

# Class 125 All Iron Trim Iron Body Gate Valves

Bolted Bonnet • Outside Screw and Yoke • Solid Wedge

**125 PSI/8.6 Bar Fluid Pressure 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. Stem	Steel ASTM A108 12L14 Electroless NI-PI
2. Handwheel Nut	Ductile Iron ASTM A536
3. Identification Plate	Aluminum
4. Yoke Bushing	Ductile Iron ASTM A536
5. Handwheel	Cast Iron ASTM A126 Class B
6. Bonnet Cap Nut	Steel ASTM A563
7. Bonnet Cap	Ductile Iron ASTM A536
8. Bonnet <sup>1</sup>	Cast Iron ASTM A126 Class B
9. Bonnet Cap Bolt	Steel ASTM A307
10. Gland Follower Nut	Steel ASTM A563
11. Gland Follower	Ductile Iron ASTM A536
12. Packing Gland	Zinc Plated Powdered Iron ASTM B783 or Brass ASTM B16 Alloy C3600
13. Packing	PTFE Braided Synthetic Fiber
14. Gland Follower Bolt	Steel ASTM A307
15. Backseat Bushing	Steel ASTM A108 12L14
16. Body Nut	Steel ASTM A563
17. Body Bolt	Steel ASTM A307
18. Wedge Pin	Steel ASTM A108 12L14
19. Body	Cast Iron ASTM A126 Class B
20. Seat Ring	Cast Iron ASTM A126 Class B
21. Wedge Face	Cast Iron ASTM A126 Class B
22. Wedge	Cast Iron ASTM A126 Class B
23. Body Gasket	Synthetic Fibers
24. Stem Collar	Steel ASTM A108 12L14
25. Grease Fitting	Alemite 1743B (not shown)

<sup>1</sup> Sizes thru 8" made with Yoke Integral with Bonnet. 10" and 12" sizes made with separate Yoke Bolted to Bonnet.

## DIMENSIONS—WEIGHTS—QUANTITIES

Dimensions																	
Size	F-617-ON		T-617-ON		B	C	D	E	F-617-ON		T-617-ON						
	A	A	A	A					Lbs.	Kg.	Lbs.	Kg.					
In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	Lbs.	Kg.	Lbs.	Kg.				
2	50	7.00	178	5.63	143	16.31	414	8	203	6.00	152	.63	16	41	18	30	14
2½	65	7.50	191	5.88	149	17.19	437	8	203	7.00	178	.69	17	55	25	39	18
3	80	8.00	203	6.13	156	19.50	495	8	203	7.50	191	.75	19	66	30	47	21
4	100	9.00	229	6.50	165	24.00	610	10	254	9.00	229	.94	24	104	47	77	35
5	125	10.00	254	x	x	27.13	689	10	254	10.00	254	.94	24	144	65	x	x
6	150	10.50	267	x	x	31.06	789	12	305	11.00	279	1.00	25	178	81	x	x
8	200	11.50	292	x	x	40.19	1021	14	356	13.50	343	1.13	29	309	140	x	x
10	250	13.00	330	x	x	48.25	1226	16	406	16.00	406	1.19	30	481	218	x	x
12	300	14.00	356	x	x	56.88	1445	18	457	19.00	483	1.25	32	702	318	x	x

x Not available this size.

VISIT [WWW.NIBCO.COM](http://WWW.NIBCO.COM) FOR CURRENT CHEM-GUIDE AND GALVANIC POTENTIAL IN PIPING SYSTEMS INFORMATION.

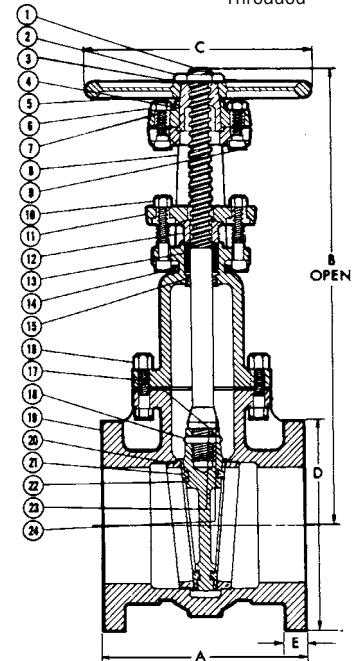
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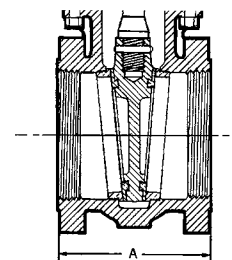
**F-617-ON**  
Flanged



**T-617-ON**  
Threaded



**F-617-ON**  
Flg x Flg



**T-617-ON**  
NPT x NPT

**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.