

Lead-Free* Three Piece Ball Valves

Three-Piece Body • Full Port • Blowout-Proof Stem •

MSS SP-110 • Silicon Performance Bronze™ Alloy •

NSF/ANSI-61-8 Commercial Hot 180°F (includes Annex F and G) and NSF/ANSI-372

Size Range: 1/4" - 2 1/2"

Pressure Rating: 600 PSI CWP

Maximum Temperature: 300° F

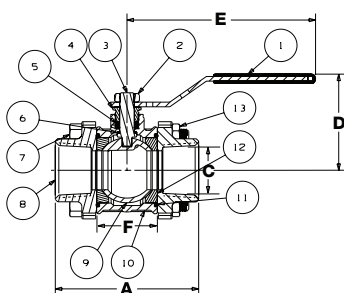
Lead-Free* markings:

Double oval in body casting, white handle and blue hang tag

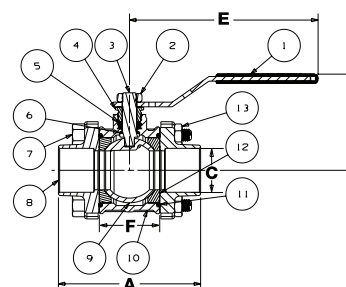
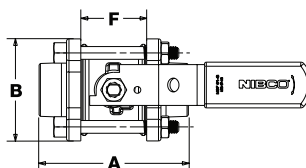
MATERIAL LIST

PART	SPECIFICATION
1. Handle	Zinc Plated Steel Clear Chromate Plastisol Coated
2. Handle Nut	Zinc Plated Steel
3. Stem	Silicon Bronze ASTM B371 Alloy C69430
4. Threaded Pack Gland	Brass ASTM B16 Alloy C36000
5. Packing	PTFE
6. Thrust Washer	Reinforced PTFE
7. Body Bolts	Zinc Dichromate Plated Steel ASTM A449 Grade 5
8. Body End (2)	Silicon Bronze ASTM B584 Alloy C87850
9. Ball	Silicon Bronze ASTM B283 Alloy C69300 or Stainless Steel ASTM A276 Type 316
10. Body	Silicon Bronze ASTM B584 Alloy C87850
11. O-Ring Seal (2)	FKM
12. Seat Ring (2)	PTFE
13. Body Nuts	Zinc Dichromate Plated Steel ASTM A449 Grade 5

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



T-595-Y-LF
NPT x NPT



S-595-Y-LF
C x C

DIMENSIONS—WEIGHTS—QUANTITIES

DIMENSIONS - METRIC - CONTINUED																				
Size		T-595-Y-LF		S-595-Y-LF		Dimensions								T-595-Y-LF		S-595-Y-LF		Master		
		A		A		B		C		D		E								F
In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	Lbs.	Kg.	Lbs.	Kg.	Ctn. Qty.
¼	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	50
⅜	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	50
½	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	50
¾	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
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
1¼	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
1½	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
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
2½	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

*Lead Free refers to the wetted surface of pipe, fittings and fixtures in potable water systems that have a weighted average lead content ≤ 0.25% per the Safe Drinking Water Act (Sec. 1417) amended 1-4-2011 and other equivalent state regulations.