

Bronze Ball Valves

Three-Piece Body • Full Port 1/4"-1" • Conventional Port 1 1/4"-3" •
UL Listed for Flammable Liquids • Blowout-Proof Stem

175 PSI/12.1 Bar Non-Shock LP Gas per UL842

CONFORMS TO MSS SP-110 • UL842

MATERIAL LIST

PART	SPECIFICATION
1. Handle Nut	Zinc Plated Steel
2. Handle	Zinc Plated Steel Clear Chromate Plastisol Coated
3. Threaded Pack Gland	Brass ASTM B 16 Alloy C36000
4. Stem	Silicon Bronze ASTM B 371 Alloy C69430 or ASTM B 99 Alloy C65100
5. Body	Bronze ASTM B 584 Alloy C84400
6. Packing	PTFE
7. Body End (2)	Bronze ASTM B 584 Alloy C84400
8. O-Ring Seal (2)	Fluorocarbon Rubber
9. Seat Ring (2)	PTFE
10. Ball	Brass ASTM B 124 Alloy C37700 or ASTM B16 Alloy C36000 EACH with Hard Chrome Plate
11. Thrust Washer	Reinforced PTFE
12. Body Bolts	Zinc Dichromate Plated Steel ASTM A 449 Grade 5
13. Body Nuts	Zinc Dichromate Plated Steel ASTM A 449 Grade 5

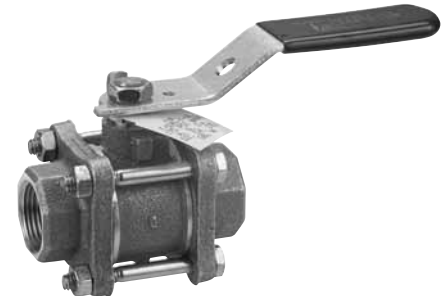
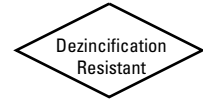
Note: Valves are static grounded by a grounding washer. (Not Shown)

UL Listed For:

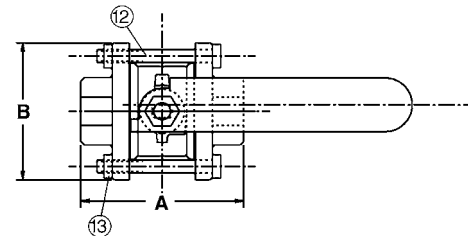
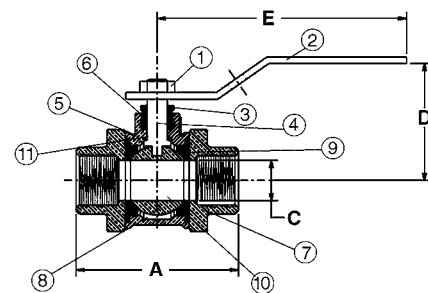
YQNZ Compressed gas shut-off
YRPV Gas shut-off
YRBX Flammable liquid shut-off
MHKZ Manual valves

Service

A - Air or non-toxic, non-flammable gas
G - City gas supplied by public utilities
GA - Gasoline
LP - Liquefied petroleum gas, 175 PSI max.
02 - No. 1 and 2 fuel oil
04 - No. 4 fuel oil
05 - No. 5 fuel oil
06 - No. 6 fuel oil



T-590-Y-UL
Threaded



T-590-Y-UL
NPT x NPT

DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions								Master Ctn. Qty.
	A	B	C	D	E				
In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	Lbs.	Kg.		
† 1/4 8	2.50 64	1.81 46	.38 10	1.06 27	3.90 99	.94	.43	50	
† 3/8 10	2.50 64	1.81 46	.38 10	1.06 27	3.90 99	.94	.43	50	
† 1/2 15	2.50 64	1.81 46	.50 13	1.06 27	3.90 99	1.01	.47	50	
† 3/4 20	3.00 76	1.94 49	.75 19	2.00 51	4.66 118	1.73	.79	30	
† 1 25	3.69 94	2.50 64	1.00 25	2.25 57	4.66 118	2.75	1.25	20	
1 1/4 32	3.69 94	2.50 64	1.00 25	2.25 57	4.66 118	2.65	1.20	20	
1 1/2 40	4.09 104	2.69 68	1.25 32	2.75 70	6.69 170	3.77	1.71	10	
2 50	4.56 116	3.00 76	1.50 38	2.97 75	6.69 170	5.78	2.62	10	
2 1/2 65	6.16 156	4.00 102	2.00 51	3.63 92	6.69 170	10.75	4.88	4	
3 80	6.90 175	5.00 127	2.50 64	4.09 104	8.00 203	19.14	8.68	2	

†NIBCO supplies full port T-595-Y-UL on this size.

