

Bronze Globe Valves Illustrated Index

Dezincification
Resistant

Bronze Globe Valve
Screw-in Bonnet
125 lb. SWP
200 lb. CWP



T or S-211-B or Y
Bronze or PTFE Disc
Sizes 1/8" thru 3"
Threaded or Solder Ends
Page 20

Bronze Globe Valve
Union Bonnet
150 lb. SWP
300 lb. CWP



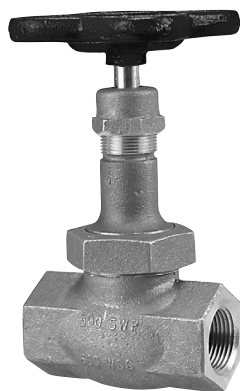
T or S-235-Y
PTFE Disc
Sizes 1/8" thru 3"
Threaded or Solder Ends
Page 21

Bronze Globe Valve
Union Bonnet
200 lb. SWP
400 lb. CWP



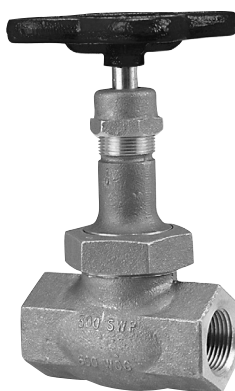
T-256-AP
Hardened Stainless Steel Full-plug Disc and Seat
Sizes 1/4" thru 3"
Threaded Ends
Page 22

Bronze Globe Valve
Union Bonnet
300 lb. SWP
600 lb. CWP



T-275-B or Y
Bronze or PTFE Disc
Sizes 1/8" thru 3"
Threaded Ends
Page 23

Bronze Globe Valve
Union Bonnet
300 lb. SWP
600 lb. CWP



T-276-AP
Hardened Stainless Steel Full-plug Disc and Seat
Sizes 1/4" thru 3"
Threaded Ends
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Visit our website for the most current information.

Class 125 Bronze Globe Valves

Screw-In Bonnet • Integral Seat • Renewable Seat Disc

125 PSI/8.6 bar saturated steam to 353° F/178° C
200 PSI/13.8 bar non-shock cold working pressure

CONFORMS TO MSS SP-80

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 B16
7. Packing	Aramid Fibers with Graphite
8. Bonnet	Bronze ASTM B 62
9. Disc Holder Nut	Bronze ASTM B 140 Alloy C31400 or B 62
*10. Disc Holder	Bronze ASTM B 62
*11. Seat Disc	Water, Oil or Gas Steam (PTFE) (Y)
*11a. Seat Disc	Bronze ASTM B 62 (B)
*12. Disc Nut	Bronze ASTM B 62/ASTM B 98 Alloy C65100 w/SS Washer
13. Body	Bronze ASTM B 62

Note: S-211 not available with (B) Disc.

* The Bronze Disc does not require a Disc Nut. When converting from (B) Disc to (Y) Disc, order Disc Nut (12) and Disc Holder (10) and proper disc (11).

DIMENSIONS—WEIGHTS—QUANTITIES

Dimensions												Master Ctn. Qty.	
Size		A		B		C		T-211		S-211		T-211	S-211
In.	mm.	In.	mm.	In.	mm.	In.	mm.	Lbs.	Kg.	Lbs.	Kg.	T-211	S-211
*1/8†	6	2.38	60	3.38	86	1.81	46	1.01	0.46	0.98	0.44	50	50
*1/4†	8	2.38	60	3.38	86	1.81	46	1.00	0.45	0.94	0.43	50	50
*3/8†	10	2.38	60	3.38	86	1.81	46	0.98	0.45	0.93	0.42	50	50
*1/2†	15	2.56	65	3.38	86	1.69	43	1.03	0.47	0.95	0.43	50	50
3/4	20	3.06	78	4.88	124	2.25	57	1.73	0.79	1.80	0.82	30	30
1	25	3.69	94	5.69	145	2.81	72	2.85	1.29	2.87	1.30	20	20
1 1/4	32	4.31	110	6.13	156	3.06	78	3.79	1.72	3.55	1.61	10	10
1 1/2	40	4.69	119	7.38	187	3.56	91	5.90	2.68	5.70	2.58	10	10
2	50	5.63	143	7.94	202	4.44	113	8.68	3.94	8.91	4.04	6	4
2 1/2	65	6.63	168	10.19	259	5.25	133	15.40	6.98	15.92	7.22	2	2
3	80	7.75	197	11.19	284	6.50	165	22.44	10.18	21.32	9.67	2	2

* Stem and Disc (or Disc Holder) are integral.

† 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.

