



# Lead Free\* 70LF-100 Series Bronze Ball Valve - NPT

Job Name:	Contractor:
Job Location:	P.O. Number:
Engineer:	Representative:
Tag:	Wholesale Distributor:

## DESCRIPTION

The Apollo® 70LF Series has the same rugged features as the industry standard 70 Series valves with the added advantage of **Lead Free\*** materials. The 70LF is ideal for plumbing and heating systems, including potable water. Trusted Apollo® performance with a wide range of popular options.

## FEATURES

- **Lead Free\*** Brass & Bronze Materials
- ANSI/NSF 61 Section 8 2008 180°F
- Easily Identifiable Blue "Lead Free" Hang Tag
- RPTFE Seats and Stuffing Box Ring
- Designed, Manufactured, and 100% Factory Tested in the USA

## PERFORMANCE RATING

- CWP: 600 psi (41.37 Bar) at 100°F
- SWP: 150 psi (10.34 Bar) at 366°F
- Maximum Temperature: 450°F
- Vacuum Service to 29 in. Hg

## MODELS

- ☐ 70LF-100 Series Standard
- ☐ 70LF-140 Series 316 SS Ball & Stem

## STANDARD MATERIALS LIST

Part Name	Material
Lever and Grip	Steel, Zinc Plated w/ Vinyl Grip
Stem Packing	RPTFE
Stem Bearing	RPTFE
Ball	C27451 <b>Lead Free*</b> Brass, Cr Plated
Seat (2)	RPTFE
Retainer	C27451 <b>Lead Free*</b> Brass (1/4" to 1") C89836 <b>Lead Free*</b> Bronze (1-1/4" to 4")
Gland Nut	B16 Brass
Stem	C27451 <b>Lead Free*</b> Brass
Lever Nut	Steel, Zinc Plated
Body	C89836 <b>Lead Free*</b> Bronze

## APPROVALS

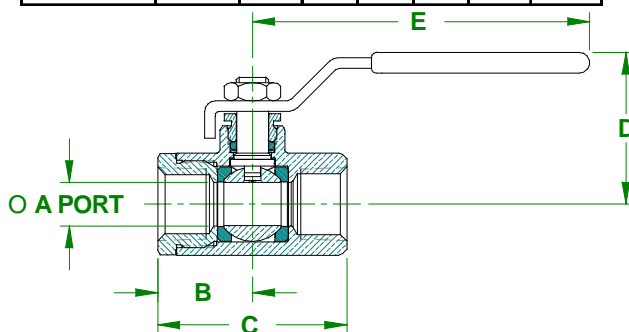
- MSS SP-110; Ball Valves Threaded, Socket-Welding, Solder Joint, Grooved and Flared Ends
- ANSI/NSF 61-8, Annex G
- NSF 372 **Lead Free\*** ANSI 3<sup>RD</sup> Party Certified
- CRN: OC10908.5C

\* **LEAD FREE:** The wetted surfaces of this product shall contain no more than 0.25% lead by weighted average. Complies with CA AB1953, VT Act 193, MD HB372, LA HB471 and Federal Public Law 111-380. ANSI 3<sup>rd</sup> party approved and listed



## DIMENSIONS

Part #	Size (in.)	Dimensions					Wt. (lb.)
		A	B	C	D	E	
70LF10101	1/4"	0.37	1.03	2.06	1.75	3.87	0.60
70LF10201	3/8"	0.37	1.03	2.06	1.75	3.87	0.56
70LF10301	1/2"	0.50	1.12	2.25	1.75	3.87	0.63
70LF10401	3/4"	0.68	1.50	3.00	2.12	4.87	1.39
70LF10501	1"	0.87	1.68	3.37	2.25	4.87	1.72
70LF10601	1-1/4"	1.00	2.00	4.00	2.62	5.50	3.26
70LF10701	1-1/2"	1.25	2.18	4.37	3.06	8.00	4.61
70LF10801	2"	1.50	2.34	4.68	3.25	8.00	6.06
70LF10901	2-1/2"	2.00	3.12	6.25	3.72	8.00	13.96
70LF10001	3"	2.50	3.37	6.75	4.12	8.00	18.60
70LF10A01	4"	3.12	3.68	7.37	5.25	10.00	25.50



## OPTIONS

- ☐ (-04) 2 1/4" CS Stem Extension 1/4" - 3"
- ☐ (-07) Steel Tee Handle 1/4" - 2"
- ☐ (-10) SS Lever & Nut 1/4" - 3"
- ☐ (-11) Thermo-Seal™ Insulating Tee Handle 1/4" - 2"
- ☐ (-27) SS Latch-Lock Lever & Nut 1/2" - 4"
- ☐ (-32) SS Tee Handle & Nut 1/2" - 2"
- ☐ (-47) SS Oval Latch-Lock Handle & Nut 1/2" - 1"
- ☐ (-92) Balancing Stop 1/4" - 3"
- ☐ (-94) -04 option & Balancing Stop 3/8" - 3"

NOTE: Sizes 1/4", 3/8", and 1/2" are Full Port Design.

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