

# cimPRESS™

## Full Port Ball Valve

Suitable for all non-aggressive fluid applications including: residential, industrial, and agricultural.

For use with hard drawn copper and/or stainless steel pipe using NIBCO Press System tools; 2½" - 4" press tools, chains, and adapter jaws ONLY. Manufactured in accordance with MSS-SP-110, PS117-2004, and EN ISO 9001 standards.

### Features:

The CimPRESS 1220NLN features press x press connections with EPDM-ASTM D 2002 M2 o-rings that ensure a leak-proof, cold-crimped seal with added protection against corrosion, a 250 PSI pressure rating, and a 250° F temperature rating. They are manufactured from DZR "CR" corrosion-resistant, no-lead brass.

- Compatible with NIBCO Press System Tools ONLY
- EPDM-ASTM D 2002 M2 O-Rings
- Water-Tight Seal
- Easy Installation
- Corrosion-Resistant

Size	Cim No.
2½"	1220NLN-11
3"	1220NLN-12
4"	1220NLN-14

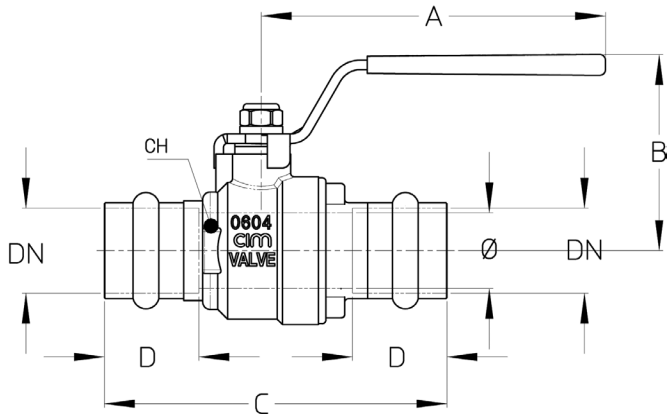
Based on NSF/ANSI 61-2008 Annex G in compliance with Section 116875 of the California Health & Safety Code.

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

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cim 1220NLN

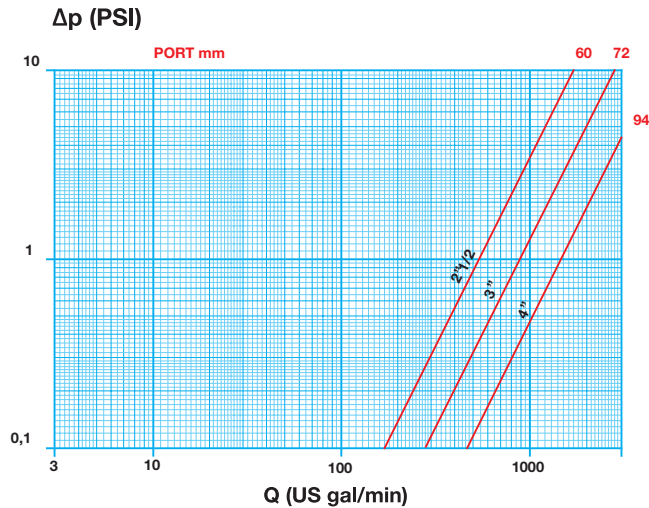
1220NLN IS NOT INTENDED FOR USE WITH SOFT OR ROLLED COPPER PIPE



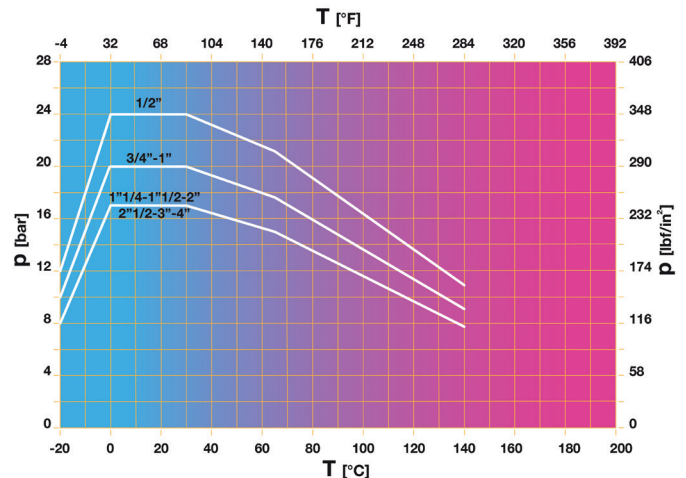
## DIMENSIONS

Size	2½"	3"	4"
A	9 <sup>7</sup> / <sub>16</sub> " 240mm	9 <sup>7</sup> / <sub>16</sub> " 240mm	9 <sup>7</sup> / <sub>16</sub> " 240mm
B	4 <sup>3</sup> / <sub>4</sub> " 121mm	5 <sup>3</sup> / <sub>16</sub> " 130mm	5 <sup>1</sup> / <sub>16</sub> " 145mm
C	8" 203mm	8 <sup>9</sup> / <sub>16</sub> " 217mm	9 <sup>1</sup> / <sub>2</sub> " 241mm
D	2 <sup>1</sup> / <sub>8</sub> " 55mm	2 <sup>1</sup> / <sub>8</sub> " 55mm	2 <sup>3</sup> / <sub>8</sub> " 60mm
CH	3 <sup>3</sup> / <sub>4</sub> " 82mm	3 <sup>3</sup> / <sub>4</sub> " 96mm	4 <sup>13</sup> / <sub>16</sub> " 123mm
Pounds	7.961	10.584	16.812
Grams	3619	4811	7642

## 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	2½"	3"	4"
CV	531.8	864.7	1416.2
CM	132.8	168.2	256.7
CS	265.5	336.3	513.3
MT	2478	2478	4867.5

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

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

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

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

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

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

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

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