

# Bronze Ball Valves

Three-Piece Body • Full Port • 316SS Internal Trim • 300 Series • External Trim • Blowout-Proof Stem • Vented Ball

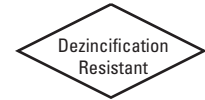
**600 PSI/41.4 bar non-shock cold working pressure**  
**150 PSI/10.3 bar saturated steam\***

CONFORMS TO MSS SP-110

## MATERIAL LIST

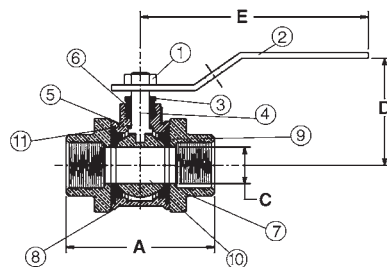
PART	SPECIFICATION
1. Handle Nut	300 Series Stainless Steel
2. Handle	300 Series Stainless Steel with Plastisol Grip
3. Threaded Pack Gland	Brass ASTM B 16 Alloy C36000
4. Stem	Stainless Steel ASTM A 276 Type 316
5. Body	Bronze ASTM B 584 Alloy C84400
6. Packing	PTFE
7. Body End (2)	Cast Bronze ASTM B 584 Alloy C84400
8. O-Ring Seal (2)	Fluorocarbon Rubber
9. Seat Ring (2)	PTFE
10. Ball (Vented)	Stainless Steel ASTM A 276 Type 316 or ASTM A 351 Type CF8M
11. Thrust Washer	Reinforced PTFE
12. Body Bolts	300 Series Stainless Steel
13. Body Nuts	300 Series Stainless Steel

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

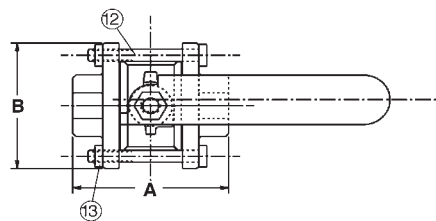


**T-595-Y-66-SS**

Threaded



**T-595-Y-66-SS**  
NPT x NPT



## DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions										T-595-Y-66-SS		Master Ctn. Qty.	
	A		B		C		D		E		Lbs.	Kg.		
In. mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.				
1/4	8	2.50	64	1.81	46	.38	10	1.69	43	3.91	99	1.03	.47	50
3/8	10	2.50	64	1.81	46	.38	10	1.69	43	3.91	99	.98	.44	50
1/2	15	2.50	64	1.81	46	.50	13	1.69	43	3.91	99	1.03	.47	50
3/4	20	3.00	76	1.94	49	.75	19	2.00	51	4.66	118	1.70	.77	30
1	25	3.69	94	2.50	64	1.00	25	2.25	57	4.66	118	2.82	1.28	20
1 1/4	32	4.09	104	2.69	68	1.25	32	2.75	70	6.69	170	3.96	1.80	10
1 1/2	40	4.56	116	3.00	76	1.50	38	2.97	75	6.69	170	5.68	2.57	10
2	50	6.16	156	4.00	102	2.00	51	3.63	92	6.69	170	11.40	5.17	4
2 1/2	65	6.84	174	5.00	127	2.50	64	4.09	104	8.00	203	21.07	9.56	2

\*For detailed operating pressure, refer to pressure temperature chart on page 41.

**WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Visit our website for the most current information.