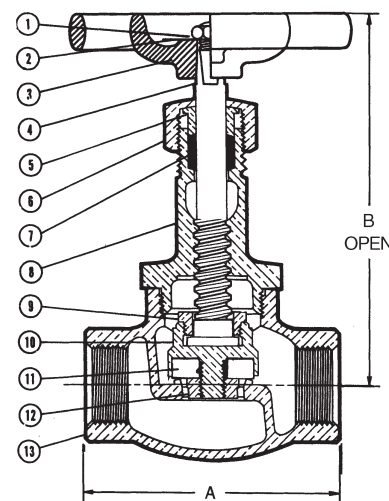
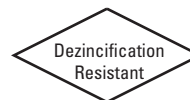
♦ For detailed Operating Pressure, refer to Pressure Temperature Chart on page 114.



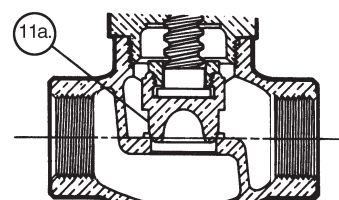
T-211
Threaded



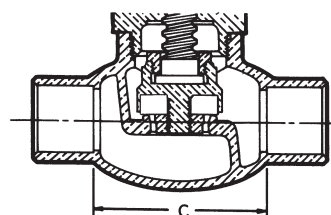
S-211
Solder



T-211-Y
NPT x NPT



T-211-B
NPT x NPT



S-211-Y
C x C

Visit our website for the most current information.

Class 150 Bronze Globe Valves

Union Bonnet • Integral Seat • Renewable Seat Disc

150 PSI/10.3 bar saturated steam to 366°F/185°C

300 PSI/20.7 bar non-shock cold working pressure

CONFORMS TO MSS SP-80

MATERIAL LIST

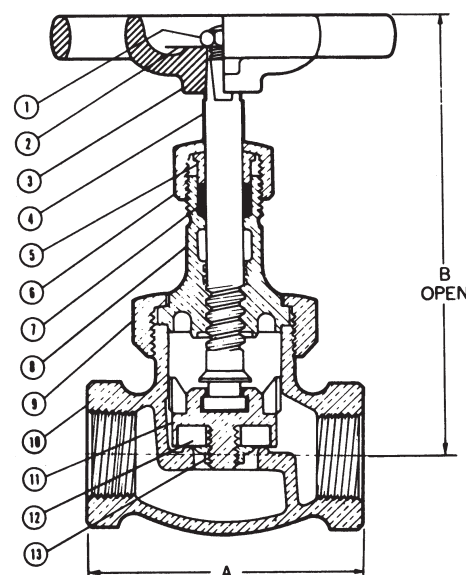
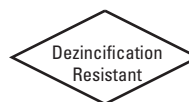
PART	SPECIFICATION
1. Handwheel Nut	300 Series Stainless Steel
2. Identification Plate	Aluminum
3. Handwheel	Malleable Iron ASTM A 47
4. Stem	Silicon Bronze ASTM B 371 Alloy C69400/C69430
5. Packing Gland	Bronze ASTM B 62 or ASTM B584 Alloy C84400 or Brass ASTM B16
6. Packing Nut	Bronze ASTM B 62 or ASTM B584 Alloy C84400 or Brass ASTM B16
7. Packing	Aramid Fibers with Graphite
8. Bonnet	Bronze ASTM B 62
9. Union Nut	Bronze ASTM B 62
10. Body	Bronze ASTM B 62
11. Disc Holder	Bronze ASTM B 62
12. Disc	Steam (PTFE) (Y)
13. Disc Nut	Bronze ASTM B 62/ASTM B 98 Alloy C65100 w/SS Washer



