

SPECIFICATIONS

FIGURE X432 BRASS BODY BALL VALVE



LOW-LEAD COMPLIANT 2-PC* FULL PORT** WATER SERVICE VALVE WITH PRESS ENDS

The FNW Figure X432 press valve for water service is an economical alternative to the more robust figure X430. This valve allows quick installation on copper pipelines meeting ASTM B88 standards. The structure of the valve, made in dezincification-resistant brass, guarantees excellent corrosion resistance, particularly in the connection areas of the pipeline. Drip fit O-rings ensure that an end connection will drip, indicating an end was not pressed.



2-1/2"–4" XLC Ends

FEATURES

- Sizes: 1/2"–4" (2-1/2"–4" are XLC end connections†)
- Full port**
- Press ends
- Drip fit O-rings (1/2"–2")
- No soldered-in end pieces
- Blowout-proof stem
- Dual O-ring non-adjustable packing
- Forged brass body and end cap
- 100% electronically tested in open and closed position at 80 psi

* Sizes 2-1/2"–4" use threaded-in, O-ring sealed XLC press end adapters.
 ** 4" valve is standard port.

† The current specification SP-110 does not address the new technology of press end connections; other than this exception, the valve meets the design criteria of the specification.

‡ XLC valves are for copper pipe or copper XLC fittings only and should not be used on brass fittings or adapters.

Note: Low-Lead Compliant: Referring to laws defining "Lead Free" as wetted surface of pipe, fittings and fixtures in potable water systems that have a weighted average lead content ≤ 0.25% per the Safe Drinking Water Act (Sec. 1417) amended 1-4-2011, as well as other state regulations.

NOT FOR USE AT OR BELOW GROUND LEVEL.

ACCESSORIES/OPTIONS



Locking Handle Kit
(1/2"–2")



Stem Extension Kit
(1/2"–4")



Tee Handle Kit
(1/4"–1")



Memory Stop Kit
(1/2"–2")



Stainless Handle
(1/2"–2")



Oval Handle Kit
(1/2"–2")

FIGURE NUMBER MATRIX

| FNW X432 | | | |
|-------------------------|-----------------|-----------|-----------|
| END CONFIGURATION (IN.) | SIZE CODE (IN.) | | |
| 1/2 – 2 = Blank | 1/2 = D | 1-1/4 = H | 2-1/2 = L |
| 2-1/2 – 4 = AXLC | 3/4 = F | 1-1/2 = J | 3 = M |
| | 1 = G | 2 = K | 4 = P |

Drip Fit O-Rings

The drip fit O-rings ensure that an unpressed end will drip. This is an added safety feature to ensure unpressed ends are discovered and corrected.



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FIGURE X432
BRASS BODY BALL VALVE

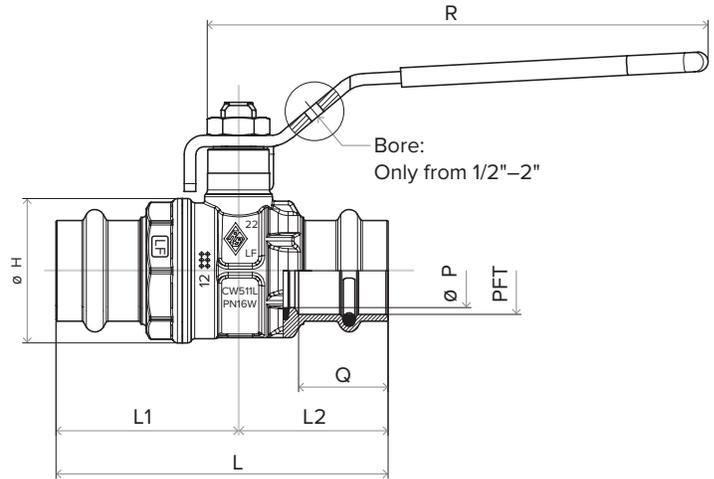


LOW-LEAD COMPLIANT 2-PC* FULL PORT**
WATER SERVICE VALVE WITH PRESS ENDS

ACCESSORY KIT CODES

| FNW 420 | |
|-------------------------|------------------|
| PRODUCT TYPE | SIZE CODE (IN.) |
| Locking Lever = LHK | 1/2 = BD |
| Stem Extension = SE | 3/4-1 = FG |
| Tee Handle = THK | 1-1/4-1-1/2 = HJ |
| Oval Handle = OHK | 2 = K |
| Memory Stop = MSK | 2-1/2-3 = LM |
| Stainless Handle = SSHK | 4 = P |

Note: The Figure X432A uses the same accessories as the 420. Locking Handle Kit (LHK) is only compatible with sizes 1/2"-2". LHK is not compatible with sizes 2-1/2"-4".



