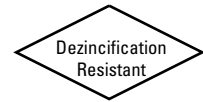


Bronze Ball Valves

three-piece body • full port • bronze trim • blowout-proof stem



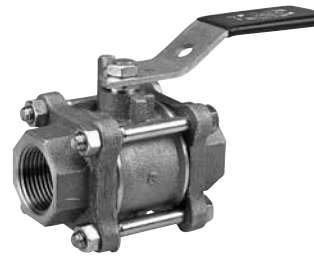
600 PSI/41.4 bar non-shock cold working pressure
150 PSI/10.3 bar saturated steam♦

CONFORMS TO MSS SP-110

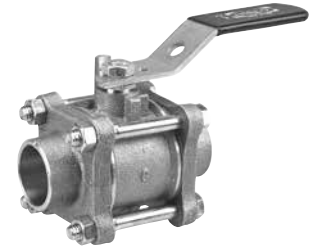
MATERIAL LIST

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. 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

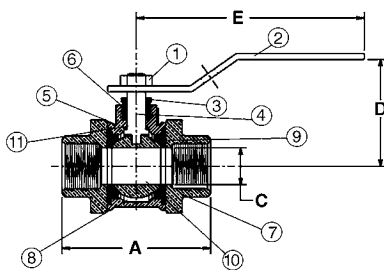
Note: valves are static grounded by a grounding washer. (not shown)



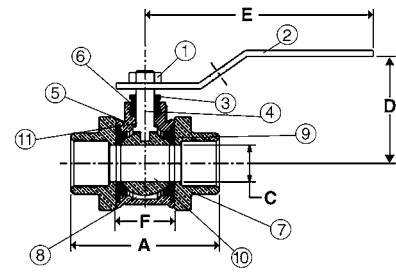
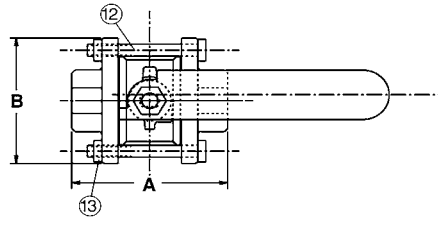
T-595-Y
Threaded



S-595-Y
Solder



T-595-Y
NPT x NPT



S-595-Y
C x C

DIMENSIONS—WEIGHTS—QUANTITIES

Size	T-595-Y		S-595-Y		Dimensions								S-595-Y		Master
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	Lbs. Kg.	Lbs. Kg.	Ctn. Qty.
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	.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	.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	.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 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 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 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 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 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 2					

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