

611F-LFA

Class 125, Outside Screw & Yoke, Gate Valve

LEAD FREE

SUBMITTAL SHEET

"Apollo" Flow Controls



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

PART NUMBER MATRIX

SIZE (IN.)	PART NUMBER
2"	6GA118B1LFA
2-1/2"	6GA119B1LFA
3"	6GA110B1LFA
4"	6GA11AB1LFA
5"	6GA11BB1LFA
6"	6GA11CB1LFA
8"	6GA11EB1LFA
10"	6GA11GB1LFA
12"	6GA11HB1LFA
14"	6GA11JB1LFA
16"	6GA11KB1LFA
18"	6GA11MB1LFA
20"	6GA11NB1LFA
24"	6GA11PB1LFA

**LFA models replace LF models

STANDARD MATERIALS LIST

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

*LEAD FREE: The wetted surfaces of this product shall contain no more than 0.25% lead by weighted average. Complies with Federal Public Law III-380. ANSI 3rd party approved and listed.

Customer Service (704) 841-6000
www.apolloflowcontrols.com

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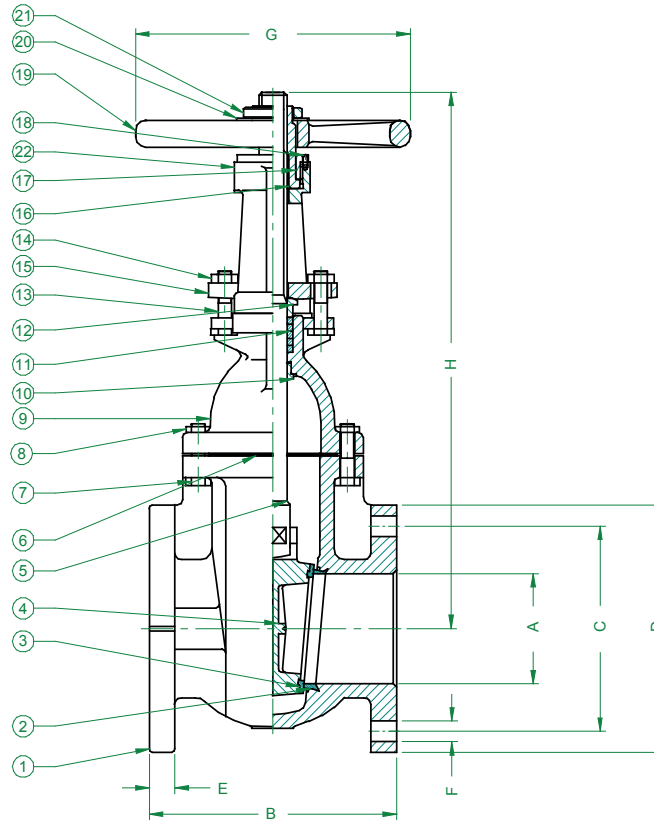
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DIMENSIONS

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

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