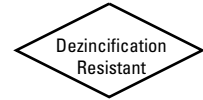


Bronze Ball Valves

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 ◆

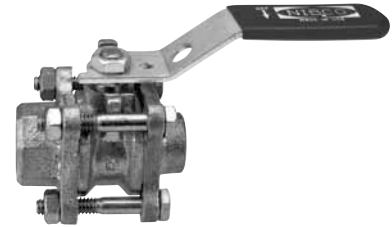


CONFORMS TO MSS SP-110

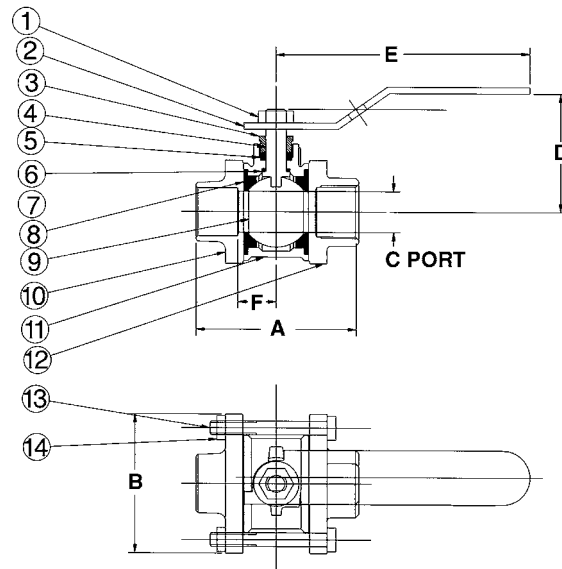
MATERIAL LIST

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

Dimensions - Metric - Examples																	
Size		Dimensions												TS-595-Y		Box	Master
		A		B		C		D		E		F					
In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	Lbs.	Kg.	Qty.	Ctn. Qty.
¼	8	2.09	53	1.81	46	.38	10	1.69	43	3.90	99	.56	14	.94	.43	5	50
⅜	10	2.16	55	1.81	46	.38	10	1.69	43	3.90	99	.56	14	.94	.43	5	50
½	15	2.28	58	1.81	46	.50	13	1.69	43	3.90	99	.56	14	1.01	.47	5	50
¾	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 ¼	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 ½	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 41.