



submittal sheet

77V-LF series

press end forged ball valve | large diameter 2-1/2" - 4"

lead free



ApolloPress



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

description

the ApolloPress® 77VLF series lead free* ball valve is ideal for installation in most plumbing and heating systems including potable water. features leak before press® technology and 300 psig maximum working pressure. proudly made in the USA.

features

- lead free*, ANSI 3rd party certified and listed
- 2 piece, heavy pattern forged design
- full-port Fflow
- adjustable stem packing
- fast, reliable, economical press installation
- leak before press® technology
- blowout-proof stem
- now features 316SS vented ball and stem (standard)
- dezincification resistant materials
- silicone free assembly
- 100% factory tested
- **made in USA, ARRA compliant**

performance rating†

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

**ApolloPress® 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 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

approved applications

- water - chilled, hot and potable: 33° - 250°F
- hydronic heating (90% glycol max)
- low pressure steam, 15 psi max
- not suitable for flammable gas service
- not compatible with soft annealed copper tubing

options

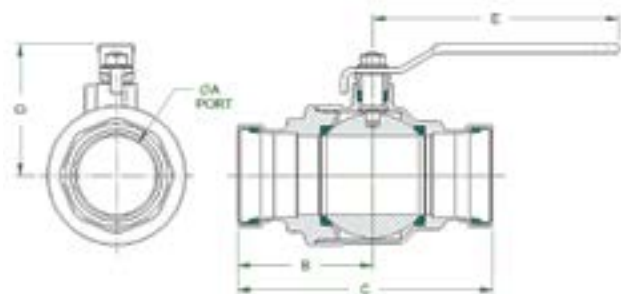
- (-01) standard lever handle 2-1/2" - 4"
- (-04) 2-1/4" stem extension 2-1/2"
- (-10) lever and nut 2-1/2"
- (-27) locking handle SS 2-1/2"
- 77V-LF - small diameter 1/2" - 2"

standard materials list

body	lead free DZR brass, C27451
retainer	lead free DZR brass, C27451
ball	316 SS
stem	316 SS
gland nut	brass, ASTM B16, C36000
seats	RPTFE
crimp ring	316 SS
spacer ring	nylon
stem packing	RPTFE
handle	plated steel / insulated polyvinyl
stem nut	corrosion resistant plated steel
sealing element	EPDM

dimensions

MODEL NUMBER	SIZE (IN.)	DIMENSIONS (IN.)					WT. (LB.)
		A	B	C	D	E	
77VLF-149-01	2-1/2"	2.50	4.26	8.04	4.13	7.77	12.0
77VLF-140-01	3"	3.00	5.10	9.45	5.03	9.92	19.5
77VLF-14A-01	4"	4.00	5.20	10.35	5.70	14.78	26.0



*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.