



Valves

submittal sheet

# 77WLF-A series

press end bronze ball valve

lead free



"Apollo" Press



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

## description

The lead free\* Apollo Press® 77WLF-A Ball Valve is ideal for installation in most plumbing and heating systems including potable water. Now with Leak Before Press® feature and 300 psig maximum working pressure. Proudly made in the USA.

## features

- lead free\* brass & bronze materials
- full-port flow
- adjustable stem packing
- fast, reliable, economical press installation
- Leak Before Press® Technology
- corrosion resistant materials
- 100% factory tested
- made in USA, ARRA compliant

## performance rating†

- maximum operating pressure: 300 psi
- temperature range: 0°F - 250°F

\*Apollo Press® connectors are designed for direct mechanical connection to ASTM B88-Type K, L, and M copper tubing in the hard drawn condition. Press connectors are not suitable for steam or flammable gas service.

## approvals

- MSS SP-110 ball valves
- IAPMO/ANSI Z1157 ball valves
- IAPMO PS-117 press connections
- NSF/ANSI/CAN 61 water quality
- NSF/ANSI/CAN 372 lead free
- EU directive 2015/863 (RoHS 3) compliant
- EU regulation (EC) 1907/2006 (REACH) compliant

## options

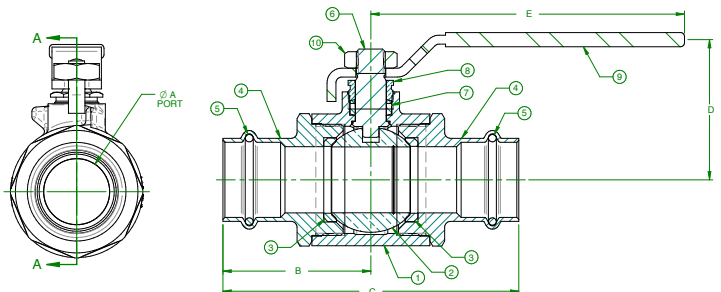
- (-04) 2-1/4" stem extension
- (-07) tee-handle
- (-10) stainless steel handle and nut
- (-11) Therma-Seal™ insulating tee handle
- **(-27) locking handle NEW!**
- (-50) 2-1/4" locking stem extension
- (-92) standard lever with balancing stop
- (-94) 2-1/4" stem ext. and balancing stop
- (-HC) press x 3/4" hose w/ cap & chain (1/2" & 3/4")
- (77WLF-140-A Series) SS vented ball and stem

## standard materials list

body	ASTM B584 C89836 LF bronze
retainer	C27451 DZR brass
ball	C27451 DZR brass, chr. plated
stem	C27451 DZR brass
gland nut	brass, ASTM B16, C36000
seats	RPTFE
stem packing	RPTFE
handle	plated steel / insulated polyvinyl
stem nut	zinc plated steel
sealing element	EPDM

## dimensions

part number	size (in.)	dimensions (in.)					wt. (lb.)
		A	B	C	D	E	
77WLF-103-01A	1/2"	0.50	1.50	3.01	1.71	3.86	0.62
77WLF-104-01A	3/4"	0.75	1.90	3.80	1.91	3.86	1.20
77WLF-105-01A	1"	1.00	2.25	4.50	2.13	4.76	2.04
77WLF-106-01A	1-1/4"	1.25	2.40	4.80	2.46	4.76	2.83
77WLF-107-01A	1-1/2"	1.50	2.86	5.72	2.90	5.41	4.54
77WLF-108-01A	2"	2.00	3.40	6.8	3.68	7.76	7.54



\*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.