

610F-LFA

class 125, non-rising stem, gate valve
lead free



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

description

The **Apollo International™ model 610F-LFA** flanged cast iron gate valve provides full flow capabilities. The model 610F-LF gate valve can be reliably installed in plumbing and heating systems (or building service piping). Valves are MSS SP-70 compliant and include NSF lead free certifications.

features

- compatible with ANSI 125# & 150# flanges
- full port
- bronze mounted seat rings/trim
- solid wedge
- adjustable graphite stem packing
- non-rising stem
- flanged connection
- bolted bonnet
- rugged iron hand wheel
- back seat protection
- FDA food grade epoxy powder coat finish

standards

- MSS SP-70 - gray iron gate valves flanged and threaded - type 1
- ASME B16.10 - face-to-face and end-to-end dimensions of valves

approvals

- NSF/ANSI/CAN 61 water quality
- NSF/ANSI/CAN 372 lead free
- 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 (16")
- saturated steam:
 - 125 psi (8.6 bar) at 353°F (2"-12")
 - 100 psi (6.9 bar) at 338°F (16")
- temperature range: -20° F - 406° F max

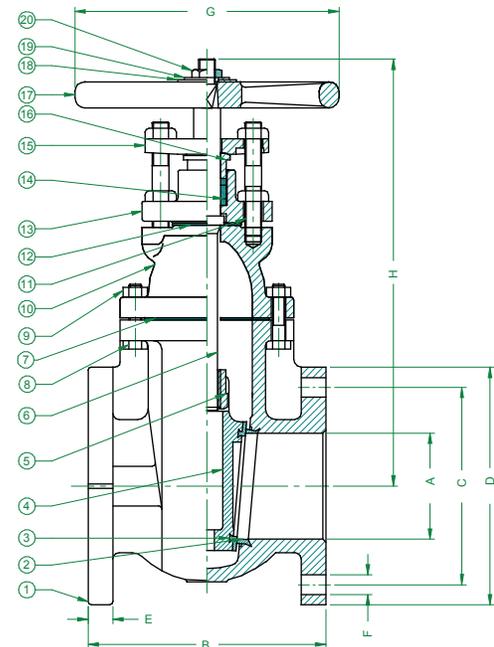
standard material list

no.	component	material	no.	component	material
1	body	cast iron (ASTM A 126 CL B)	11	gland follower bolts	carbon steel (ASTM A307 B)
2	seat rings	cast lead free bronze	12	stuffing box gaskets	graphite
3	wedge face rings	cast lead free bronze	13	stuffing box	cast iron (ASTM A 126 CL B)
4	wedge	cast lead free bronze	14	packing	graphite
5	wedge nut	cast lead free bronze	15	gland follower	ductile iron (ASTM A536 65-45-12)
6	stem	cast lead free bronze	16	packing gland	cast lead free bronze
7	body gasket	graphite	17	handwheel	cast iron (ASTM A 126 CL B)
8	bolts	carbon steel (ASTM A307 B)	18	nameplate	aluminum
9	nuts	carbon steel (ASTM A307 B)	19	washer	carbon steel (ASTM A307 B)
10	bonnet	cast iron (ASTM A 126 CL B)	20	handwheel nut	ductile iron (ASTM A536 65-45-12)

dimensions

part no.	size	weight	Cv(typ)	dimensions								
				a	b	c	d	e	f	g	h (open)	
6GA108B1LFA	2"	36 lbs	328	2.00"	7.00"	4.75"	6.00"	0.62"	0.75"	7"	14.57"	
6GA109B1LFA	2.5"	48 lbs	482	2.50"	7.50"	5.50"	7.00"	0.69	0.75"	7"	16.34"	
6GA100B1LFA	3"	59 lbs	744	3.00"	8.00"	6.00"	7.50"	0.75"	0.75"	8"	18.90"	
6GA10AB1LFA	4"	104 lbs	1,316	4.00"	9.00"	7.50"	9.00"	0.94"	0.75"	10"	20.67"	
6GA10CB1LFA	6"	192 lbs	3,176	6.00"	10.50"	9.50"	11.00"	1.00"	0.88	12"	28.74"	
6GA10EB1LFA	8"	260 lbs	5,692	8.00"	11.50"	11.75"	13.50"	1.12"	0.88	14"	32.48"	
6GA10GB1LFA	10"	434 lbs	8,972	10.00"	13.00"	14.25"	16.00"	1.19"	1.00	16"	37.40"	
6GA10HB1LFA	12"	606 lbs	13,352	12.00"	14.00"	17.00"	19.00"	1.25"	1.00	18"	43.31"	
6GA10KB1LFA	16"	1,098 lbs	21,564	16.00"	16.00"	21.25"	23.50"	1.44"	1.14	22"	42.52"	

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.