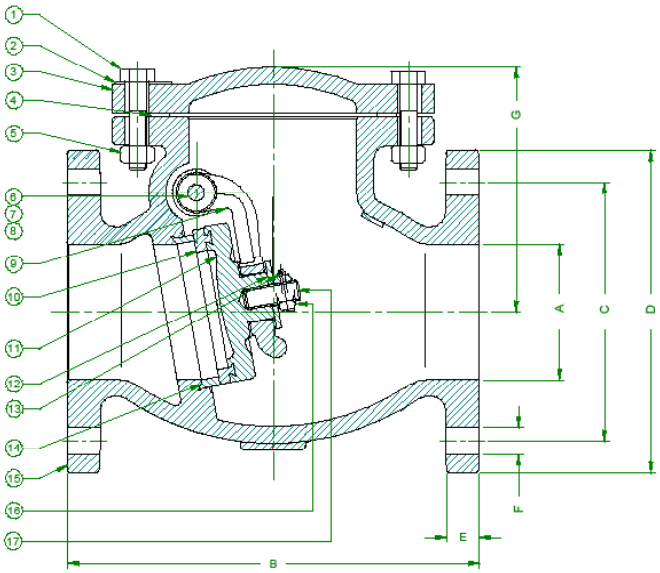
LEAD FREE CERTIFIED

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job name	
job location	
engineer	
contractor	
tag	
PO#	
rep	
wholesaler dist	

data sheet



dimensions

part number	size	a	b	c	d	e	f	g	weight	Cv
6SC208B1LFA	2"	2.00"	10.50"	5.00"	6.50"	0.88"	0.75"	7.00"	30 lbs	132
6SC209B1LFA	2 ½"	2.50"	11.50"	5.88"	7.50"	1.00"	0.88"	7.00"	44 lbs	192
6SC200B1LFA	3"	3.00"	12.50"	6.62"	8.25"	1.12"	0.88"	8.00"	55 lbs	298
6SC20AB1LFA	4"	4.00"	14.00"	7.88"	10.00"	1.25"	0.88"	10.00"	90 lbs	526
6SC20CB1LFA	6"	6.00"	17.50"	10.62"	12.50"	1.44"	0.88"	12.00"	172 lbs	1,272
6SC20E01LFA	8"	8.00"	21.00"	13.00"	15.00"	1.62"	1.00"	14.00"	289 lbs	2,278

Cv = GPM @1 psi pressure drop, 60°F water
*Cv values are estimates only
**Cast iron seat & disc ring
***LFA models replace LF models