

SUBMITTAL SHEET

JOB NAME _____ ITEM TAG _____

JOB LOCATION _____ PART NUMBER _____

CONTRACTOR _____ DATE _____

ENGINEER APPROVAL _____ DATE _____

LEAD-FREE FULL PORT PRESS BALL VALVE

P-200NL LegendPress™

Lead-free design is suitable for all no-lead potable water installations, in full compliance of all lead-free plumbing laws.

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

Deeper tubing sockets and dual O-rings at each connection, provide extra stability during the pressing process as well as enhanced sealing.

Press-type end connections eliminate the need for soldering, reducing labor and materials costs and eliminating the fire hazard associated with the process.

Compatible with commercially-available VUS profile jaws.

Oversized lever handle with pre-drilled tag hole is ideal for commercial plumbing applications.

Available in sizes 1/2" to 2" in the Press x Press configuration.

Working Pressure, Non-Shock (PSI)

Cold working pressure (CWP):
 1/2" and 3/4": 600 psi
 1" and 1-1/4": 500 psi
 1-1/2" and 2": 400

Saturated Steam (WSP): Not suitable for steam service

Maximum service temp: 250°F @ 230 psi



**Pictured:
P-200NL**

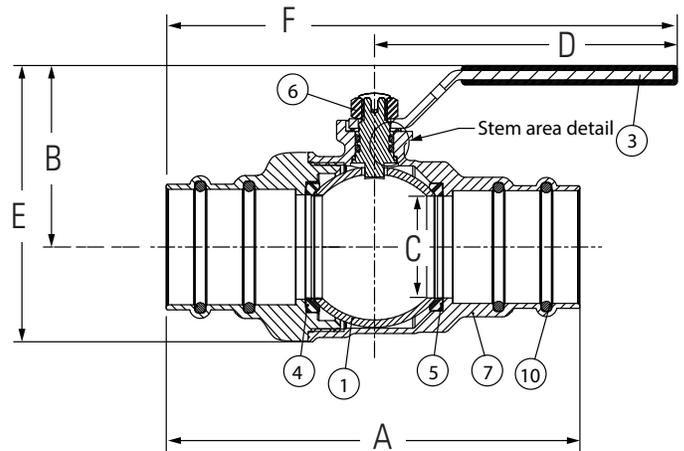
- Third-party tested and certified in compliance with U.S. Federal Public Law 111-380 (National lead-free plumbing law.)

- NSF certified to NSF 61-G.

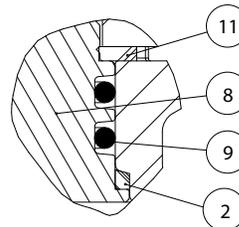
- Valve construction conforms to MSS SP-110; press-type end connections are currently excluded from this Standard.



- Manufactured in an ISO accredited facility.



**Pictured:
P-200NL LegendPress™
cut-away**



**Pictured:
P-200NL LegendPress™
Stem area detail**

MATERIAL SPECIFICATION

| PART | MATERIAL | SPECIFICATION |
|----------------------------|-------------------------------------------|----------------------|
| 1 Ball | Chrome-plated lead-free forged brass | CW510L UNS C28500 |
| 2 Thrust washer | TFM PTFE | Teflon* |
| 3 Handle | Dacromet coated steel | ASTM A510 UNS G10060 |
| 4 End adapter | Lead-free forged brass | CW510L UNS C28500 |
| 5 Seats (2) | TFM PTFE | Teflon* |
| 6 Handle nut | Dacromet coated steel with PVC resin lock | ASTM A510 UNS G10060 |
| 7 Body | Lead-free forged brass | CW510L UNS C28500 |
| 8 Stem | Chrome-plated lead-free forged brass | CW510L UNS C28500 |
| 9 Stem O-rings (2) | Fluoroelastomer | Viton** |
| 10 Socket O-rings: 4 total | EPDM | Commercial grade |
| 11 Anti-friction washer | TFM PTFE | Teflon* |

*Teflon is a registered trademark of the DuPont.

**Viton is a registered trademark of DuPont Company.

DIMENSIONS

| Size | A | B | C | D | E | F |
|----------------------|------|------|------|------|------|------|
| 1/2" Press x Press | 3.90 | 1.43 | 0.59 | 3.04 | 2.05 | 5.00 |
| 3/4" Press x Press | 4.51 | 1.90 | 0.79 | 3.74 | 2.68 | 6.00 |
| 1" Press x Press | 4.77 | 2.06 | 1.00 | 3.74 | 3.01 | 6.13 |
| 1-1/4" Press x Press | 5.08 | 2.24 | 1.26 | 3.74 | 3.40 | 6.28 |
| 1-1/2" Press x Press | 5.83 | 2.77 | 1.58 | 5.38 | 4.15 | 8.30 |
| 2" Press x Press | 7.33 | 3.08 | 2.00 | 5.38 | 4.76 | 9.15 |

LegendPress™ Tubing Insertion Depth

| Nominal Tubing Size: | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" |
|----------------------|--------|---------|---------|---------|--------|---------|
| Insertion Depth: In. | 1-3/8" | 1-9/16" | 1-9/16" | 1-9/16" | 1-3/4" | 2-3/16" |
| MM | 35 | 40 | 40 | 40 | 45 | 55 |

(See P-200NL Large Diameter Submittal for sizes 2 1/2" to 4" sizes).