

611F-LFA

Class 125, Outside Screw & Yoke, Gate Valve

LEAD FREE



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

DESCRIPTION

The Apollo International™ Model 611F-LFA Flanged Cast Iron Gate Valve provides full flow capabilities. The Model 611F-LFA 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
- Outside Screw & Yoke
- 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

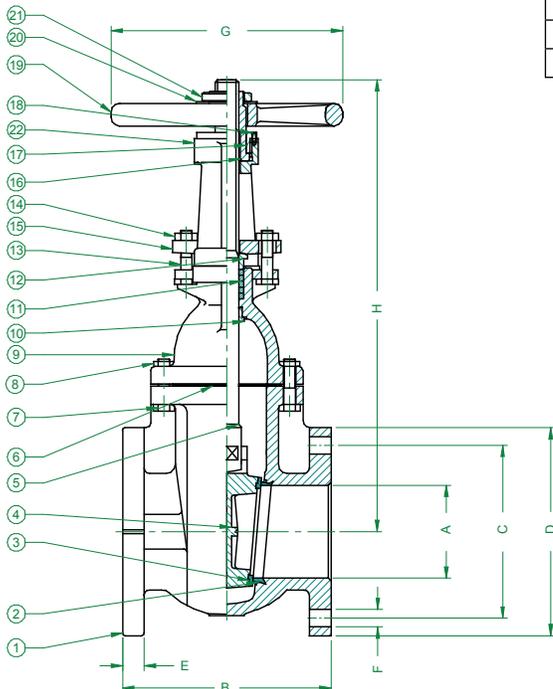
- NSF/ANSI 372 Lead Free
- NSF/AND 61 Water Quality

PERFORMANCE RATING

- Cold Working Pressure:
 - 200 psi (13.8 Bar) at 100° F (2"-12")
 - 150 psi (10.3 Bar) at 100° F (14"-24")
- Saturated Steam:
 - 125 psi (8.6 Bar) at 353°F (2"-12")
 - 100 psi (6.9 Bar) at 338°F (14"-24")
- Temperature Range: -20°F to 406°F Max

STANDARD MATERIALS LIST

1	Body	Cast Iron (ASTM A126 CL B)	12	Packing Gland	Cast Lead Free Bronze
2	Seat Rings	Cast Lead Free Bronze	13	Gland Follower Bolts	Carbon Steel (ASTM A307 B)
3	Wedge Face Rings	Cast Lead Free Bronze	14	Gland Follower Nuts	Carbon Steel (ASTM A307 B)
4	Wedge	Cast Lead Free Bronze	15	Gland Follower	Ductile Iron (ASTM A536 65-45-12)
5	Stem	Cast Lead Free Bronze	16	Yoke Bushing	Cast Lead Free Bronze
6	Body Gasket	Graphite	17	Yoke Bushing Nut	Cast Iron (ASTM A126 CL B)
7	Bolts	Carbon Steel (ASTM A307 B)	18	Screw	Carbon Steel (ASTM A307 B)
8	Nuts	Carbon Steel (ASTM A307 B)	19	Handwheel	Cast Iron (ASTM A126 CL B)
9	Bonnet	Cast Iron (ASTM A126 CL B)	20	Nameplate	Aluminum
10	Back Seat Bushing	Cast Lead Free Bronze	21	Handwheel Nut	Ductile Iron (ASTM A536 65-45-12)
11	Packing	PTFE	22	Yoke	Cast Iron (ASTM A126 CL B)



DIMENSIONS

PART NUMBER	SIZE (IN.)	DIMENSIONS (IN.)									WT. (LB.)	CV (TYP)
		A	B	C	D	E	F	G	H (OPEN)			
6GA118B1LFA	2"	2.00	7.00	4.75	6.00	0.62	0.75	7	14.96	38	328	
6GA119B1LFA	2.5"	2.50	7.50	5.50	7.00	0.69	0.75	7	16.93	51	482	
6GA110B1LFA	3"	3.00	8.00	6.00	7.50	0.75	0.75	8	19.09	62	744	
6GA11AB1LFA	4"	4.00	9.00	7.50	9.00	0.94	0.75	10	24.21	110	1316	
6GA11BB1LFA	5"	5.00	10.00	8.50	10.00	0.94	0.88	12	27.56	154	2130	
6GA11CB1LFA	6"	6.00	10.50	9.50	11.00	1.00	0.88	12	32.87	203	3176	
6GA11EB1LFA	8"	8.00	11.50	11.75	13.50	1.12	0.88	14	39.76	284	5692	
6GA11GB1LFA	10"	10.00	13.00	14.25	16.00	1.19	1.00	16	48.03	459	8972	
6GA11HB1LFA	12"	12.00	14.00	17.00	19.00	1.25	1.00	18	56.50	637	13352	
6GA11JB1LFA	14"	14.00	15.00	18.75	20.98	1.38	1.14	20	65.16	966	16278	
6GA11KB1LFA	16"	16.00	16.00	21.25	23.50	1.44	1.14	22	71.85	1135	21564	
6GA11MB1LFA	18"	18.00	17.00	22.75	25.00	1.56	1.26	24	79.53	1753	28716	
6GA11NB1LFA	20"	20.00	18.00	25.00	27.52	1.69	1.26	25	90.16	2238	35762	
6GA11PB1LFA	24"	24.00	20.00	29.50	32.01	1.88	1.38	30	132.28	3197	52166	

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.