

# Class 300 Bronze Globe Valves

Union Bonnet • Replaceable Seat and Full Plug Disc

**300 PSI/20.7 bar saturated steam to 421° F/216° C**  
**600 PSI/41.4 bar non-shock cold working pressure**

CONFORMS TO MSS SP-80



**T-276-AP**  
Threaded

## MATERIAL LIST

PART	SPECIFICATION
1. Handwheel Nut	300 Series Stainless Steel
2. Identification Plate	Aluminum
3. Handwheel	Malleable Iron ASTM A 47
4. Stem	Silicon Bronze ASTM B 371 Alloy C69400/C69430
5. Packing Gland	Bronze ASTM B 62 or ASTM B584 Alloy C84400 or Brass ASTM B16
6. Packing Nut	Bronze ASTM B 62 or ASTM B584 Alloy C84400 or Brass ASTM B 16
7. Packing	Aramid Fibers with Graphite
8. Bonnet	Bronze ASTM B 61
9. Union Nut	Bronze ASTM B 61
10. Body	Bronze ASTM B 61
11. Disc Holder Nut	Bronze ASTM B 61
12. Plug Disc	S42000 Stainless Steel ASTM A276 Hardened
13. Plug Seat Ring	S42000 Stainless Steel ASTM A276 Hardened

## DIMENSIONS—WEIGHTS—QUANTITIES

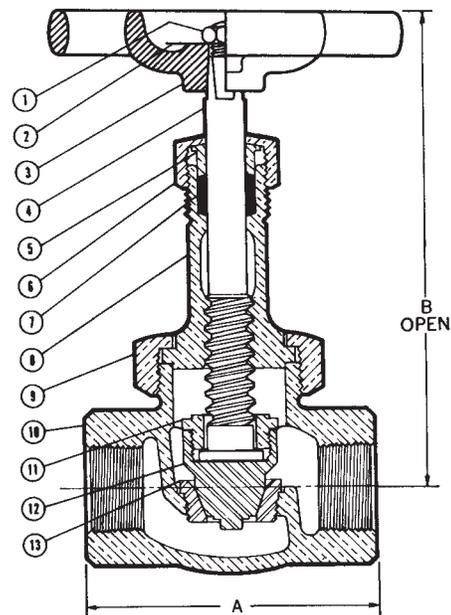
Size	Dimensions				Weight		Master Ctn. Qty.
	A		B		Lbs.	Kg.	
In. mm.	In.	mm.	In.	mm.			
† ¼ 8†	2.63	67	4.44	113	1.34	0.61	50
† ⅜ 10†	2.63	67	4.44	113	1.35	0.61	50
½ 15	2.69	68	4.88	124	1.82	0.83	30
¾ 20	3.38	86	5.75	146	2.88	1.30	20
1 25	4.00	102	7.00	178	4.77	2.16	10
1¼ 32	4.63	118	7.63	194	6.96	3.16	10
1½ 40	5.00	127	7.69	195	8.41	3.81	6
2 50	6.00	153	9.25	235	13.41	6.08	4
2½ 65	6.63	168	10.19	259	17.59	7.98	2
3 80	7.75	197	11.13	283	24.55	11.13	2

† No packing gland, packing only in these sizes.

**FREEZING WEATHER PRECAUTION:** Subsequent to testing a piping system, valves should be left in an open position to allow complete drainage.

◆ For detailed Operating Pressure, refer to Pressure Temperature Chart on page 116.

**WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



**T-276-AP**  
NPT x NPT  
Full Plug

Visit our website for the most current information.