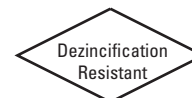


Bronze Angle Valves Illustrated Index



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



T or S-311-Y
PTFE Disc
Sizes 1/4" thru 3"
Threaded or Solder Ends
Page 26

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



T-335-Y
PTFE Disc
Sizes 1/8" thru 3"
Threaded Ends
Page 27

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



T-375-B or Y
Bronze or PTFE Disc
Sizes 1/4" thru 3"
Page 28

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



T-376-AP
Hardened Stainless Steel Full-plug Disc and Seat
Sizes 1/4" thru 2"
Page 29

Visit our website for the most current information.

Class 125 Bronze Angle 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 B 16
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 62
*9. Disc Holder Nut	Bronze ASTM B 62 or B 140 Alloy C31400
10. Disc Holder	Bronze ASTM B 62
11. Seat Disc	Steam (PTFE) (Y)
12. Seat Disc Nut	Bronze ASTM B 62 w/SS Washer
13. Body	Bronze ASTM B 62

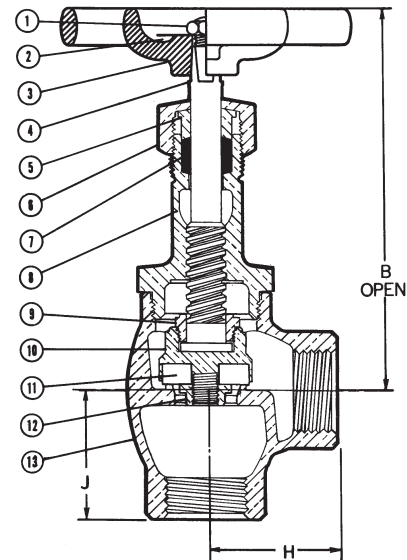
* 2½" and 3" are ASTM B 61



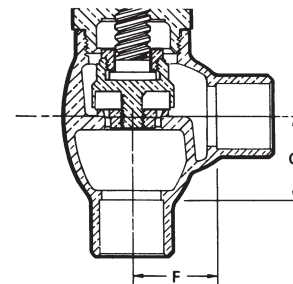
T-311-Y
Threaded



S-311-Y
Solder



T-311-Y
NPT x NPT



S-311-Y
C x C

DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions						T-311		S-311		Master Ctn. Qty.
	B		F & G		H & J		Lbs.	Kg.	Lbs.	Kg.	
In. mm.	In.	mm.	In.	mm.	In.	mm.					
*¼ 8 3.50 89 .94 24 1.19 30 0.98 0.44 0.82 0.37 50											
*⅜ 10 3.50 89 .88 22 1.19 30 0.93 0.42 0.82 0.37 50											
*½ 15 3.50 89 .88 22 1.31 33 1.01 0.46 0.95 0.43 30											
¾ 20 4.94 126 1.13 29 1.56 40 1.70 0.77 1.71 0.78 20											
1 25 5.75 146 1.44 37 1.88 48 2.82 1.28 2.79 1.27 10											
1¼ 32 6.13 156 1.50 38 2.19 51 3.76 1.70 3.77 1.71 10											
1½ 40 7.25 179 1.75 45 2.38 60 5.79 2.63 4.70 2.13 6											
2 50 8.13 206 2.16 55 2.81 72 8.76 3.97 8.73 3.96 4											
2½ 65 10.56 268 2.69 68 3.19 81 16.13 7.32 16.13 7.32 2											
3 80 11.19 284 3.25 83 3.88 99 21.72 9.85 21.32 9.67 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.

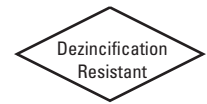
Visit our website for the most current information.

Class 150 Bronze Angle 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

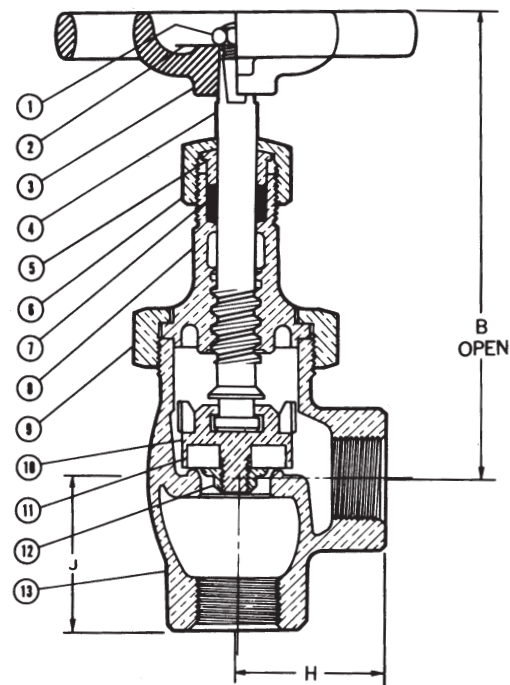
CONFORMS TO MSS SP-80



T-335-Y
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 B16
7. Packing	Aramid Fibers with Graphite
8. Bonnet	Bronze ASTM B 62
9. Union Nut	Bronze ASTM B 62
10. Disc Holder	Bronze ASTM B 62
11. Seat Disc	Steam (PTFE) (Y)
12. Disc Nut	Bronze ASTM B 62 w/SS Washer
13. Body	Bronze ASTM B 62



