

# 'Apollo' Valves

## SUBMITTAL SHEET

### LEAD FREE

## 77WLF Series

APOLLOXPRESS® Press End **Bronze Ball Valve**



<b>Job Name:</b>	
<b>Job Location:</b>	
<b>Engineer:</b>	
<b>Contractor:</b>	
<b>Tag:</b>	
<b>PO Number:</b>	
<b>Representative:</b>	
<b>Wholesale Distributor:</b>	



### DESCRIPTION

The Lead Free\* APOLLOXPRESS® 77WLF ball valve is designed for direct mechanical connection to ASTM B88-Type K, L, and M copper tubing in the hard drawn condition for sizes 1/2"-2". The 77WLF is ideal for installation in potable water systems requiring NSF 61 or Lead Free\* approval. Now with Leak Before Press® feature and 250 psig maximum working pressure.

### FEATURES

- Lead Free\* Brass & Bronze Materials
- Easily Identifiable Blue Lead Free Hang Tag
- Full-Port Flow
- Adjustable Stem Packing
- Fast, Reliable, Economical Press Installation
- Leak Before Press™ Technology
- Corrosion Resistant Materials
- 100% Factory Tested
- Ridgid® XL Press Tool Compatible
- **Made in USA**, ARRA Compliant

### PERFORMANCE RATING

- Maximum Operating Pressure 250 psi
- Temperature Range: 0°F - 250°F

### APPROVALS

- MSS SP-110 Ball Valves
- NSF/ANSI 61-8 2010, Annex F & G Lead Free\*
- ANSI 3rd Party Approval to AB 1953 0.25% Lead Max.

### OPTIONS

- (-04) 2 1/4" Stem Extension
- (-07) Tee-Handle
- (-10) Stainless Steel Handle and Nut
- (-11) Thermo-Seal™ Insulating Tee Handle
- (-92) Standard Lever with Balancing Stop
- (-94) 2 1/4" Stem Extension and Balancing Stop
- (77WLF-140 SERIES) S.S. Ball and Stem

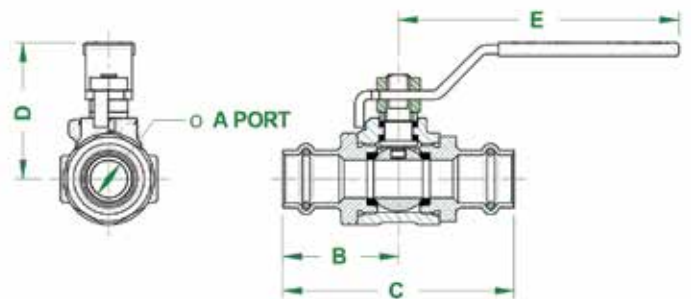
\*\* Consult factory for availability of LF Model options

### STANDARD MATERIALS LIST

Part Name	Material
Body	ASTM B584 C89836
Seat	Multi-Fill PTFE
Ball	UNS C27451 Brass, Chr. Plated
Stem Packing	Multi-Fill PTFE
Nut	Zinc Plated Steel
Stem	UNS C27451 Brass
Retainer	UNS C27451 Brass
Handle	Plated Steel / Insulated Polyvinyl
Gland	Brass, ASTM B16, C36000
O-Ring	EPDM

### DIMENSIONS

Model Number	Size (in.)	Dimensions (in.)					Wt. (lbs.)
		A	B	C	D	E	
77WLF-103-01	1/2"	0.50	1.54	3.08	1.50	3.74	0.61
77WLF-104-01	3/4"	0.75	1.78	3.55	2.01	4.78	1.09
77WLF-105-01	1"	1.00	2.12	4.24	2.20	4.78	1.77
77WLF-106-01	1-1/4"	1.25	2.61	5.22	3.13	7.04	4.27
77WLF-107-01	1-1/2"	1.50	2.96	5.92	3.10	7.04	4.63
77WLF-108-01	2"	2.00	3.74	7.47	3.48	7.04	8.21



\* 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.

Apollo Valves, Manufactured by **Conbraco Industries, Inc.**  
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