"Apollo" Valves submittal sheet

721F-LFA

class 250, outside screw & yoke, globe valve

lead free



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

description

The **Apollo International™ model 721F-LFA** flanged cast iron globe valve provides efficient throttling capabilities. The Model 721F-LFA globe valve can be reliably installed in plumbing and heating systems (or building service piping). Valves are MSS SP-85 compliant and include NSF lead free certifications.

features

- compatible with ANSI 250# & 300# flanges
- full port
- bronze mounted seat rings
- positive shut-off
- throttling capabilities
- 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

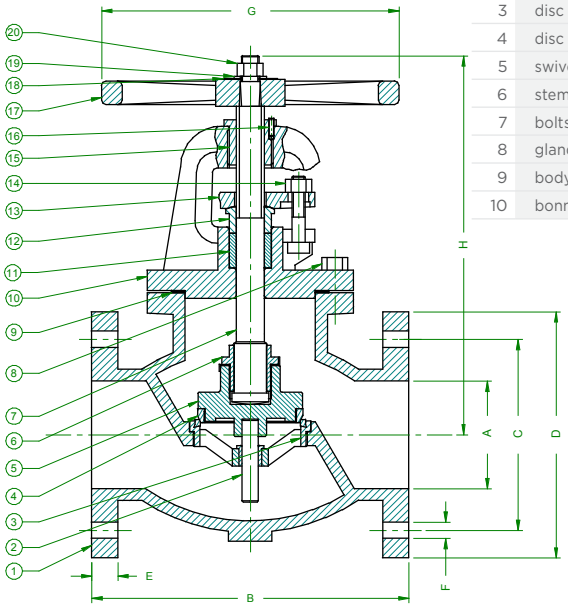
- MSS SP-85 - gray iron globe & angle valves flanged and threaded - type 1
- ASME B16.10 - face-to-face and end-to-end dimensions of valves

approvals

- NSF/ANSI/CAN 372 lead free
- NSF/ANSI/CAN 61 water quality
- CSA B51-CRN certified 0C12102.8

performance rating

- cold working pressure: 500 psi (34.5 bar) at 100°F (37.78°C)
- saturated steam: 250 psi (17.2 bar) at 406°F (207°C)
- temperature range: -20°f to 406°F max



standard material list

no.	component	material	no.	component	material
1	body	cast iron (ASTM A 126 CL B)	11	packing	graphite
2	seat ring	cast bronze B148 C95400	12	packing gland	cast brass ASTM B584
3	disc seal ring	cast bronze B148 C95400	13	gland follower	ductile iron (ASTM A536 65-45-12)
4	disc	cast bronze B148 C95400	14	gland follower nuts	stainless steel A276/304
5	swivel nut	cast brass B148 C95400	15	yoke bushing	cast bronze ASTM B62
6	stem	cast bronze B148 C95400	16	screw	steel (ASTM A307 B)
7	bolts	stainless steel A276/304	17	handwheel	cast iron (ASTM A 126 CL B)
8	gland follower bolts	stainless steel A276/304	18	nameplate	aluminum
9	body gasket	graphite	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

				dimensions							
part no.	size	weight	Cv(typ)	a	b	c	d	e	f	g	h (open)
6GB218B1LFA	2"	40.8 lbs	52	2.00"	10.50"	5.00"	6.50"	0.88"	0.75"	7.00"	14.17"
6GB219B1LFA	2.5"	52.9 lbs	76	2.50"	11.50"	5.88"	7.50"	1.00"	0.88"	7.00"	15.75"
6GB210B1LFA	3"	70.5 lbs	116	3.00"	12.50"	6.62"	8.25"	1.12"	0.88"	8.00"	16.93"
6GB21AB1LFA	4"	99.2 lbs	204	4.00"	14.00"	7.88"	10.00"	1.25"	0.88"	10.00"	18.90"
6GB21CB1LFA	6"	202.8 lbs	488	6.00"	17.50"	10.62"	12.50"	1.44"	0.88"	12.00"	23.62"
6GB21EB1LFA	8"	332.9 lbs	874	8.00"	21.00"	13.00"	15.00"	1.62"	1.00"	14.00"	27.56"

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.

customer service **704.841.6000**
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