



Lead Free*

82LF100 SERIES

3-Piece Full Port Threaded Bronze Ball Valve

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

DESCRIPTION

The Apollo® 82LF100 Series offers the same rugged features as the standard 82 Series with the added advantage of **Lead Free*** materials. Designed to provide long service life and ease of in-line maintenance. SAE grade body bolts are standard. These valves are cast and machined in Apollo's South Carolina manufacturing plants.

FEATURES

- **Lead Free*** Brass & Bronze Materials
- NSF/ANSI 61-G and NSF 372
- Easily Identifiable Blue "Lead Free" Hang Tag
- Premium RPTFE Seats and MPTFE Seals
- Full Port Ball Configuration in all sizes
- **Made in USA, ARRA Compliant**

PERFORMANCE RATING

- Maximum Pressure: 600 psi CWP, 150 psi SWP
- Maximum Temperature: 500°F
- Vacuum Service to 29 in. Hg

MODELS

- ☐ 82LF100 Series Standard materials and lever
- ☐ 82LF140 Series 316 SS Vented Ball & Stem

STANDARD MATERIALS LIST

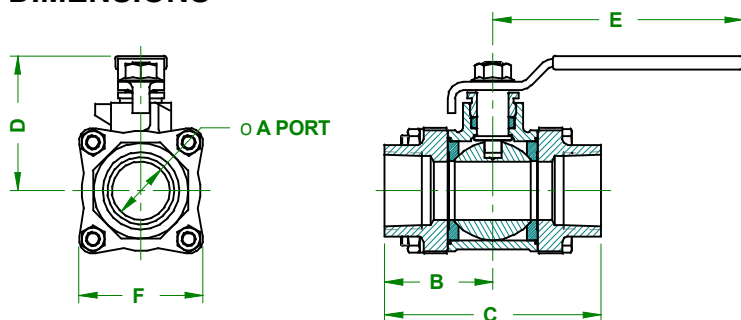
Part Name	Material
Lever and Grip	Steel, Zinc Plated w/ Vinyl Grip
Stem Packing	MPTFE
Stem Bearing	RPTFE
Ball	C27451 Lead Free* Brass, Chrm Plt
Seat (2)	RPTFE
End Cap (2)	C27451 Lead Free* Brass (1/4" to 3/8") C89836 Lead Free* Bronze (1/2" to 2 1/2")
Gland Nut	ASTM B16 (Brass)
Stem	C27451 Lead Free* Brass
Lever Nut	Steel, Zinc Plated
Body Bolt	Steel, Zinc Plated
Hex Nut	Steel, Zinc Plated
Body	ASTM B584-C89836 (Bronze)

APPROVALS

- MSS SP-110; Ball Valves, Threaded, Socket-Welding, Solder Joint
- CSA B51 CRN: 0C10908.5C
- NSF/ANSI 61-8, Annex G; NSF/ANSI 372
- ANSI 3RD Party Approval to 0.25% Lead Max



DIMENSIONS



PART #	Size (in.)	Dimensions						Wt. (Lbs.)
		A	B	C	D	E	F	
82LF10101	1/4"	0.43	1.28	2.56	1.81	3.87	1.60	1.0
82LF10201	3/8"	0.50	1.28	2.56	1.81	3.87	1.60	1.0
82LF10301	1/2"	0.62	1.40	2.81	1.93	4.87	1.78	1.6
82LF10401	3/4"	0.81	1.71	3.43	2.18	4.87	1.98	2.3
82LF10501	1"	1.00	1.93	3.87	2.62	5.50	2.22	3.3
8FLF10601	1-1/4"	1.25	2.37	4.75	2.87	5.50	2.70	5.6
82LF10701	1-1/2"	1.50	2.62	5.25	3.37	8.00	3.03	8.1
82LF10801	2"	2.00	3.01	6.03	3.68	8.00	3.87	14.4
82LF10901	2-1/2"	2.50	3.62	7.25	5.14	9.75	5.05	26.6

* **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.

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This specification is provided for reference only. Conbraco reserves the right to change any portion of this specification without notice and without incurring obligation to make such changes to Conbraco products previously or subsequently sold.



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OPTIONS & SIZES*

<input type="checkbox"/> (-01) Lever Handle (Standard)	1/4" - 2 1/2"
<input type="checkbox"/> (-02) Stem Grounded	1/4" - 2 1/2"
<input type="checkbox"/> (-04) 2 1/4" CS Stem Extension	1/4" - 2"
<input type="checkbox"/> (-07) Steel Tee Handle	1/4" - 2"
<input type="checkbox"/> (-08) 90° Reversed Stem	1/4" - 2 1/2"
<input type="checkbox"/> (-10) SS Lever & Nut	1/4" - 2 1/2"
<input type="checkbox"/> (-11) Therma-Seal® 2 1/4" Tee Handle	1/4" - 2"
<input type="checkbox"/> (-14) Side Vented Ball (Uni-Directional)	1/4" - 2 1/2"
<input type="checkbox"/> (-15) Wheel Handle, Steel	1/4" - 2"
<input type="checkbox"/> (-16) Chain Lever-Vertical	1/2" - 2"
<input type="checkbox"/> (-18) Plain Yellow Grip	1/4" - 2"
<input type="checkbox"/> (-19) Lock Plate*	1/4" - 2 1/2"
<input type="checkbox"/> (-20) Slot Vented Ball*	1/4" - 2 1/2"
<input type="checkbox"/> (-27) SS Latch-Lock Lever & Nut	1/2" - 2"
<input type="checkbox"/> (-30) Cam-Lock & Grounded	1/4" - 1 1/4"
<input type="checkbox"/> (-32) SS Tee Handle & Nut	1/4" - 2"
<input type="checkbox"/> (-39) SS Hi-Rise Locking Wheel Handle & Nut	1/4" - 1 1/4"
<input type="checkbox"/> (-40) Cyl-Loc & Grounded	1/4" - 1/2"
<input type="checkbox"/> (-45) Less Lever & Nut	1/4" - 2 1/2"
<input type="checkbox"/> (-46) Latch Lock Lever-Lock Closed Position Only	1/2" - 2"
<input type="checkbox"/> (-47) SS Oval Latch-Lock Handle & Nut	1/4" - 3/4"
<input type="checkbox"/> (-48) SS Oval Handle (No Latch) & Nut	1/4" - 2"
<input type="checkbox"/> (-49) Assembled Dry	1/4" - 2 1/2"
<input type="checkbox"/> (-50) 2-1/4" CS Locking Stem Extension	1/4" - 2"
<input type="checkbox"/> (-57) Oxygen Cleaned	1/4" - 2 1/2"
<input type="checkbox"/> (-58) Chain Lever-Horizontal	3/4" - 2"
<input type="checkbox"/> (-59) SS External Trim	3/4" - 2 1/2"
<input type="checkbox"/> (-60) Static Grounded Ball & Stem	1/4" - 2 1/2"
<input type="checkbox"/> (-62) Body center section only	1/4" - 2 1/2"
<input type="checkbox"/> (-63) NPT x Solder	1/2" - 2 1/2"
<input type="checkbox"/> (-92) Balancing Stop	1/4" - 2"
<input type="checkbox"/> (-94) -04 Option & Balancing Stop	1/4" - 2"
<input type="checkbox"/> (-P01) BSPP (Parallel) Thread Connection	1/4" - 2 1/2"
<input type="checkbox"/> (-T01) BSPT (Tapered) Thread Connection	1/4" - 2 1/2"

* Note: some options for lead free valves may be subject to availability and minimum order requirements. Please consult the factory for details.