

'Apollo' Valves

SUBMITTAL SHEET

77V-140 Series

APOLLOXPRESS® Ball Valve w/SS Ball & Stem



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



DESCRIPTION

The APOLLOXPRESS® 77V140 Series two-piece press ball valve with stainless steel ball and stem is ideal for installation in most plumbing and heating systems. Features Leak Before Press® technology and 250 psig maximum working pressure. Proudly Made in the USA.

FEATURES

- 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

APPROVALS

- MSS SP-110 Ball Valves
- NSF/ANSI 61 Section 8
- IAPMO IGC-157 Ball Valves
- Directive 2011/65/CE (RoHS)

APPROVED APPLICATIONS

- Water, chilled and hot: 33° - 250°F
- 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.

OPTIONS

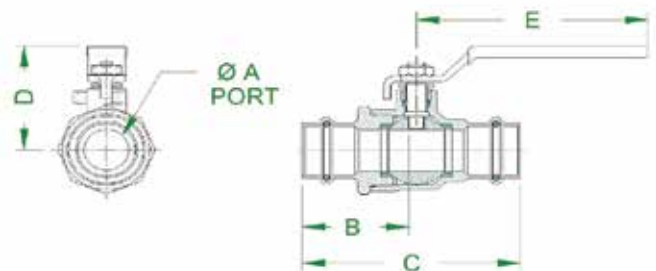
- (-01) Standard Lever Handle
- (-04) 2 1/4" Stem Extension
- (-07) Tee Handle
- (-11) Therma-Seal™ Insulating Tee Handle
- (-27) Locking Handle SS
- 77VLF – Lead Free, 0.25% Pb max.

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

DIMENSIONS

Model Number	Size (in.)	Dimensions (in.)					Wt. (lbs.)
		A	B	C	D	E	
77V-143-01	1/2"	0.50	1.57	2.89	1.66	2.85	0.4
77V-144-01	3/4"	0.75	1.90	3.63	1.91	3.86	0.9
77V-145-01	1"	1.00	2.39	4.07	2.11	3.86	1.2
77V-146-01	1-1/4"	1.25	2.40	4.39	2.44	4.75	2.3
77V-147-01	1-1/2"	1.50	2.84	5.45	2.91	5.42	3.4
77V-148-01	2"	2.00	3.40	6.57	3.69	7.77	6.0



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