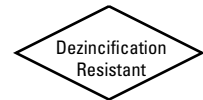


Bronze Ball Valves

Three-Piece Body • Full Port • Thread x Solder End Connections •
Blowout-Proof Stem



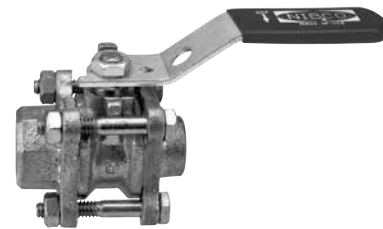
600 PSI/41.4 bar non-shock cold working pressure
150 PSI/10.3 bar saturated steam*

CONFORMS TO MSS SP-110

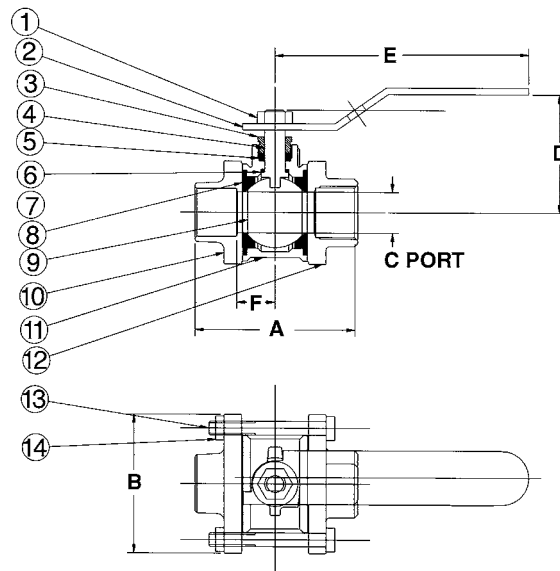
MATERIAL LIST

PART	SPECIFICATION
1. Handle Nut	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. Packing	PTFE
6. Thrust Washer	Reinforced PTFE
7. O-Ring Seal (2)	Fluorocarbon Rubber
8. Seat Ring (2)	PTFE
9. Ball	Brass ASTM B 124 Alloy C37700 or ASTM B16 Alloy C36000 EACH with Hard Chrome Plate
10. Solder Body End	Cast Bronze ASTM B 584 Alloy C84400
11. Body	Bronze ASTM B 584 Alloy C84400
12. Threaded Body End	Bronze ASTM B 584 Alloy C84400
13. Body Bolts (4)	Zinc Dichromate Plated Steel ASTM A 449 Grade 5
14. Body Nuts (4)	Zinc Dichromate Plated Steel

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



TS-595-Y
Threaded x Solder



TS-595-Y
C x NPT

DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions						TS-595-Y Lbs.	Box Kg.	Master Qty.	Master Ctn. Qty.
	A	B	C	D	E	F				
In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.			
1/4 8	2.09 53	1.81 46	.38 10	1.69 43	3.90 99	.56 14	.94	.43	5	50
3/8 10	2.16 55	1.81 46	.38 10	1.69 43	3.90 99	.56 14	.94	.43	5	50
1/2 15	2.28 58	1.81 46	.50 13	1.69 43	3.90 99	.56 14	1.01	.47	5	50
3/4 20	2.97 75	1.94 49	.75 19	2.00 51	4.66 118	.72 18	1.73	.79	5	30
1 25	3.67 93	2.50 64	1.00 25	2.25 57	4.66 118	.92 23	2.75	1.25	5	20
1 1/4 32	3.97 101	2.69 68	1.25 32	2.75 70	6.69 170	.98 24	3.90	1.77	2	10
1 1/2 40	4.57 116	3.00 76	1.50 38	2.97 75	6.69 170	1.19 30	5.50	2.49	2	10
2 50	5.97 152	4.00 102	2.00 51	3.63 92	6.69 170	1.54 39	10.27	4.66	2	4

*For detailed operating pressure, refer to pressure temperature chart on page 42.

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