

"Apollo"[®] INTERNATIONAL

SUBMITTAL SHEET

LEAD FREE

94ALF-A Series

Full Port Brass Ball Valve



DESCRIPTION

The Apollo[®] International 94ALF-A Lead Free* forged brass ball valves combine reliable operation with maximum economy. Now with multi-agency approvals, the 94ALF-A is ideal for gas, fuels, fire protection and general plumbing and HVAC applications including potable water. Valves are ANSI 3rd party Lead Free* certified.



FEATURES

- Lead Free* materials and certification
- Distinctive white "Lead Free" handle grip and blue "Lead Free" hang tag
- 2-Piece, Full-Port design
- Blow-out Proof Stem
- Adjustable Stem Packing Nut
- Multiple agency approvals

PERFORMANCE RATING

- Valve Design Rating:
600 CWP – 1/4" to 2"
400 CWP – 2-1/2" to 4"
- Temperature Range: -20°F to 366°F

APPROVALS

- MSS SP-110 – Ball Valves...
- ANSI/NSF 61-8, Annex F & G
- ANSI/NSF 372 Lead Free
- IAPMO IGC 157 (cUPC)
- ANSI Z21.15 (1/2 psi) (CSA 9.1) (1/4" – 2")
- ASME B16.44 (5 psi) (CR91-002) (1/4" – 2")
- ASME B16.33 (125 psi) (CGA 3.16) (1/4" – 2")
- UL Guides MHKZ, YQNZ, YRBX, YRPV (1/4" – 2")
- UL Guide YSDT (1/2" – 2")
- UL 258 – VQGU Trim & Drain 175# max (1/4" – 2")
- FM 1140 (1/4" – 2" NPT & Solder)

Note: Gas approvals apply to NPT valves only

STANDARD MATERIALS LIST

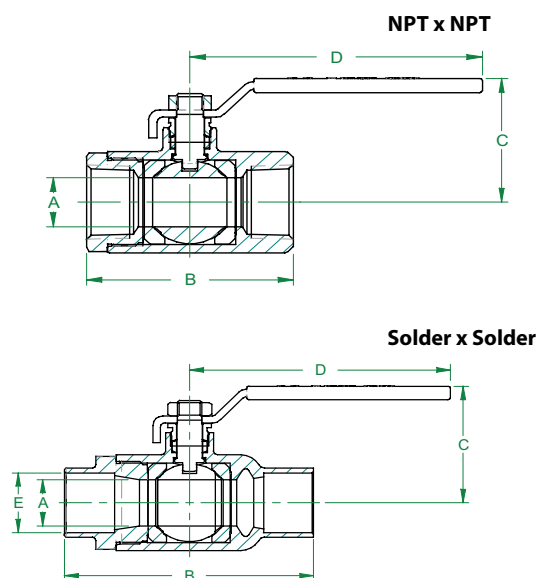
Part Name	Material
Body	Lead Free Brass (DZR)
Retainer	Lead Free Brass (DZR)
Ball 1/4" - 1"	Lead Free Brass (DZR), Chr. Plated
Ball 1-1/4" - 4"	SS Type 316
Stem	Brass C36000
Seats	PTFE
Stem Packing	PTFE
Gland Nut	Brass, C37700
Seal	PTFE
Handle	Steel, plated (with PVC grip)
Handle Nut	Steel, plated

DIMENSIONS

Part Number	Size (in.)	Dimensions (in.)					Wt. (lbs.)	Options
		A	B	C	D	E		2-1/4" Stem Extension Kit
NPT								
94ALF10101A	1/4"	0.39	1.76	1.73	3.54	-	0.29	78217101
94ALF10201A	3/8"	0.39	1.76	1.73	3.54	-	0.30	
94ALF10301A	1/2"	0.59	2.05	1.94	3.54	-	0.44	78217201
94ALF10401A	3/4"	0.75	2.36	2.11	3.78	-	0.71	78217301
94ALF10501A	1"	0.95	2.76	2.58	4.53	-	1.10	78217401
94ALF10601A	1-1/4"	1.26	3.31	2.96	4.53	-	1.63	78217501
94ALF10701A	1-1/2"	1.58	3.66	3.37	5.51	-	2.41	78217601
94ALF10801A	2"	1.97	4.18	3.70	5.51	-	3.66	
94ALF10901A	2-1/2"	2.52	5.38	4.76	8.66	-	7.60	78217701
94ALF10001A	3"	2.95	6.04	5.08	8.66	-	9.60	
94ALF10A01A	4"	3.90	7.39	5.86	9.61	-	21.00	78217801
SOLDER								
94ALF20301A	1/2"	0.59	2.05	1.84	3.54	0.63	0.40	78217201
94ALF20401A	3/4"	0.75	2.75	2.00	3.78	0.88	0.68	78217301
94ALF20501A	1"	0.95	3.23	2.45	4.53	1.13	1.15	78217401
94ALF20601A	1-1/4"	1.26	3.82	2.86	4.53	1.38	1.53	78217501
94ALF20701A	1-1/2"	1.57	4.43	3.17	5.51	1.63	2.31	78217601
94ALF20801A	2"	1.96	5.38	3.49	5.51	2.13	3.77	
94ALF20901A	2-1/2"	2.52	6.28	4.76	8.66	2.63	6.79	78217701
94ALF20001A	3"	2.92	7.15	5.08	8.66	3.13	8.67	
94ALF20A01A	4"	3.90	9.28	5.87	9.61	4.13	16.67	78217801

* 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 3rd party approved and listed.

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