

Class 125 Bronze Angle Valves

Screw-in Bonnet • Integral Seat • Renewable Seat and 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	a. Malleable Iron ASTM A 47 (T-311-Y) b. Bronze Cross Handwheel (T-311-YK)
4. Stem	Silicon Bronze ASTM B 371 Alloy C69400
5. Packing Gland	Bronze ASTM B 62 or ASTM B 584 Alloy C84400 or Brass ASTM B 16
6. Packing Nut	Bronze ASTM B 62 or ASTM B 584 Alloy C84400 or Brass ASTM B 16
7. Packing	Aramid Fibres 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
13. Body	Bronze ASTM B 62

*2½" and 3" are ASTM B 61

DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions				T-311		Master Ctn. Qty.	
	B		H & J		Lbs.	Kg.		
In.	mm.	In.	mm.	In.	mm.			
* ¼	8	3.50	89	1.19	30	0.98	0.44	50
* ⅜	10	3.50	89	1.19	30	0.93	0.42	50
* ½	15	3.50	89	1.31	33	1.01	0.46	30
¾	20	4.94	126	1.56	40	1.70	0.77	20
1	25	5.75	146	1.88	48	2.82	1.28	10
1 ¼	32	6.13	156	2.19	51	3.76	1.70	10
1 ½	40	7.25	179	2.38	60	5.79	2.63	6
2	50	8.13	206	2.81	72	8.76	3.97	4
2 ½	65	10.56	268	3.19	81	16.13	7.32	2
3	80	11.19	284	3.88	99	21.72	9.85	2

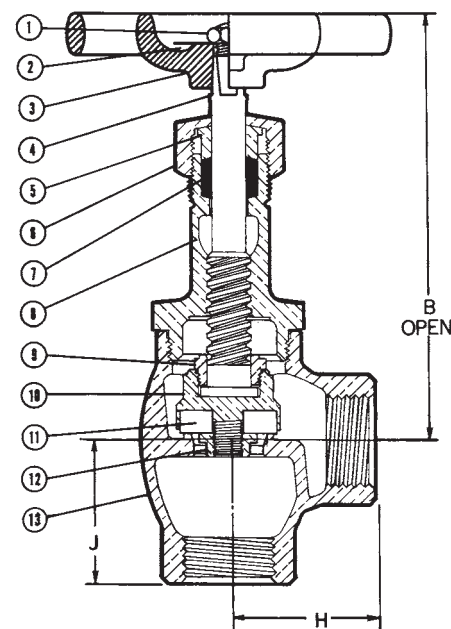
*Stem and Disc or Disc Holder are integral. No packing gland, packing only in these sizes.



T-311-Y
Threaded



T-311-YK
Threaded
With Cross Handle



T-311-Y
NPT x NPT

Freezing Weather Precaution – Subsequent to testing a piping system, valves should be in an open position to allow complete drainage.