

"Apollo" Valves

SUBMITTAL SHEET

LEAD FREE

77VLF-140 Series

APOLLOXPRESS® Ball Valve w/SS Ball & Stem



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO Number:	
Representative:	
Wholesale Distributor:	



DESCRIPTION

The APOLLOXPRESS™ 77VLF140 Series Lead Free* two-piece press ball valve is ideal for installation in most plumbing and heating systems, including potable water. Now with Leak Before Press™ feature and 250 psig maximum working pressure. Proudly Made in the USA.

FEATURES

- Lead Free*, ANSI 3rd Party Certified and Listed
- Full-Port Flow
- Superior RPTFE Seats and Packing
- Adjustable Stem Packing
- Ridgid® XL Press Tool Compatible
- Leak Before Press™ Technology
- Blow-Out Proof Stem
- Corrosion Resistant Materials
- Stainless Steel Ball & Stem
- Silicone Free Assembly
- 100% Factory Tested
- Made in USA, ARRA Compliant

PERFORMANCE RATING

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

APPROVED APPLICATIONS

- Water including Potable Water
- Hydronic Heating (90% glycol max)
- Low Pressure Steam, 15 psi max
- Not suitable for flammable gas service
- Designed for direct mechanical connection to ASTM B88-Type K, L, and M copper tubing in the hard drawn condition.
- Not compatible with soft annealed copper tubing.

STANDARD MATERIALS LIST

Part Name	Material
Body	Lead Free Brass, C27451
Seat	RPTFE
Ball	Stainless Steel, ASTM A276 Type 316
Stem Packing	RPTFE
Nut	Corrosion Resistant Plated Steel
Stem	Stainless Steel, ASTM A276 Type 316
Retainer	Lead Free Brass, C27451
Handle	Plated Steel / Insulated Polyvinyl
Gland	Brass, ASTM B16, C36000
O-Ring Seals	EPDM

APPROVALS

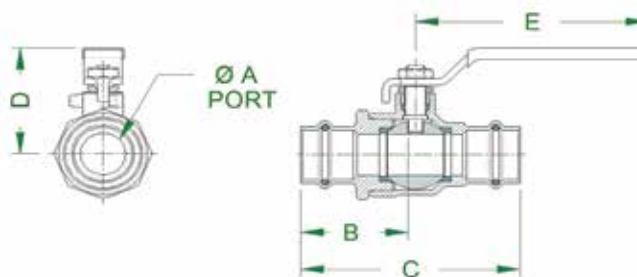
- MSS SP-110 Ball Valves
- NSF/ANSI 61 Section 8, Annex G
- NSF/ANSI 372 Lead Free
- IAPMO IGC-157 Ball Valves
- Directive 2011/65/CE (RoHS)

OPTIONS

- (-01) Standard Lever Handle
- (-04) 2 1/4" Stem Extension
- (-07) Tee Handle
- (-11) Therma-Seal™ Insulating Tee Handle
- (-27) Locking Handle SS

DIMENSIONS

Part Number	Size (in.)	Dimensions (in.)					Wt. (lbs.)
		A	B	C	D	E	
77VLF-143-01	1/2"	0.50	1.57	2.89	1.66	2.85	0.4
77VLF-144-01	3/4"	0.75	1.90	3.63	1.91	3.86	0.9
77VLF-145-01	1"	1.00	2.20	3.88	2.11	3.86	1.2
77VLF-146-01	1-1/4"	1.25	2.23	4.22	2.44	4.75	2.3
77VLF-147-01	1-1/2"	1.50	2.84	5.45	2.91	5.42	3.4
77VLF-148-01	2"	2.00	3.40	6.57	3.69	7.77	6.0



* 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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