

611F-LF

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-LF Flanged Cast Iron Gate Valve provides full flow capabilities. The Model 611F-LF Gate valve can reliably be installed in plumbing and heating systems (or building service piping). Valves are MSS SP-70 compliant and include NSF/ANSI 372 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

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/ANSI 61 Water Quality

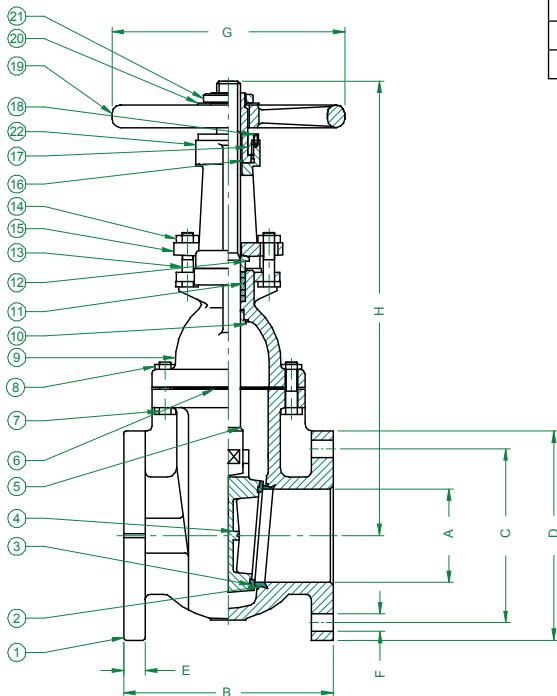
PERFORMANCE RATING

- Cold Working Pressure:
200 psi (13.8 Bar) at 100° F (2"-12")
150 psi (10.3 Bar) at 100° F (14"-24")
- Temperature Range:
-20° F - 180° F Max

Not For Steam Use

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)			
6GA-118-B1-LF	2"	2.00	7.00	4.75	6.00	0.62	0.75	7	14.96	38	328	
6GA-119-B1-LF	2.5"	2.50	7.50	5.50	7.00	0.69	0.75	7	16.93	51	482	
6GA-110-B1-LF	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	
6GA-11B-B1-LF	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	
6GA-11H-B1-LF	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

NOTE: Flat face mating flanges and full face gaskets must be installed to avoid damage to the cast iron body.

*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.