

SPECIFICATIONS

FIGURE X430

BRASS BODY BALL VALVE



LOW-LEAD COMPLIANT¹ 2-PC FULL PORT PRESS BALL VALVE

FNW Figure X430 allows for quick installation on ASTM B88 standard copper piping systems (Type K, L and M hard drawn copper tubing or soft copper tube up to 1-1/4"). The heavy pattern forged body and end cap made with dezincification-resistant (DZR) brass provides excellent corrosion resistance making it ideal for commercial applications. Drip fit O-rings provide a quick way to identify unpressed ends.

FEATURES

- Forged brass body & end cap
- 100% DZR brass offers greater protection against corrosion and cracking
- True 2-piece design (no soldered-in end pieces)
- 300 PSI max working pressure
- 250°F max temperature
- Full port
- Blow-out proof stem
- Adjustable packing
- Secondary O-ring stem seal
- 100% electronically tested in open and closed position at 80 PSI
- Drip fit O-rings identify unpressed ends during testing
- Made in Italy
- Sizes 1/2"–2"
- Handle accessories available

PRODUCT SPECIFICATIONS

Standards

- ANSI/NSF 61 and ANSI/NSF 372 (UL certified)
- FM approved; sizes 1/2"–2" (FM 1140)
- Meets MSS SP-110 standards²

Applications

- Chilled or hot water (32°F–250°F)
- Low-pressure steam (MAX 15 PSI/248°F)
- Hydronic heating or cooling (MAX 35% ethylene or propylene glycol as additive)³
- Compressed air (MAX 200 PSI/140°F)



ACCESSORIES/OPTIONS



Lock
Lever



Stem
Extension



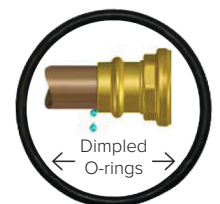
Memory
Stop



Tee or Oval
Handle

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.



Notes:

- ¹Low-Lead compliance refers 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.
- ²The current specification MSS SP-110 does not address press end connections; other than this exception, the valve meets the design criteria of the specification.
- ³See IOM for additional installation and application information or contact your local FNW representative.
- **Warning: Not for use at or below ground level**

SPECIFICATIONS

FIGURE X430
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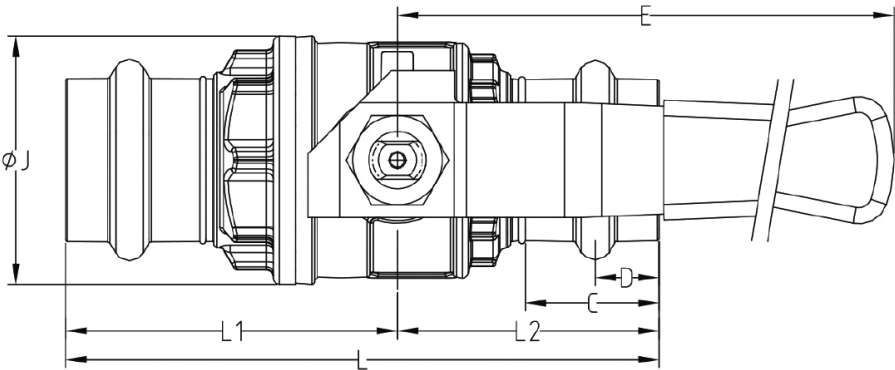
FIGURE NUMBER MATRIX

FNW X430	
SIZE CODE (IN.)	
1/2 = D	1-1/4 = H
3/4 = F	1-1/2 = J
1 = G	2 = K

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	

Note:
Figure X430 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

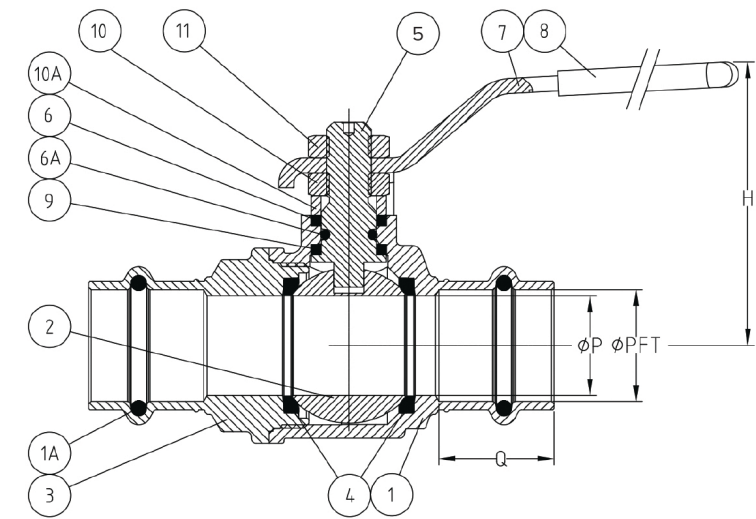
Size (in.)	Dimensions (in.)											CV	Wt (lbs)
	E	H	ØJ	ØP	ØPFT	C	D	Q	L	L1	L2		
1/2	3.86	1.89	1.30	0.59	0.63	0.67	0.31	0.71	3.13	1.71	1.42	18	0.49
3/4	4.80	2.28	1.54	0.79	0.88	0.83	0.39	0.91	3.66	2.05	1.61	34	0.86
1	4.80	2.44	1.93	0.98	1.13	0.83	0.39	0.94	4.13	2.32	1.81	49	1.23
1-1/4	6.02	3.07	2.32	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

FIGURE X430
BRASS BODY BALL VALVE



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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