REFERENCE CHART

| Size (in.) | Dimensions (in.) | | | | | | | | | | Wt (lbs) |
|------------|------------------|------|------|------|------|------|------|------|-----|-----|----------|
| | ØP | Q | ØH | L | L1 | L2 | h | R | PN | CWP | |
| 1/2 | 0.55 | 0.71 | 1.22 | 2.93 | 1.62 | 1.31 | 1.77 | 3.78 | 200 | 200 | 0.44 |
| 3/4 | 0.75 | 0.91 | 1.46 | 3.37 | 1.85 | 1.52 | 2.22 | 4.76 | 200 | 200 | 0.72 |
| 1 | 0.94 | 0.94 | 1.76 | 3.81 | 2.11 | 1.70 | 2.32 | 4.76 | 200 | 200 | 0.99 |
| 1-1/4 | 1.19 | 1.02 | 2.11 | 4.17 | 2.24 | 1.93 | 2.85 | 5.94 | 200 | 200 | 1.55 |
| 1-1/2 | 1.50 | 1.42 | 2.64 | 5.23 | 2.78 | 2.45 | 3.09 | 5.94 | 200 | 200 | 2.51 |
| 2 | 1.95 | 1.57 | 3.39 | 6.27 | 3.29 | 2.98 | 3.70 | 6.30 | 200 | 200 | 4.19 |
| 2-1/2 | 2.44 | 1.65 | 4.09 | 7.05 | 3.76 | 3.29 | 4.57 | 8.07 | 200 | 200 | 7.16 |
| 3 | 2.99 | 1.91 | 4.96 | 8.27 | 4.45 | 3.82 | 4.98 | 8.07 | 200 | 200 | 10.76 |
| 4 | 2.99 | 2.42 | 5.28 | 8.94 | 4.53 | 4.41 | 4.98 | 8.07 | 200 | 200 | 14.68 |

PARTS BREAKDOWN

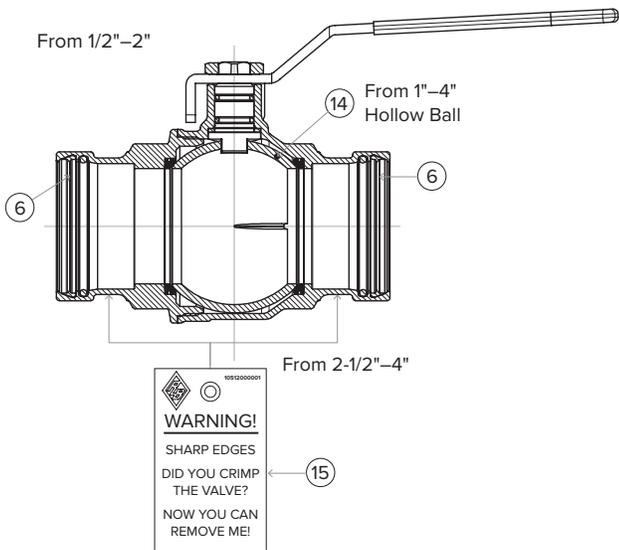
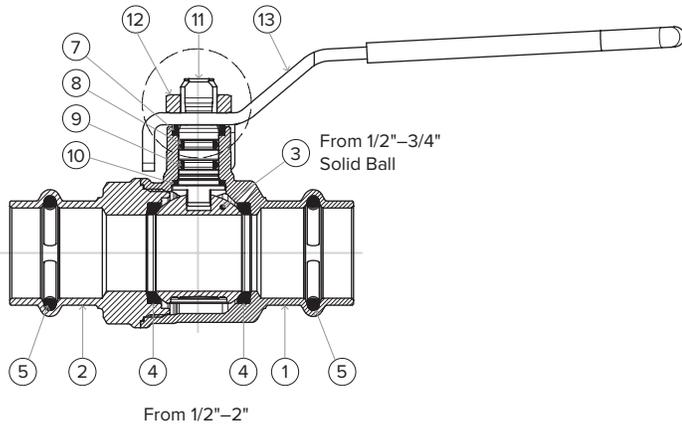
FIGURE X432

BRASS BODY BALL VALVE



LOW-LEAD COMPLIANT 2-PC* FULL PORT**
WATER SERVICE VALVE WITH PRESS ENDS

PARTS DIAGRAM



15

WARNING!
SHARP EDGES
DID YOU CRIMP
THE VALVE?
NOW YOU CAN
REMOVE ME!

PART MATERIALS & QUANTITY

| Ref # | Description | Material | Qty |
|-------|------------------|---------------|-----|
| 1 | Body | Brass C27453 | 1 |
| 2 | End Connection | Brass C27453 | 1 |
| 3 | Ball | Brass CW 510L | 1 |
| 4 | Seat | PTFE | 2 |
| 5 | O-Ring | EPDM | 2 |
| 6 | Compression Ring | Steel | 2 |
| 7 | Packing Ring | PTFE | 2 |
| 8 | O-Ring | FKM | 1 |
| 9 | O-Ring | NBR | 1 |
| 10 | Thrust Washer | PTFE | 1 |
| 11 | Stem | Brass CW 510L | 1 |
| 12 | Nut | Steel CL 04 | 1 |
| 13 | Handle | Steel DD11 | 1 |
| 14 | Ball | Brass CW 510L | 1 |
| 15 | Tag | Paper | 2 |

