

SUBMITTAL SHEET

JOB NAME		ITEM TAG
JOB LOCATION		PART NUMBER
CONTRACTOR	DATE	
ENGINEER APPROVAL	DATE	

NO LEAD FULL-PORT PRESS-TO-CONNECT TRANSITION BALL VALVE

P-203NL

Full port transition ball valve; Copper Press x MNPT or FNPT.

Press-to-connect end connections are designed for installation onto ASTM B88 types K, L and M hard-drawn copper tubing.

End connections are compatible with commercially-available VUS profile jaws.

Available in nominal sizes 1/2" to 1".

Working Pressure, Non Shock (PSI)

Cold working pressure (CWP): 250 psi

Saturated steam (WSP): Not suitable for steam service

Maximum service temperature: 250°F

	PART	MATERIAL	SPECIFICATION	
1	Handle nut	Zinc plated steel with plastic anti-vibration insert	ASME SA6, SA283 Grade C	
2	Handle	Zinc plated steel	ASME SA6, SA283 Grade C	
3	Packing nut	Forged brass	ASTM B455 UNS C38500	
4	Stem packing	PTFE	FR101 resin	
5	Stem	Lead-free forged brass	UNS Alloy C46500	
6	Thrust washer	PTFE	FR101 resin	
7	Body	Lead-free forged brass	UNS Alloy C46500	
8	Seats (2)	PTFE	FR101 resin	
9	Ball	Chrome-plated lead-free forged brass	UNS Alloy C46500	
10	End adapter	Lead-free forged brass	UNS Alloy C46500	
11	Socket O-ring	EPDM	Commercial grade	

MENSIONS - Inch							
Size	A (MNPT)	A (FNPT)	В	С	Tubing insertion depth		
1/2"	3.12	2.70	1.66	3.74	1.12 (1-1/8")		
3/4"	3.40	3.08	1.92	3.74	1.18 (1-3/16")		
1"	3.75	3.42	2.30	4.50	1.18 (1-3/16")		

Certifications/Listings:

Third-party certified.

NSF/ANSI 14: Plastic piping system components and related materials.

NSF/ANSI 61: Drinking water system components - Health effects.

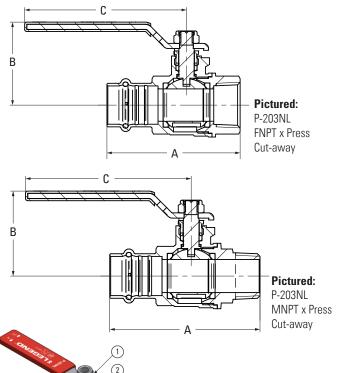
NSF/ANSI 372: Drinking water system components - Lead content

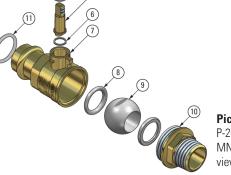
Standards:

ANSI/ASME B1.20.1: Pipe threads, general purpose, Inch.

ANSI/ASME B16.51: Copper and copper alloy press-connect pressure fittings.







Pictured: P-203NL MNPT x Press Exploded view