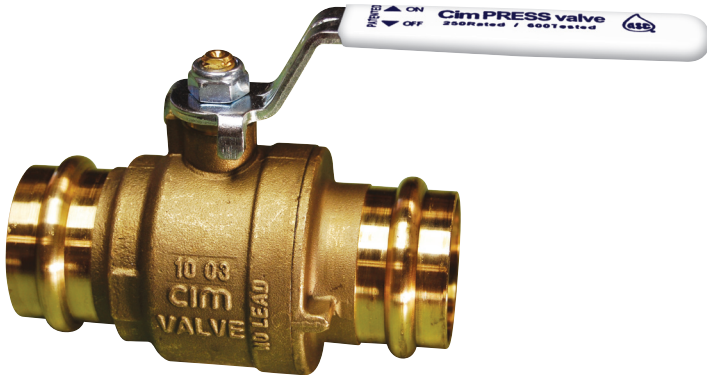


NO-LEAD

cimPRESS™ 1220NL ASC Ball Valve

CimPRESS x CimPRESS • ASC - Single O-Ring



Contains less than 15% zinc

Applications:

The CIM 1220 No-Lead, ASC, ball valve is designed to install quickly and easily using standard press tools without the need for flux and solder. Suitable for all plumbing and heating applications, including 50% glycol/water mixtures, it's patented Sure Connect o-ring design ensures every connection has been pressed and sealed eliminating costly installation errors. The CIM 1220NL conforms to MSS-SP-110 and has a pressure rating of 250 PSI with a temperature rating of 250° F.

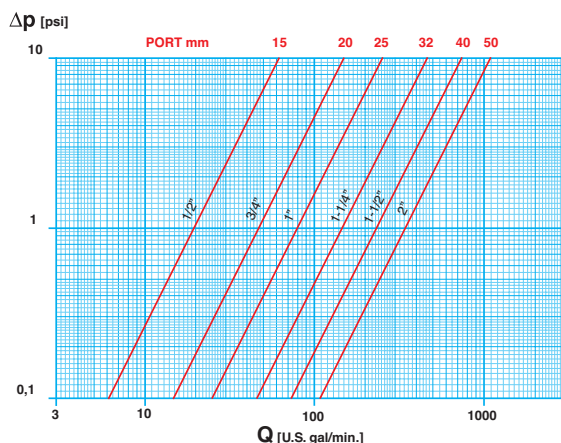
Features:

- Installs quickly and easily
- Compact design
- Patented Sure Connect O-Ring design
- Suitable for 50% glycol/water mixtures
- 250 PSI pressure rating and 250° F temperature rating
- Conforms to MSS-SP-110

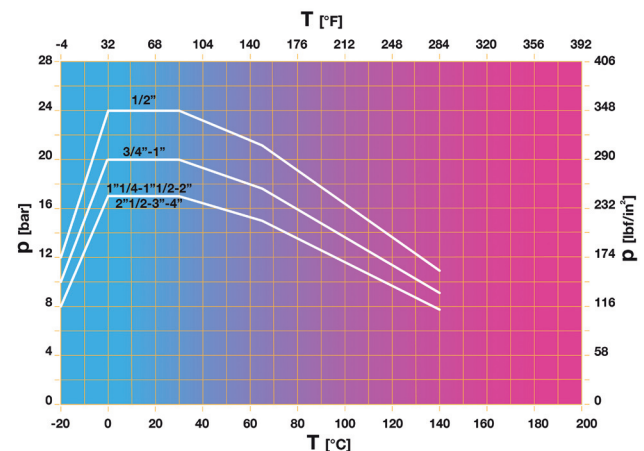


Size	Cim No.
1/2"	1220NL-04
3/4"	1220NL-06
1"	1220NL-07
1-1/4"	1220NL-08
1-1/2"	1220NL-09
2"	1220NL-10
2-1/2"	1220NL-11
3"	1220NL-12
4"	1220NL-14

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.

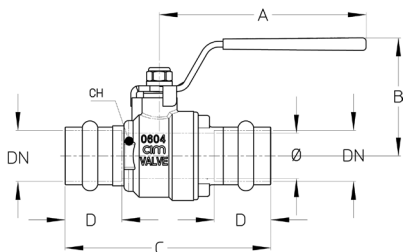
All Cimberio valves qualify for the American Recovery and Reinvestment Act and the Buy American Act.

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

cimPRESS™ ASC No-Lead Ball Valve

cim1220NL

CimPRESS x CimPRESS • ASC - Single O-Ring



Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
Port inch Port mm	0.59" 15mm	0.79" 20mm	0.98" 25mm	1.26" 32mm	1.57" 40mm	1.97" 50mm	2.36" 60mm	2.83" 72mm	3.70" 94mm
A	3-9/16" 90mm	3-9/16" 90mm	4-5/16" 110mm	4-5/16" 110mm	5-15/16" 150mm	5-15/16" 150mm	9-7/16" 240mm	9-1/16" 240mm	9-7/16" 240mm
B	1-7/8" 47mm	2-1/16" 52mm	2-1/4" 56.5mm	2-9/16" 65mm	2-7/8" 73mm	3-1/8" 80mm	4-3/4" 121mm	5-2/16" 130mm	5-11/16" 145mm
C	3-1/16" 78mm	2" 50.5mm	3-7/8" 99mm	4-3/16" 107mm	5-1/8" 130.5mm	6-1/4" 159mm	7-7/8" 200.5mm	8-7/16" 214mm	9-1/2" 241mm
D	7/8" 22mm	1" 25mm	1-1/16" 27mm	1-1/16" 27mm	1-1/4" 32mm	1-7/16" 37mm	2-1/8" 55mm	2-1/8" 55mm	2-3/8" 60mm
CH	15/16" 24mm	1-1/4" 31mm	1-1/2" 38mm	1-7/8" 47mm	2-3/16" 55mm	2-11/16" 68mm	3-1/4" 82mm	3-3/4" 96mm	4-13/16" 123mm
Pounds Grams	0.43 193	0.68 310	1.06 480	1.58 718	2.61 1183	4.03 1827	8.179 3718	11.016 5007	17.379 7900
Required Pipe Insertion Depth	0.888" 22.55mm	0.9835" 24.98mm	1.066" 27.08mm	1.052" 26.72mm	1.275" 32.38mm	1.458" 37.03mm	-	-	-

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 Sten 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	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
Ø mm Ø inch	15 0.59	20 0.79	25 0.98	32 1.26	40 1.57	50 1.97	60 2.36	72 2.83	94 3.70
CV gal/min	19.7	47.4	78.8	142.3	229.1	335.4	531.8	864.7	1416.2
CM N x m lb x in	3 27	5 44	6 53	7 62	8 71	11 97	15 132.8	19 168.2	29 256.7
CS N x m lb x in	6 53	10 89	12 106	14 124	16 142	22 195	30 265.5	38 336.3	58 513.3
MT N x m lb x in	20 177	24 213	26 230	26 230	88 779	88 779	280 2478	280 2478	550 4867.5

The CimPRESS ASC No-Lead Ball Valve is intended for connection to hard drawn copper tubing as well as stainless steel tube and not intended for use with soft or rolled copper tube.

Job Name: _____

Job #: _____

Contractor: _____

Engineer: _____

Tag: _____

Date: _____

Contractor #: _____

Specification #: _____