

Lead-Free* Ball Valves

Two-Piece Body • Full Port • Blowout-Proof Stem • PTFE Seats •
Stainless Trim • MSS SP-110 • Silicon Performance Bronze™ Alloy •
NSF/ANSI-61-8 Commercial Hot 180°F (includes Annex F and G) and NSF/ANSI-372

Size Range: 1/4" - 2"

Pressure Rating: 600 PSI CWP

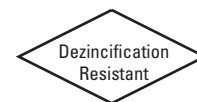
Maximum Temperature: 300° F

Lead-Free* markings:

Double oval in body casting, white handle and blue hang tag



NSF/ANSI 61
NSF/ANSI 372



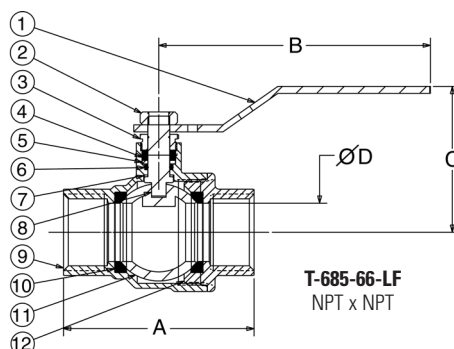
T-685-66-LF
Threaded



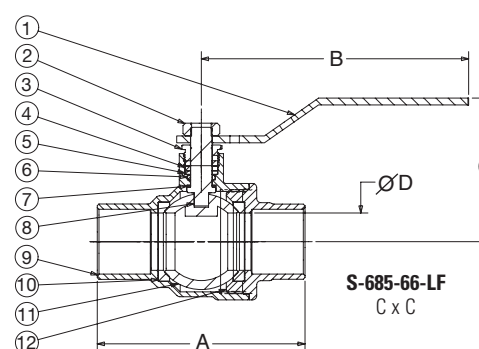
S-685-66-LF
Solder

MATERIAL LIST

PART	SPECIFICATION
1. Handle	Steel, Plated
2. Nut, Handle	Steel, Plated
3. Pack Gland	Brass ASTM B16 Alloy C36000
4. Packing, Stem	Virgin PTFE
5. Washer, Flat	Stainless Steel ASTM A240 Alloy S43000
6. O-Ring (Stem Seal)	EPDM
7. Washer, Thrust	Reinforced PTFE
8. Stem	Stainless Steel ASTM A276 Type 316
9. Body	Silicon Bronze ASTM B283 Alloy C69300
10. Seat Ring	Virgin PTFE
11. Ball	Stainless Steel ASTM A276 Type 316 or ASTM A351 Type CF8M
12. End Piece	Silicon Bronze ASTM B283 Alloy C69300



T-685-66-LF
NPT x NPT



S-685-66-LF
C x C

DIMENSIONS—WEIGHTS—QUANTITIES

Dimensions											
		T-685-66-LF		S-685-66-LF		Port					
Size		A	A	B	C	D		T-685-66-LF	S-685-66-LF	Master	
In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.		Lbs. Kg.	Lbs. Kg.	Ctn.	Qty.
1/4 6	1.98 50	2.02 51	3.90 99	1.95 49	0.31 8	0.52 0.24	0.50 0.23	24			
3/8 10	1.98 50	2.02 51	3.90 99	1.95 49	0.38 10	0.49 0.22	0.46 0.21	24			
1/2 13	2.22 56	2.16 55	3.90 99	1.95 50	0.50 13	0.47 0.21	0.46 0.21	80			
3/4 19	2.66 68	2.94 75	4.66 118	2.30 58	0.75 19	0.70 0.32	0.69 0.31	60			
1 25	3.27 83	3.62 92	4.66 118	2.50 64	1.00 25	1.10 0.50	1.12 0.51	40			
1 1/4 32	3.56 90	3.97 101	6.69 170	3.07 78	1.25 32	1.69 0.77	1.66 0.75	4			
1 1/2 38	3.98 101	4.61 117	6.69 170	3.25 83	1.50 38	2.58 1.17	2.71 1.23	2			
2 50	4.52 115	5.63 143	6.69 170	3.55 90	2.00 51	4.37 1.98	4.62 2.10	8			

*Lead Free refers to the 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 and other equivalent state regulations.