



APOLLOXPRESS™

77W-HC SERIES

BALL VALVE W/ PRESS X HOSE CONNECTION

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

DESCRIPTION

The APOLLOXPRESS™ 77W-HC Press x Hose 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"- 3/4". Valves feature a 3/4" hose connection with heavy brass cap to protect the threads. The 77W-HC is ideal for most plumbing and heating systems, including potable water. Now with Leak Before Press™ feature and 250 psig maximum working pressure.

FEATURES

- Full-Port
- Ridgid® "XL" Press Tool Compatible
- Adjustable Stem Packing
- Fast, Reliable, Economical Press Installation
- Leak Before Press™ Technology
- Dezincification Resistant Bronze Body
- Heavy duty brass cap is full pressure rated
- 100% Factory Tested
- **Made in USA**, ARRA Compliant

PERFORMANCE RATING

- Maximum Operating Pressure 250 psi
- Maximum Temperature 250°F

MATERIAL SPECIFICATIONS

Part Name	Material
Body	ASTM B584 C89836 Bronze
Seat	Multi-Fill PTFE
Ball	ASTM B16 Brass, plated
Stem Packing	Multi-Fill PTFE
Nut	Corrosion Resistant Plated Steel
Stem	Brass, ASTM B16, UNS# C36000
Retainer	Brass, ASTM B16, UNS# C36000
Cap	Brass, ASTM B16, UNS# C36000
Handle	Plated Steel/Insulated Polyvinyl
Gland	Brass, ASTM B16, UNS# C36000
O-Ring	EPDM

APPROVED APPLICATIONS

- Water, including Potable Water
- Hydronic Heating (50% glycol max)
- Not suitable for steam or flammable gas service
- Not compatible with soft annealed copper tubing



OPTIONS

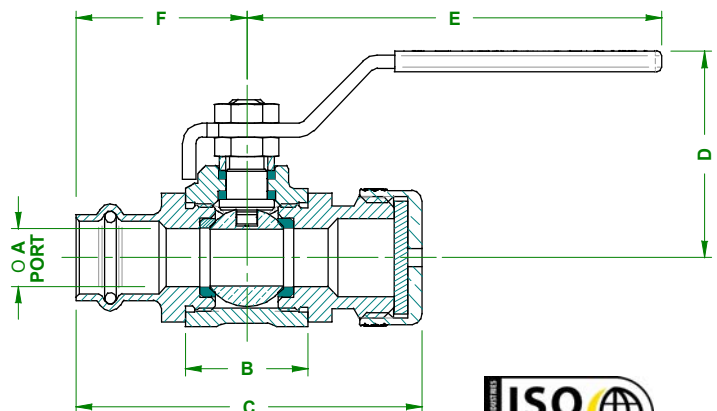
- ☐ (-04) 2 1/4" Stem Extension
- ☐ (-07) Tee-Handle
- ☐ (-10) Stainless Steel Handle and Nut
- ☐ (-11) Therma-Seal™ Insulating Tee Handle
- ☐ (-92) Balancing Stop
- ☐ (-94) 2 1/4" Stem Extension and Balancing Stop
- ☐ (77WLF-140-HC SERIES) S.S. Ball and Stem
- ☐ (77WLF-HC SERIES) Lead Free 0.25% Lead Max

APPROVALS

MSS SP-110 Ball Valves
 NSF/ANSI 61 Section 8
 Directive 2002/95/CE (RoHS) Compliant

DIMENSIONS (in)

PART #	SIZE	A	B	C	D	E	F	WT. (LBS.)
77W103HC	1/2"	0.50	1.54	3.12	1.80	3.74	1.54	0.61
77W104HC	3/4"	0.75	1.72	3.45	2.01	4.78	1.78	1.16



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