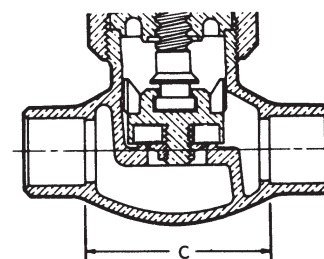
T-235-Y
Threaded



S-235-Y
Solder



T-235-Y
NPT x NPT



S-235-Y
C x C

DIMENSIONS—WEIGHTS—QUANTITIES

DIMENSIONS WEIGHING CAPABILITY													
Size		Dimensions						T-235-Y		S-235-Y		Master	
		A		B		C						Ctn. Qty.	
In.	mm.	In.	mm.	In.	mm.	In.	mm.	Lbs.	Kg.	Lbs.	Kg.	T-235-Y	S-235-Y
† 1/8	6	2.31	59	3.88	99	2.00	51	1.21	0.55	1.06	0.48	50	50
† 1/4	8	2.31	59	3.88	99	1.88	48	1.19	0.54	1.05	0.48	50	50
† 3/8	10	2.38	60	3.88	99	1.75	45	1.17	0.53	1.03	0.47	50	50
1/2	15	2.69	68	4.63	118	1.88	48	1.60	0.73	1.38	0.62	40	50
3/4	20	3.19	81	5.38	137	2.31	59	2.34	1.06	2.21	1.00	20	20
1	25	3.75	95	6.00	153	2.88	73	3.56	1.61	3.35	1.52	10	20
1 1/4	32	4.25	108	6.56	167	3.13	79	5.76	2.61	4.93	2.23	10	10
1 1/2	40	4.75	121	7.38	187	3.75	95	7.59	3.44	7.17	3.25	6	10
2	50	5.75	146	8.31	211	4.50	114	12.56	5.70	11.02	5.00	4	4
2 1/2	65	6.63	168	10.19	259	5.38	137	17.44	7.91	17.16	7.79	2	2
3	80	7.75	197	11.13	283	6.50	165	23.87	10.83	22.82	10.35	2	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 114.

Visit our website for the most current information.

Class 200 Bronze Globe Valves

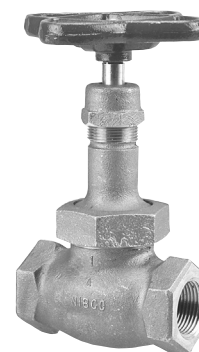
Union Bonnet • Replaceable Seat and Full Plug Disc

200 PSI/13.8 bar saturated steam to 391° F/201° C
400 PSI/27.6 bar non-shock cold working pressure

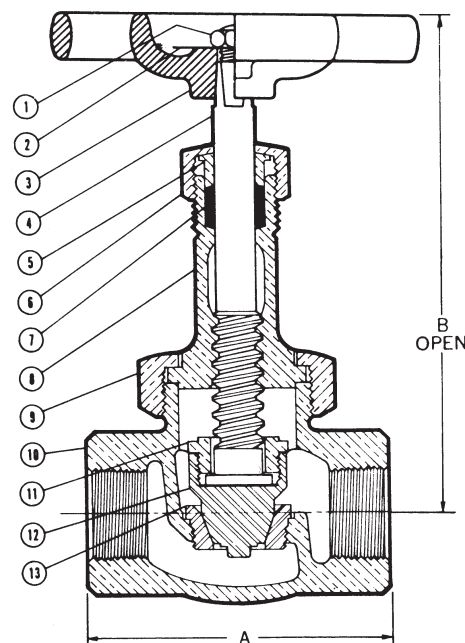
CONFORMS TO MSS SP-80

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 A 276 Hardened
13. Plug Seat Ring	S42000 Stainless Steel ASTM A276 Hardened


T-256-AP

Threaded

 Dezincification
Resistant

T-256-AP

NPT x NPT

Full Plug

DIMENSIONS—WEIGHTS—QUANTITIES

Size		Dimensions				Weight		Master Ctn. Qty.
		A		B				
In.	mm.	In.	mm.	In.	mm.	Lbs.	Kg.	
†1¼	8	2.63	67	4.44	113	1.37	0.62	50
†¾	10	2.63	67	4.44	113	1.33	0.60	50
½	15	2.69	68	4.88	124	1.83	0.83	30
¾	20	3.38	86	5.75	146	2.76	1.25	20
1	25	4.00	102	7.00	178	4.71	2.13	10
1¼	32	4.63	118	7.63	194	6.61	3.00	10
1½	40	5.00	127	7.69	195	8.01	3.63	6
2	50	6.00	153	9.25	235	12.89	5.85	4
2½	65	6.63	168	10.19	259	17.74	8.04	2
3	80	7.75	197	11.125	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 114.

Visit our website for the most current information.

Class 300 Bronze Globe Valves

Union Bonnet • Integral Seat • Renewable Seat Disc

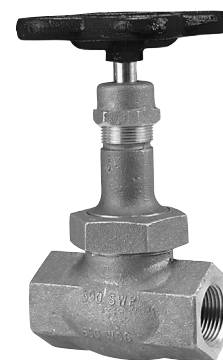
300 PSI/20.7 bar saturated steam to 421°F/216°C

