

NO-LEAD

cimPRESS™ 1220NLN Ball Valve

CimPRESS x CimPRESS • For Use with NIBCO® Press Systems Only



Applications:

The Cim 1220NLN CimPRESS ball valve is designed for direct connection to hard drawn copper tube (not intended for use with soft or rolled copper tubing) using appropriate tools, jaws, and adapters as specified by the manufacturer. The CIM 1220NLN is suitable for use with non-aggressive fluid applications including: residential, industrial, and agricultural and is manufactured in accordance with MSS-SP-110, PS117-2004, and EN ISO 9001 standards.

Connection:

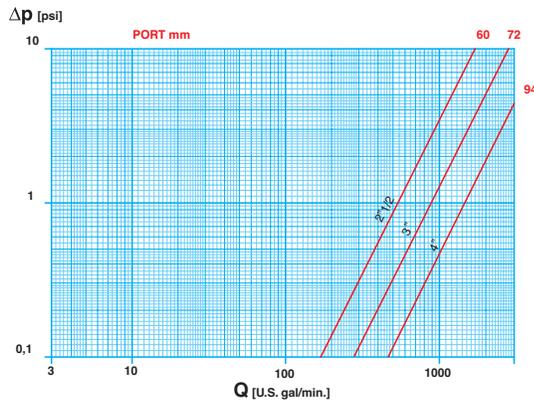
For use with NIBCO Press System
2½" – 4" press tools, chains, and adapter jaws ONLY.

Features:

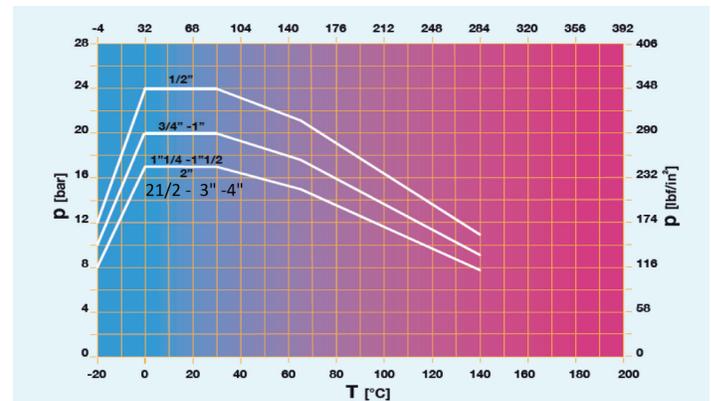
- Installs quickly and easily
- Flame-Free Installation
- DZR "CR" Corrosion-Resistant Brass
- EPMD-ASTM D 2000 M2 O-Rings
- Suitable for various applications
- Conforms to MSS-SP-10

Size	Cim No.
2-1/2"	1220NLN-11
3"	1220NLN-12
4"	1220NLN-14

FLOW AND PRESSURE DROP



PRESSURE/TEMPERATURE RATINGS



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

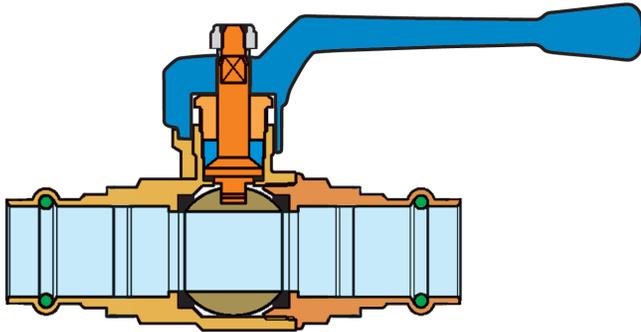
All Cimberio valves qualify for the American Recovery and Reinvestment Act and the Buy American Act.

Phone: 877.228.9246 • Fax: 877.232.9246 • www.cimberiovalve.com

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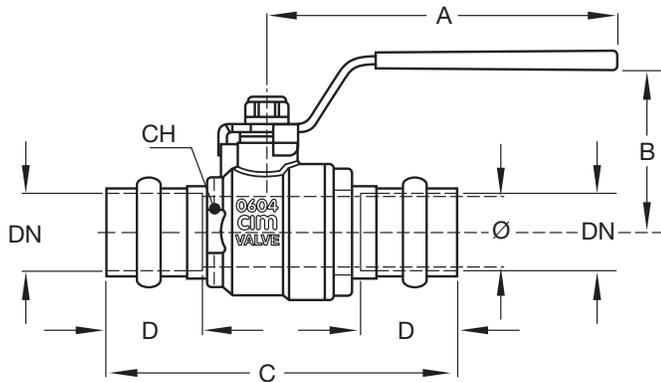
cim1220NLN

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Materials:

- Body:** Hot Forged Brass ASTM C37700
- Ball:** Brass, Machined to a Micro-Smooth Finish, Hard Chromium Plated
- Ball Seats:** Conical Rings in P.T.F.E.
- Stem Seal:** Rings in P.T.F.E.
- O-Ring:** EPDM - ASTM D 2000 M2
- Handle:** Aluminum
- Nut:** Self-Locking Type, Steel ANSI C.1008.



Size	2-1/2"	3"	4"
Port inch Port mm	2.36" 60mm	2.83" 72mm	3.7" 94mm
A	9-7/16" 240mm	9-7/16" 240mm	9-7/16" 240mm
B	4-3/4" 121mm	5-2/16" 130mm	5-11/16" 145mm
C	8" 202.5mm	8-9/16" 217mm	9-1/2" 241mm
D	2-1/8" 55mm	2-1/8" 55mm	2-3/8" 60mm
CH	3-1/4" 82mm	3-3/4" 96mm	4-13/16" 123mm
Pounds Grams	7.961 3619	10.584 4811	16.812 7642
Required Pipe Insertion Depth	2.1720" 55.16mm	2.1675" 55.06mm	2.3670" 60.12mm

CV CM CS MT

CV: Capacity in "U.S. 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 Pressures: According to ISO 5208

SIZE	2-1/2"	3"	4"
Ø mm Ø inch	60 2.36	72 2.83	94 3.7
CV gal/min	531.8	864.7	1416.2
CM N x m lb x in	15 132.8	19 168.2	29 256.7
CS N x m lb x in	30 265.5	38 336.3	58 513.3
MT N x m lb x in	280 2478	280 2478	550 4867.5

Job Name: _____

Job #: _____

Contractor: _____

Engineer: _____

Tag: _____

Date: _____

Contractor #: _____

Specification #: _____