

# Lead-Free\* Three Piece Bronze Ball Valves

**Features:** Silicon Performance Bronze® Alloy • Three-Piece Body • Full Port • 316SS Trim • Blowout-Proof Stem • Vented Ball

**Approvals:** MSS SP-110 • NSF/ANSI-61-8 Commercial Hot 180°F (includes annex F and G) and NSF/ANSI-372

**Size range:** 1/4" - 2-1/2"

**Pressure rating:** 600 PSI non-shock cold working pressure

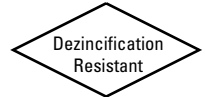
**Maximum pressure / temperature:** 100 PSI at 300° F

Lead-free\* markings:

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



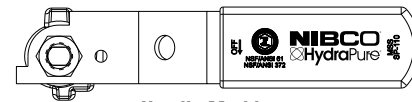
NSF/ANSI 61  
NSF/ANSI 372



**T-595-Y-66-LF**  
Threaded



**S-595-Y-66-LF**  
Solder

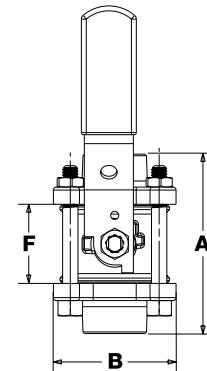
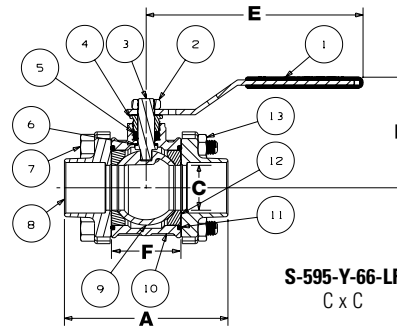
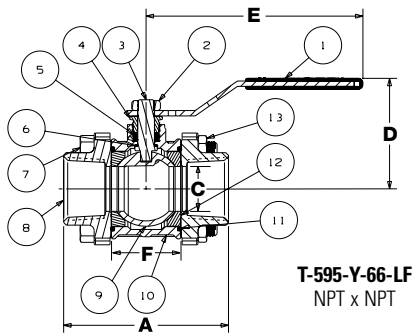


Handle Markings

## MATERIAL LIST

PART	SPECIFICATION
1. Handle	Steel, Plated Plastisol Coated
2. Handle Nut	Stainless Steel 300 Series
3. Stem	Stainless Steel ASTM A276 Type 316
4. Threaded Pack Gland	Brass ASTM B16 Alloy C36000
5. Packing	PTFE
6. Thrust Washer	Reinforced PTFE
7. Body Bolts	Zinc Dichromate Plated Steel ASTM A449 Grade 5
8. Body End (2)	Silicon Bronze ASTM B584 Alloy C87850
9. Ball (Vented)	Stainless Steel ASTM A276 Type 316
10. Body	Silicon Bronze ASTM B584 Alloy C87850
11. O-Ring Seal (2)	FKM
12. Seat Ring (2)	PTFE
13. Body Nuts	Zinc Dichromate Plated Steel ASTM A449 Grade 5

Note: valves are static grounded by a grounding washer (not shown).



## DIMENSIONS—WEIGHTS—QUANTITIES

Size	T-595-Y-66-LF		S-595-Y-66-LF		Dimensions								T-595-SS-Y-LF		S-595-Y-66-LF		Master Ctn. Qty.			
	In.	mm.	In.	mm.	A	B	C	D	E	F	Lbs.	Kg.	Lbs.	Kg.						
1/4	8	2.50	64	1.69	43	1.81	46	.38	10	1.69	43	3.91	99	1.13	29	1.03	.47	.89	.40	50
3/8	10	2.50	64	1.81	46	1.81	46	.38	10	1.69	43	3.91	99	1.13	29	.98	.44	.89	.40	50
1/2	15	2.50	64	2.06	52	1.81	46	.50	13	1.69	43	3.91	99	1.13	29	1.03	.47	.89	.40	50
3/4	20	3.00	76	2.94	75	1.94	49	.75	19	2.00	51	4.66	118	1.44	37	1.70	.77	1.59	.72	30
1	25	3.69	94	3.66	93	2.50	64	1.00	25	2.25	57	4.66	118	1.84	47	2.82	1.28	2.55	1.15	20
1 1/4	32	4.09	104	3.91	99	2.69	68	1.25	32	2.75	70	6.69	170	1.97	50	3.96	1.80	3.61	1.64	10
1 1/2	40	4.56	116	4.60	117	3.00	76	1.50	38	2.97	75	6.69	170	2.38	60	5.68	2.57	5.31	2.41	10
2	50	6.16	156	5.78	147	4.00	102	2.00	51	3.63	92	6.69	170	3.06	78	11.40	5.17	10.60	4.81	4
2 1/2	65	6.84	174	6.94	176	5.00	127	2.50	64	4.09	104	8.00	203	4.00	102	21.07	9.56	19.30	8.75	2

\*Weighted average lead content ≤ 0.25%