600 PSI/41.4 bar non-shock cold working pressure

CONFORMS TO MSS SP-80

MATERIAL LIST

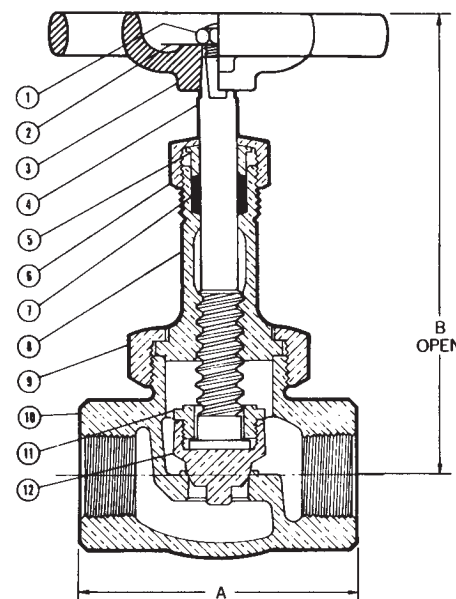
PART	SPECIFICATION
1. Handwheel Nut	300 Series Stainless Steel
2. Identification Plate	Aluminum
3. Handwheel	Malleable Iron ASTM A 47
4. Stem	Silicon Bronze ASTM B 371 Alloy C69400/C69430
5. Packing Gland	Bronze ASTM B 62 or ASTM B584 Alloy C84400 or Brass ASTM B16
6. Packing Nut	Bronze ASTM B 62 or ASTM B584 Alloy C84400 or Brass ASTM B16
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. Seat Disc	Bronze ASTM B 61 (B)Steam (PTFE) (Y)
13. Seat Disc Nut	Bronze ASTM B 61 w/SS Washer
14. Disc Holder	Bronze ASTM B 62



T-275

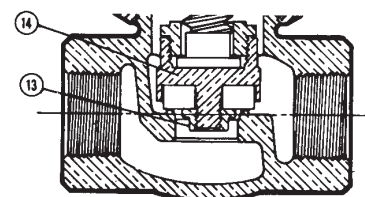
Threaded

Dezincification
Resistant



T-275-B

NPT x NPT
Semi-Plug



T-275-Y

NPT x NPT
Seat Disc

DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions				Weight		Master Ctn. Qty.
	In.	mm.	In.	mm.	Lbs.	Kg.	
† 1/8	6	2.63	67	4.44	1.38	0.62	50
† 1/4	8	2.63	67	4.44	1.37	0.62	50
† 3/8	10	2.63	67	4.44	1.32	0.60	50
1/2	15	2.69	68	4.88	1.82	0.83	30
3/4	20	3.38	86	5.75	2.84	1.29	20
1	25	4.00	102	7.00	4.80	2.18	10
1 1/4	32	4.63	118	7.63	7.03	3.19	10
1 1/2	40	5.00	127	7.69	8.34	3.78	6
2	50	6.00	153	9.25	13.65	6.19	4
2 1/2	65	6.63	168	10.19	17.39	7.89	2
3	80	7.75	197	11.13	23.69	10.75	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 114.

Visit our website for the most current information.

Class 300 Bronze Globe Valves

Union Bonnet • Replaceable Seat and Full Plug Disc

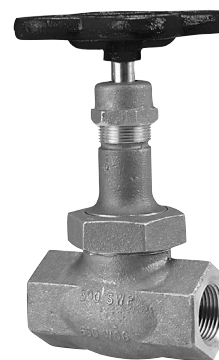
300 PSI/20.7 bar saturated steam to 421° F/216° C

600 PSI/41.4 bar non-shock cold working pressure

CONFORMS TO MSS SP-80

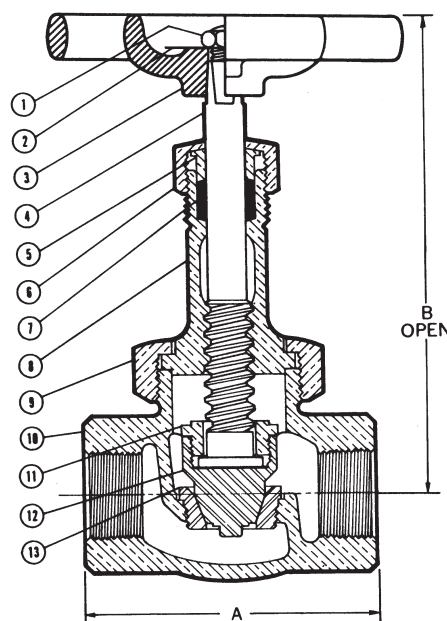
MATERIAL LIST

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



T-276-AP
Threaded

Dezincification
Resistant



T-276-AP
NPT x NPT
Full Plug

DIMENSIONS—WEIGHTS—QUANTITIES

Size		Dimensions				Weight		Master Ctn. Qty.
		A		B				
In.	mm.	In.	mm.	In.	mm.	Lbs.	Kg.	
† 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
1 ¼	32	4.63	118	7.63	194	6.96	3.16	10
1 ½	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
2 ½	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 114.

Visit our website for the most current information.