

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

MATERIAL SPECIFICATION		
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

DIMENSIONS - Inch					
Size	A (MNPT)	A (FNPT)	B	C	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.

