Class 300 Bronze Gate Valves

Block Pattern • Union Bonnet • Non-Rising Stem • Alloy Solid Wedge

Dezincification Resistant

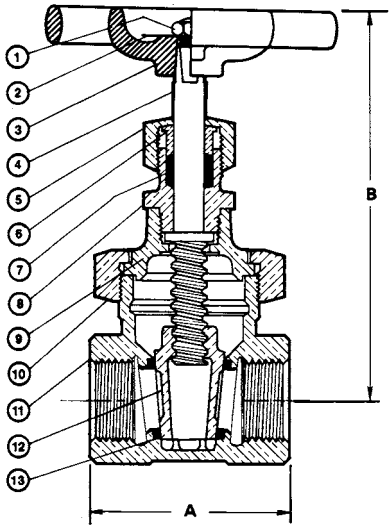
300 PSI/20.7 Bar Saturated Steam to 421° F/216° C
600 PSI/41.4 Bar Non-Shock Cold Working Pressure

T-176-SS
T-176-A
Threaded

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 or ASTM B 99 Alloy C65100
5. Packing Nut	Bronze ASTM B 62 or ASTM B584 Alloy C84400 or Brass ASTM B 16
6. Packing Gland	Bronze ASTM B 62 or ASTM B584 Alloy C84400 or Brass ASTM B16
7. Packing	Aramid Fibers with Graphite
8. Stuffing Box	Bronze ASTM B 61
9. Bonnet	Bronze ASTM B 61
10. Union Nut	Bronze ASTM B 61
11. Body	Bronze ASTM B 61
12. Wedge	T-176-SS Bronze ASTM B 61 T-176-A Copper Nickel Alloy
13. Seats	T-176-SS Stainless Steel Type 410 ASTM A 276 Alloy 541000 T-176-A Integral with Body

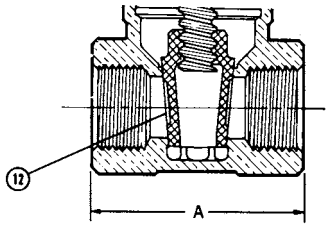


T-176-SS
NPT x NPT
with Stainless Steel Seats

DIMENSIONS—WEIGHTS—QUANTITIES

Size		Dimensions T-176-SS A		Dimensions T-176-SS B		Dimensions T-176-A A		Dimensions T-176-A B		T-176-SS		T-176-A		Master
In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	Lbs.	Kg.	Lbs.	Kg.	Ctn. Qty.
¼	8	x	x	x	x	1.88	48	3.88	98	x	x	1.15	0.52	50
⅜	10	x	x	x	x	2.06	53	3.88	98	x	x	1.14	0.52	50
½	15	2.38	60	4.19	106	2.31	59	4.31	106	1.44	0.65	1.44	0.65	40
¾	20	2.69	68	4.63	117	2.44	62	4.63	117	2.15	0.98	2.13	0.97	30
1	25	3.13	79	5.44	138	2.88	73	5.44	138	3.25	1.47	3.24	1.47	20
1 ¼	32	3.44	87	6.06	154	3.13	79	6.06	154	4.56	2.07	4.57	2.07	10
1 ½	40	3.75	95	7.13	181	3.38	86	7.13	181	6.02	2.73	5.98	2.71	10
2	50	4.25	108	8.31	211	3.88	99	8.31	211	10.46	4.74	10.18	4.62	6

x Not available this size.



T-176-A
NPT x NPT
with Integral Seats

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.**

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