

SPECIFICATIONS

FIGURE X430

BRASS BODY BALL VALVE



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

The FNW Figure X430 press valve for water service is suggested for all applications where labor and time savings are a must. The 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

- 200 psi max working pressure
- 250°F max temperature at max pressure
- Full port
- Press ends
- Conforms to MSS SP-110*
- ANSI/NSF 61 Annex G Certified (UL) (Annex G references NSF 372)
- True 2-piece design
- Drip fit O-rings
- No soldered-in end pieces
- Blow-out proof stem
- Adjustable packing
- Secondary O-ring stem seal
- Forged brass body & end cap
- 100% DZR brass offers greater protection against corrosion and cracking
- 100% electronically tested in open and closed position at 80 psi
- Uses the same handle accessories as the Figure 420 ball valve
- Sizes 1/2"–2"

* 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.

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 $\leq 0.25\%$ per the Safe Drinking Water Act (Sec. 1417) amended 1-4-2011, as well as other state regulations.



ACCESSORIES/OPTIONS



Lock Lever



Stem Extension



Memory Stop



Tee or Oval Handle

FIGURE NUMBER MATRIX

FNW X430

SIZE CODE (IN.)

1/2 = D	1-1/4 = H
3/4 = F	1-1/2 = J
1 = G	2 = K

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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ACCESSORY KIT CODES

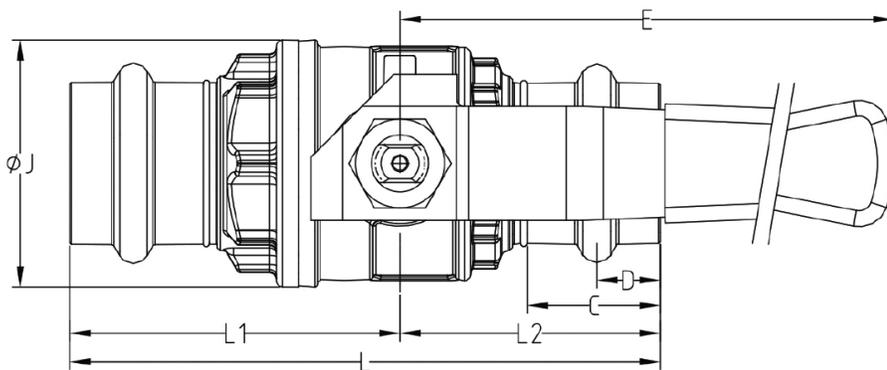
LOCKING LEVER*	EXTENSIONS	MEMORY STOPS	OVAL HANDLES	TEE HANDLES
1/2 = FNW420LHKBD	1/2 = FNW420SEBD	1/2 = FNW420MSKBD	1/2 = FNW420OHKBCD	1/2 = FNW420THKBD
3/4-1 = FNW420LHKFG	3/4-1 = FNW420SEFG	3/4-1 = FNW420MSKFG	3/4-1 = FNW420OHKFG	3/4-1 = FNW420THKFG
1-1/4-1-1/2 = FNW420LHKHJ	1-1/4-1-1/2 = FNW420SEHJ	1-1/4-1-1/2 = FNW420MSKHJ	1-1/4-1-1/2 = FNW420OHKHJ	
2 = FNW420LHKK	2 = FNW420SEK	2 = FNW420MSKK	2 = FNW420OHKK	

Oval Handle* = OHK
Memory Stop = MSK

* Note: Locking lever kits are of the standard Figure 420 yellow sleeve type.

REFERENCE CHART

Size (in.)	Dimensions (in.)												Wt (lbs)
	E	H	ØJ	ØP	ØPFT	C	D	Q	L	L1	L2	CV	
1/2	3.86	1.89	1.30	0.59	0.63	0.67	0.31	0.71	3.13	1.71	1.42	18	0.49
3/4	4.80	2.28	1.54	0.79	0.88	0.83	0.39	0.91	3.66	2.05	1.61	34	0.86
1	4.80	2.44	1.93	0.98	1.13	0.83	0.39	0.94	4.13	2.32	1.81	49	1.23
1-1/4	6.02	3.07	2.32	1.26	1.38	0.83	0.39	1.02	4.41	2.44	1.97	102	2.34
1-1/2	6.02	3.35	2.87	1.57	1.63	1.02	0.49	1.42	5.63	2.91	2.72	265	3.48
2	6.38	3.80	3.39	1.95	2.13	1.18	0.57	1.57	6.48	3.39	3.09	306	4.61



PARTS BREAKDOWN

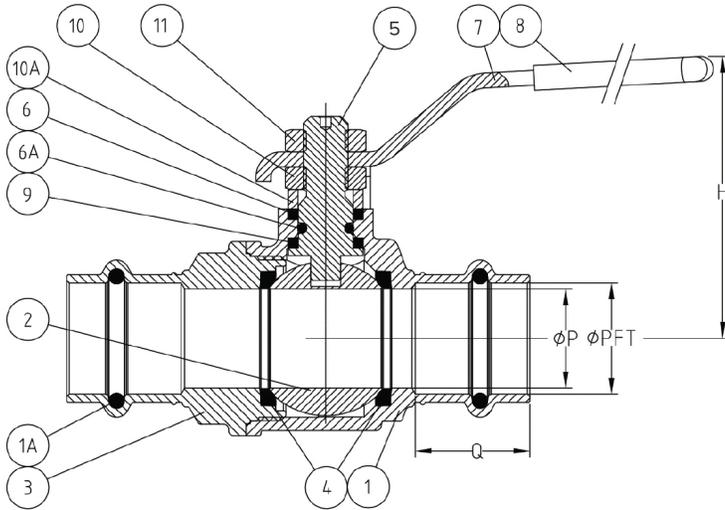
FIGURE X430

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PARTS DIAGRAM



PART MATERIALS & QUANTITY

Ref #	Description	Material	Qty
1	Body	Brass C27453	1
1A	O-Ring	EPDM (EP851)	2
2	Ball	Brass CW 510L (Chrome-Plated)	1
3	End Cap	Brass C27453	1
4	Seat	PTFE	2
5	Stem	Brass CW 510L	1
6	Stem Packing	PTFE	1 set
6A	Stem O-Ring	NBR 75 Shore A	1
7	Handle	Steel DD11	1
8	Sleeve	Vinyl	1
9	Thrust Washer	PTFE	1
10	Gland Nut	Steel CL 04 ZP	1
10A	Packing Gland	Brass CW 614N UNI 12164	1
11	Handle Nut	Steel CL 04 ZP	1