

Brass Ball Valves

Two-Piece Body • Full Port • Blowout-Proof Stem • PTFE Seats

1/4"-2" 600 PSI/41.4 Bar Non-Shock Cold Working Pressure
2 1/2"-4" 400 PSI/27.6 Bar Non-Shock Cold Working Pressure

CSA CERTIFIED TO ASME B16.44
AND CR91-002 (THREADED 1/4"-4") • UL LISTED (THREADED 1/4"-4")
• IAPMO LISTED TO NSF/ANSI 61-8
• FM APPROVED (THREADED 1/4"-2")

CSA (1/4" - 4"):

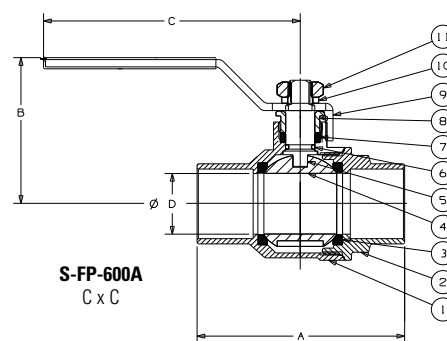
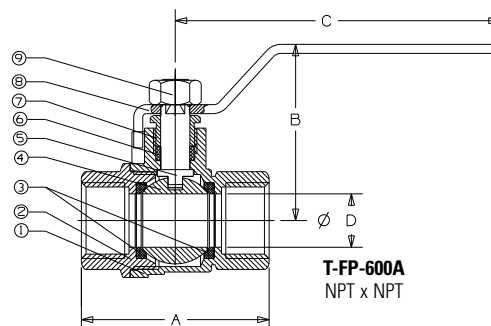
- CR91-002: 1/2 psig, 2 psig, and 5 psig (these are specific approved categories)
- ASME B13.44: 125 psig (maximum)
- Temperature is -4° F to 194° F

FM (1/4" - 2"):

- 175wvp (both SFP600A and TFP600A)

UL, Gas and Oil (1/4" - 4"):

- YQNZ, Compressed Gas Shutoff Valves: 250 psi
- YRBX, Flammable Liquid Shutoff Valves: 250 psi
- YRPV, Gas Shutoff Valves: 250 psi
- YSDT, LP-Gas Shutoff Valves: 250 psi
- MHKZ, Manual Valves: 250 psi



MATERIAL LIST

PART	SPECIFICATION
1. Body	Forged Brass ² CU > 57%
2. End Cap	Forged Brass ² CU > 57%
3. Ball Seat	PTFE
4. Ball	Brass, Chrome Plated
5. Stem	Brass
6. O-Ring (Stem Seal)*	Fluorocarbon (FKM)
7. Stem Packing	PTFE
8. Packing Nut	Brass
9. Lever Handle ¹	Steel, Plated
10. Lock Washer*	Stainless Steel
11. Handle Nut ¹	Stainless Steel

Note: * Parts 6 and 10 are applicable of S-FP-600A only.

¹ Due to Standard Approvals, Lever Handles and Nuts are not interchangeable between Solder and Threaded. There are no handle options at this time.

² For Material Certification, contact NIBCO Technical Services.

DIMENSIONS—WEIGHTS—QUANTITIES

Dimensions															
Size	T-FP-600A		S-FP-600A		T-FP-600A		S-FP-600A		T-FP-600A		S-FP-600A		Port		
	A	A	A	A	B	B	B	B	C	C	C	C	D	D	
In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	Lbs. Kg.	Lbs. Kg.	Ctn. Qty.
1/4 8	1.76 45	— —	1.73 44	— —	3.54 90	— —	.39 10	.33 15	— —	— —	18	—			
3/8 10	1.76 45	1.75 44	1.73 44	1.58 40	3.54 90	3.78 96	.39 10	.30 14	.38 17	18	18				
1/2 15	2.05 52	2.01 51	1.92 49	1.78 45	3.54 90	3.78 96	.59 15	.44 20	.40 18	18	18				
3/4 20	2.36 60	2.74 70	2.09 53	2.13 54	3.78 96	3.98 101	.75 19	.66 30	.67 30	12	12				
1 25	2.76 70	3.35 85	2.56 65	2.52 64	4.53 115	4.41 112	.98 25	1.10 50	1.12 51	6	6				
1 1/4 32	3.31 84	3.78 96	2.95 75	2.65 67	4.53 115	5.04 128	1.26 32	1.57 71	1.49 67	4	4				
1 1/2 40	3.66 93	4.42 112	3.35 85	3.12 79	5.51 140	6.22 158	1.57 40	2.40 109	2.38 108	2	2				
2 50	4.18 106	5.34 136	3.68 93	3.41 87	5.51 140	6.22 158	1.97 50	3.37 153	3.62 164	2	2				
2 1/2 65	5.38 137	6.28 160	4.76 121	4.76 121	8.66 220	8.66 220	2.56 65	7.60 345	6.36 288	3	3				
3 75	6.04 153	7.15 182	5.08 129	5.08 129	8.66 220	8.66 220	2.95 75	9.36 424	8.32 377	2	2				
4 100	7.39 188	— —	5.87 149	— —	9.61 244	— —	3.89 99	16.85 7.64	— —	1	—				

