

# 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.



### 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



### 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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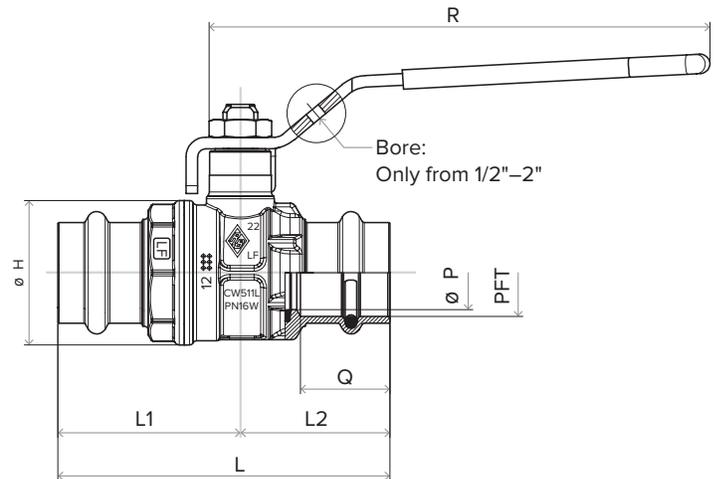


#### LOW-LEAD COMPLIANT 2-PC\* FULL PORT\*\* WATER SERVICE VALVE WITH PRESS ENDS

#### 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	2-1/2-4 = LM
Stainless Handle = SSHK	

Note: Figure X432 uses the same accessories as the 420. Since the 4" valve is standard port, the accessories for the 2-1/2" and 3" valves also fit the 4" size. 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

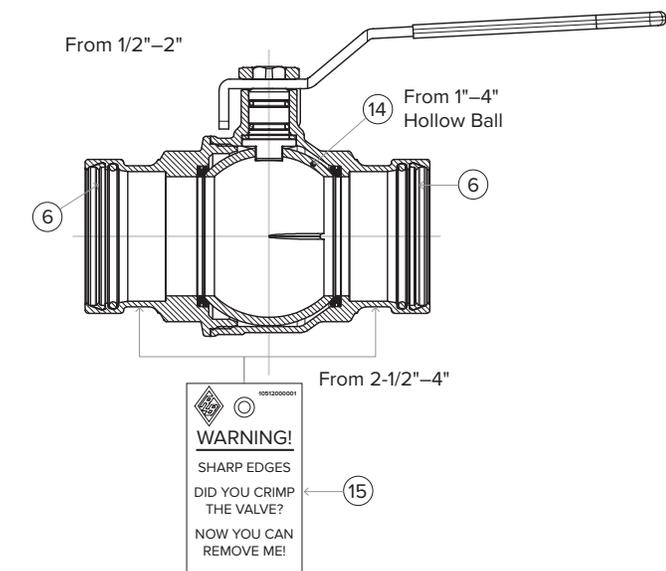
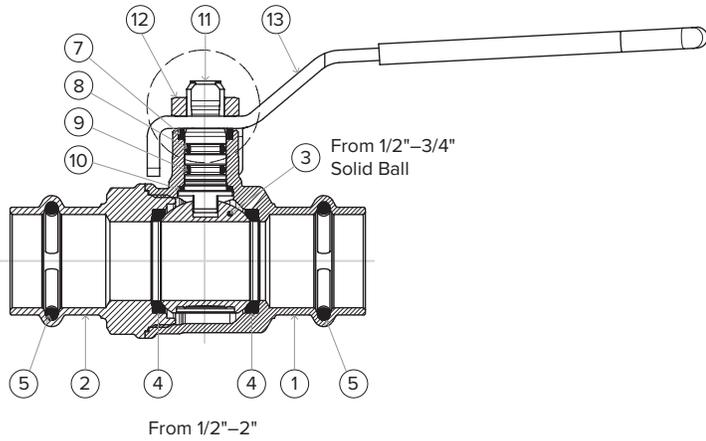
**FIGURE X432**

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WATER SERVICE VALVE WITH PRESS ENDS

PARTS DIAGRAM



1010200001  
**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

