

NIBCO® Press System Lead-Free* Brass Ball Valves

Features: Press Ends Leak Detection • Two-Piece Body • PTFE Seats • Full Port • Blowout-Proof Stem

Approvals: IAPMO/ANSI Z1157 (IGC-157) • NSF/ANSI-61 & 372 • MSS SP-145 • Conforms to ASME B16.51†

Size range: 1/2" - 2"

Pressure rating: 250 PSI non-shock cold working pressure

Maximum pressure / temperature: 225 PSI at 250° F

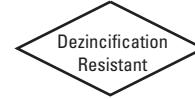
Lead-Free* markings:

White handle and blue hang tag

Applications: Drinking Water • Domestic Hot & Cold Water • HVAC (condensors, chilled water, hot water heating) • Isolation and Throttling (half-open to full-open only) • Connect to Rigid Copper Tubing Manufactured per ASTM B88, Condition H (hard drawn)

Reference Press System catalog for updated Approved Tool and Jaw Compatibility Matrix list.

Not intended for steam or gas usage.

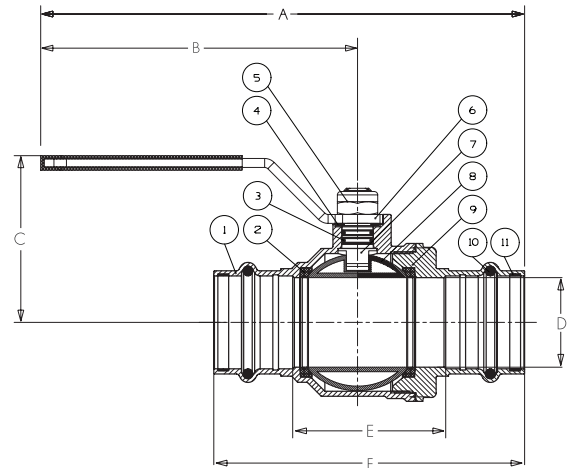


PC-FP-600A-LF

Press x Press

1/2" - 2"

(Patent Pending sizes 1-1/4" - 2")



PC-FP-600A-LF

Press x Press

1/2" - 2"†

MATERIAL LIST

PART	SPECIFICATION
1. Body	Forged DZR Copper Alloy - C46500
2. Seat Seal	PTFE
3. O-ring	EPDM - ASTM D2000
4. Washer	PTFE
5. Lock Nut	Stainless Steel + Nylon
6. Handle	Steel, Plated
7. Stem	Brass
8. Ball	Chrome Plated Brass - C46500 (1/2"-1") Stainless Steel 316 (1 1/4"-2")
9. End Cap	Forged DZR Copper Alloy - C46500
10. O-ring	EPDM - ASTM D2000
11. Metal Ring	Stainless Steel (1-1/4"-2")†

Options:

- Extended lever
- EPDM Seal for Press Ends
- Wing Handle



Handle Markings

DIMENSIONS—WEIGHTS—QUANTITIES

SIZE	A		B		C		D		E		F		Weight	
In.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	Lbs.	Kg.
1/2	4.57	116	3.66	93	2.09	53	0.631	16.03	1.30	33.0	2.87	73.0	0.38	0.17
3/4	5.71	145	4.17	106	2.80	71	0.883	22.43	1.63	41.5	3.44	87.5	0.73	0.33
1	5.83	148	4.17	106	3.15	80	1.140	28.96	1.83	46.5	3.64	92.5	1.00	0.46
1-1/4†	6.97	177	4.61	117	2.52	64	1.386	35.20	2.19	55.5	4.43	112.5	1.70	0.77
1-1/2†	9.06	230	6.30	160	3.23	82	1.636	41.56	2.52	64.0	5.30	134.5	2.37	1.08
2†	9.88	251	6.30	160	3.23	82	2.137	54.28	3.39	86.0	6.69	170.0	3.96	1.80

IAPMO/ANSI Z1157: in addition to meeting ICG-157 test requirements, the IAPMO/ANSI Z1157 also requires Press ends to be fully tested to IAPMO PS-117 performance requirements which includes the following additional tests:

1. Unrestrained Hydrostatic Pressure Test at 20 °C (68°F)
2. Unrestrained Hydrostatic Pressure Test at 93 °C (200°F)
3. Static Torsion Test for Press Connections
4. Bending Test
5. Vacuum Test
6. Hydraulic Shock (Water Hammer) Test
7. Vibration Test
8. Thermal Cycling Test
9. Alternate Thermal Cycling Test
10. Dynamic Torsion Test for Press Connections

† Tested to the performance criteria of ASME B16.51

‡ Patent Pending

Visit our website for the most current information.