

Bronze Ball Valves

Three-Piece Body • Conventional Port • Grooved Ends •
Bronze Trim • Blowout-Proof Stem

600 PSI/41.4 Bar Non-Shock Cold Working Pressure

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

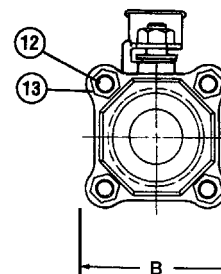
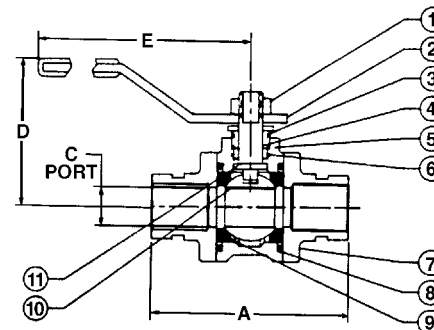
Note: Valves are static grounded by a grounding washer. (Not Shown)

Dezincification
Resistant



G-590-Y

Grooved



G-590-Y
GRVD x GRVD

DIMENSIONS—WEIGHTS—QUANTITIES

Size		Dimensions										G-590-Y		Master Ctn.	Qty.
		A		B		C		D		E					
In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	Lbs.	Kg.		
1 ½	40	5.37	144	2.37	68	1.25	32	2.75	70	6.69	170	4.20	1.91	10	
2	50	5.87	149	3.00	76	1.50	38	2.97	75	6.69	170	6.14	2.79	10	
2 ½	65	6.64	169	4.00	102	2.00	51	3.62	92	6.69	170	10.80	4.91	4	
3	80	7.78	198	5.00	127	2.50	64	4.09	104	6.69	170	19.01	8.64	2	