

## **cimPRESS™**

### **Full Port Ball Valve with PEX Connection**

Suitable for all plumbing and heating applications, including 50% glycol/water mixtures.

For use with hard drawn copper and/or stainless steel pipe using standard press tools. Manufactured in accordance with MSS-SP-110, PS117-2004, and EN ISO 9001 standards.

#### **Features:**

The CimPRESS 1223NL features press x PEX connections with a patented, Sure Connect O-Ring, 250 PSI pressure rating, and 250° F temperature rating. They are manufactured from DZR “CR” corrosion-resistant, no-lead brass.

- Compatible with Standard Press Tools
- Patented Sure Connect O-Ring
- CIMPRESS x PEX Connections
- Suitable for 50% Glycol/Water Mixtures
- Compact Design
- Water-Tight Seal
- Easy Installation
- Corrosion-Resistant

Size	Cim No.
½"	1223NL-04
¾"	1223NL-06
1"	1223NL-07

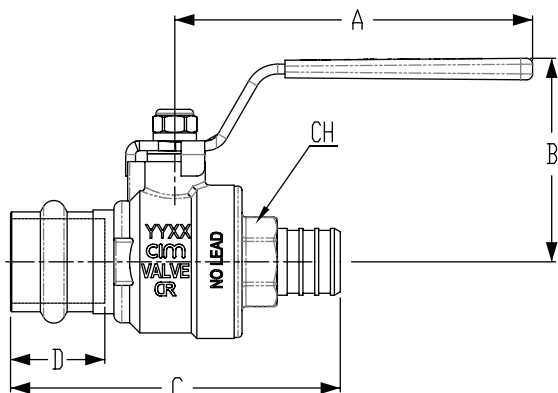
Based on NSF/ANSI 61-2008 Annex G in compliance with Section 116875 of the California Health & Safety Code.

All Cimberio valves qualify for the American Recovery and Reinvestment Act and the Buy American Act.

# cimPRESS™ Full Port Ball Valve

## cim 1223NL

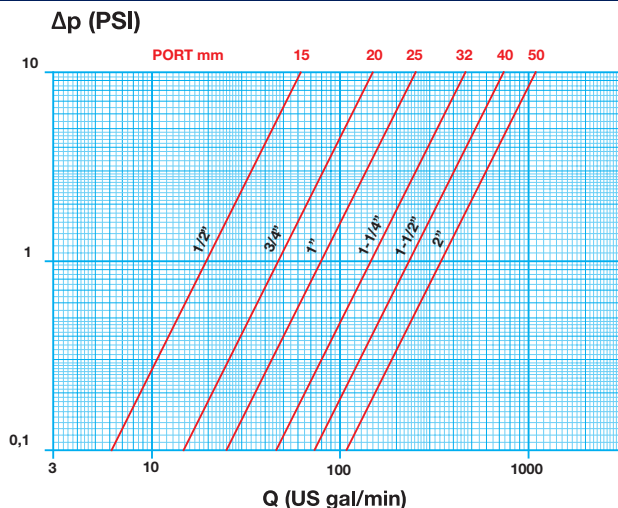
1223NL IS NOT INTENDED FOR USE WITH SOFT OR ROLLED COPPER PIPE



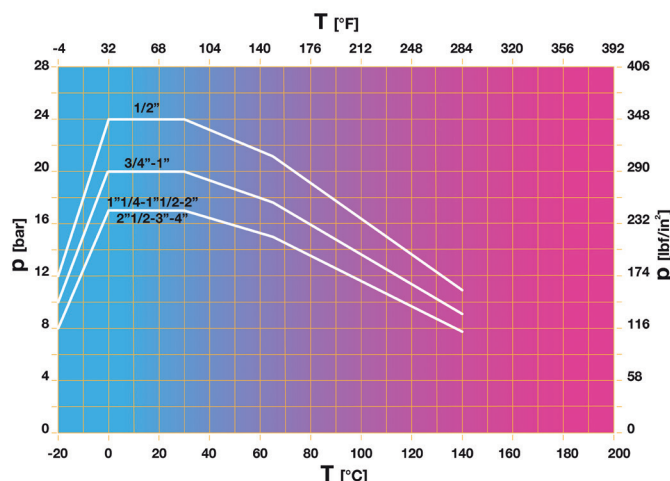
### DIMENSIONS

Size	1/2"	3/4"	1"
A	3 9/16" 90mm	3 9/16" 90mm	4 5/16" 110mm
B	1 1/8" 47mm	2 1/16" 52mm	2 1/4" 57mm
C	2 7/8" 73mm	3" 84mm	3 13/16" 97mm
D	7/8" 22mm	1" 25mm	1 1/16" 27mm
CH1	9/16" 15mm	13/16" 20mm	1" 25mm
Pounds	0.43	0.68	1.06
Grams	193	310	480

### FLOW AND PRESSURE DROP



### PRESSURE/TEMPERATURE RATINGS



### CV - CM - CS - MT

**CV:** Capacity in "US gal/min" at pressure drop of "1 PSI"

**CM:** Working Torque in "lb x in"

**CS:** Starting Torque in "lb x in"

**MT:** Torque Breaking Point on the Stem in "lb x in"

**Element:** Water - Temperature: 59.9° F

**Working Pressure:** 250 PSI

**Max. Operating Temp:** Working Limit for Fluids: -4° F - 248° F

**Test Pressure:** According to ISO 5208

Size	1/2"	3/4"	1"
CV	19.7	47.4	78.8
CM	27	44	53
CS	53	89	106
MT	177	213	230

Job Name: \_\_\_\_\_

Job #: \_\_\_\_\_

Contractor: \_\_\_\_\_

Engineer: \_\_\_\_\_

Tag: \_\_\_\_\_

Date: \_\_\_\_\_

Contractor #: \_\_\_\_\_

Specification #: \_\_\_\_\_