T-335-Y
NPT x NPT

DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions						Weight		Master Ctn. Qty.	
	In.	mm.	H In.	mm.	B In.	mm.	J In.	mm.		Lbs.
† 1/8	6	1.19	30	3.88	99	1.19	30	1.17	0.53	50
† 1/4	8	1.19	30	3.88	99	1.19	30	1.12	0.51	50
† 3/8	10	1.19	30	3.88	99	1.19	30	1.10	0.50	50
1/2	15	1.31	33	4.44	113	1.31	33	1.39	0.63	50
3/4	20	1.56	40	5.38	137	1.56	40	2.32	1.05	20
1	25	1.88	48	6.00	153	1.88	48	3.52	1.60	20
1 1/4	32	2.13	54	3.56	167	2.13	54	5.18	2.35	10
1 1/2	40	2.38	60	7.25	179	2.38	60	7.58	3.44	6
2	50	2.88	73	8.31	211	2.88	73	11.83	5.37	4
2 1/2	65	3.31	85	10.19	259	3.31	85	17.71	8.03	4
3	80	3.88	99	11.19	284	3.88	99	24.49	11.11	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 Angle 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

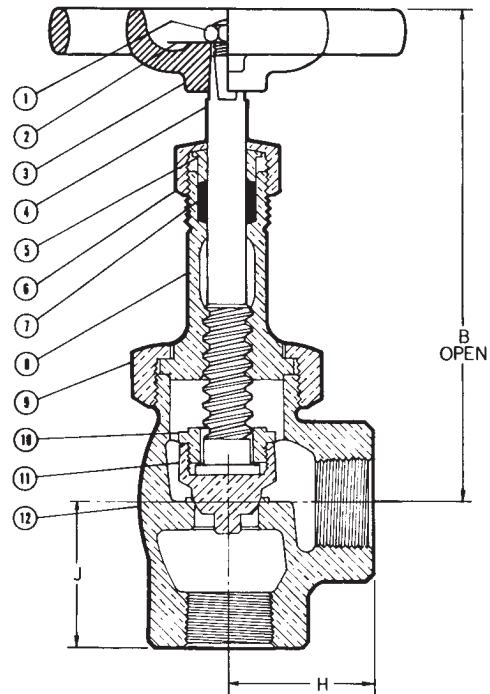


MATERIAL LIST

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 B 16
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. Disc Holder Nut	Bronze ASTM B 61
11. Seat Disc	Bronze ASTM B 61 (B) Steam (PTFE) (Y)
12. Body	Bronze ASTM B 61



T-375-B
Threaded



T-375-B
NPT x NPT

DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions				Weight		Master Ctn. Qty.	
	In.	mm.	In.	mm.	In.	mm.		Lbs.
† ¼	8	4.38	111	1.31	33	1.36	0.62	50
† ⅜	10	4.38	111	1.31	33	1.30	0.59	50
½	15	4.88	124	1.38	35	1.81	0.82	50
¾	20	5.75	146	1.69	43	2.78	1.26	20
1	25	7.00	178	2.00	51	4.54	2.06	10
1¼	32	7.63	194	2.31	59	6.88	3.12	10
1½	40	7.69	195	2.50	64	8.31	3.77	6
2	50	9.25	235	3.00	76	12.81	5.81	4
2½	65	10.13	257	3.31	84	16.86	7.65	4
3	80	11.13	283	3.88	98	22.76	10.32	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 Angle 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

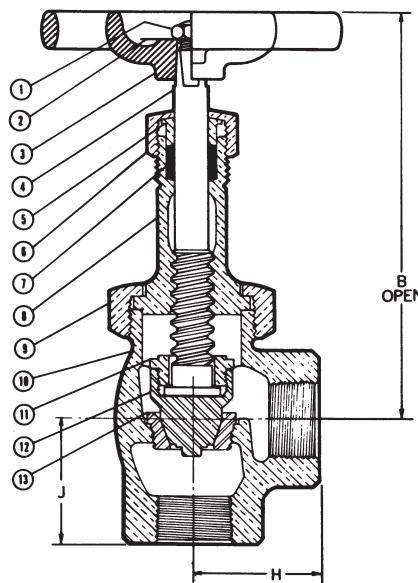


MATERIAL LIST

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



T-376-AP
Threaded



T-376-AP
NPT x NPT

DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions				Weight		Master	
	B		H & J		Lbs.	Kg.	Ctn.	Qty.
In.	mm.	In.	mm.	In.	mm.			
† ¼	8	4.38	111	1.31	33	1.38	0.63	50
† ⅜	10	4.38	111	1.31	33	1.22	0.55	50
½	15	4.88	124	1.38	35	1.81	0.82	25
¾	20	5.75	146	1.69	43	2.78	1.26	20
1	25	7.00	178	2.00	51	4.62	2.10	10
1 ¼	32	7.63	194	2.31	59	6.84	3.10	10
1 ½	40	7.69	195	2.50	64	8.61	3.90	6
2	50	9.25	235	3.00	76	13.09	5.94	4

† 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.