

Class 125 Iron Body Gate Valves

Bolted Bonnet • Non-Rising Stem • Solid Wedge • Bronze Mounted

125 PSI/8.6 Bar Saturated Steam to 353° F/178° C
200 PSI/13.8 Bar Non-Shock Cold Working Pressure
to -20° F to 150° F/-29° C to 66° C ◆

CONFORMS TO MSS SP-70

MATERIAL LIST

PART	SPECIFICATION
1. Handwheel Nut	Steel ASTM A 307
2. Identification Plate	Aluminum
3. Handwheel or Square Operating Nut	Cast Iron ASTM A 126 Class B
4. Stem	Brass ASTM B 16 Alloy C36000
5. Gland Follower Nut	Bronze ASTM F 467 Alloy C27000
6. Gland Follower	Cast Iron ASTM A 126 Class B or Ductile Iron ASTM A 536
7. Gland Follower Bolt	Steel ASTM A 307
8. Packing Gland	Zinc Plated Powdered Iron ASTM B 783 or Brass ASTM B 16
9. Stuffing Box	Cast Iron ASTM A 126 Class B
10. Packing	Synthetic Fibers with Graphite
11. Stuffing Box Gasket	Synthetic Fibers
12. Bonnet	Cast Iron ASTM A 126 Class B
13. Body Bolt	ASTM A 307
14. Body Gasket	Synthetic Fibers
15. Body Nut	Steel ASTM A 307
16. † Wedge Bushing	Cast Bronze ASTM B 584 Alloy C84400
17. Seat Ring	Cast Bronze ASTM B 584 Alloy C84400
18. Wedge Face Ring	Cast Bronze ASTM B 584 Alloy C84400
19. † Wedge	Cast Iron ASTM A 126 Class B
20. Body	Cast Iron ASTM A 126 Class B
21. Stuffing Box Nut	Steel ASTM A 307 (not shown)

† Sizes thru 6" have Bronze Wedges. Sizes 8" thru 12" made with Cast Iron Wedge with Bronze Bushing and Wedge Face Rings.

DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions												F-619		T-619	
	F-619 A		T-619 A		B		C		D		E		Lbs.	Kg.	Lbs.	Kg.
In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	Lbs.	Kg.	Lbs.	Kg.	
2	50 7.00	178 5.63	143 11.00	279 7 178	6.00 152	.63 16	35 16	25 11								
2½	65 7.50	191 5.88	149 12.50	318 7 178	7.00 178	.69 17	49 22	33 15								
3	80 8.00	203 6.13	156 13.50	343 8 203	7.50 191	.75 19	60 27	42 19								
4	100 9.00	229 6.50	165 15.75	400 10 254	9.00 229	.94 24	90 41	61 28								
5	125 10.00	254 x x	17.00 432	10 254	10.00 254	.94 24	129 59	x x								
6	150 10.50	267 x x	21.00 533	12 305	11.00 279	1.00 25	161 73	x x								
8	200 11.50	292 x x	25.00 635	14 356	13.50 343	1.13 29	277 126	x x								
10	250 13.00	330 x x	29.00 737	16 406	16.00 406	1.19 30	415 188	x x								
12	300 14.00	356 x x	34.50 876	18 457	19.00 483	1.25 32	631 287	x x								
14	350 15.00	381 x x	40.38 1026	x x	21.00 533	1.38 35	869 394	x x								
16	400 16.00	407 x x	45.75 1162	x x	23.50 597	1.44 37	1224 555	x x								

x Not available this size.



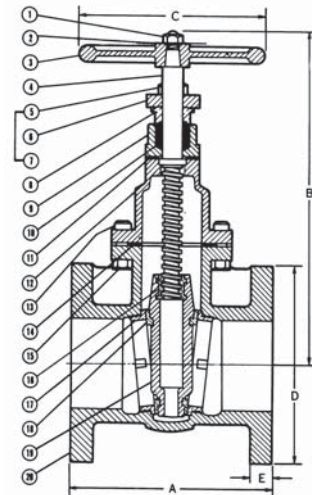
F-619
Flanged



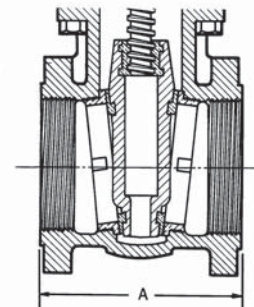
T-619
Threaded



F-619-SON
Flanged
With Square Op. Nut



F-619
Flg x Flg



T-619
NPT x NPT

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

Position indicators available, see page 92.

◆ For detailed Operating Pressure, refer to Chart on page 109.
Pressure Temperature