

# Class 125 All Iron Trim Iron Body Gate Valves

Bolted Bonnet • Outside Screw and Yoke • Solid Wedge

**200 PSI/13.8 bar non-shock cold working pressure to -20°F to 150°F/-29°C to 66°C\***

**Maximum working temperature 450°F/232°C at 125 PSI/8.6 bar**

**125 PSI/8.6 bar saturated steam to 353°F/178°C**

CONFORMS TO MSS SP-70

## MATERIAL LIST

PART	SPECIFICATION
1. Stem	Steel, ASTM A108 12L14 NI PLTD
2. Nut, Handwheel	Ductile Iron, ASTM A536
3. Nameplate, I.D.	Aluminum
4. Handwheel, Blue	Cast Iron, ASTM A126-B
5. Bushing, Yoke	Ductile Iron, ASTM A536
6. Screw, Hex - Bonnet Cap	Steel, ASTM A307 / SAE J429
7. Cap, Bonnet	Ductile Iron, ASTM A536
8. Grease Fitting (not shown)	Steel
9. Nut, Square - Bonnet Cap	Steel, ASTM A563
10. Bonnet	Cast Iron, ASTM A126-B
11. Nut, Heavy Hex - GLD Follow	Steel, ASTM A563
12. Gland Follower	Ductile Iron, ASTM A536
13. Pack Gland	Powdered Metal, ASTM B783
14. Pack Ring	Aramid Fibers / Graphite
15. Bolt, SQ Head - GLD Follow	Steel, ASTM A307 / SAE J429
16. Screw, Hex - Body	Steel, ASTM A307 / SAE J429
17. Gasket, Body	Graphite/SST
18. Nut, Hex - Body	Steel, ASTM A563
19. Collar, Stem	Steel, ASTM A108
20. Pin, Wedge	Steel, ASTM A108
21. Wedge	Cast Iron, ASTM A126-B
22. Ring, Seat - Body	Cast Iron, ASTM A126-B
23. Body	Cast Iron, ASTM A126-B

\*Sizes thru 8" made with Yoke Integral with Bonnet. 10" and 12" sizes made with separate Yoke Bolted to Bonnet.

NOTE: NIBCO may substitute Ductile Iron ASTM A395 (60-40-18) for ASTM A126 Class B Cast Iron for the Body, Bonnet, Wedge, or Disc. NIBCO may substitute Ductile Iron ASTM A395 (60-40-18) or ASTM A536 (65-45-12) for all other ASTM A126 Class B Cast Iron components.

## DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions														F-617-ON		T-617-ON	
	F-617-ON		T-617-ON		A		B		C		D		E		F-617-ON		T-617-ON	
	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	16.26	413	8.00	203	6.00	152	0.62	16	41	19	30	14	
2½	65	7.50	191	5.88	149	17.26	438	8.00	203	7.00	178	0.69	18	55	25	39	18	
3	80	8.00	203	6.13	156	19.44	494	8.00	203	4.50	114	0.75	19	67	30	47	21	
4	100	9.00	229	6.50	165	23.54	598	10.25	260	9.00	229	0.94	24	107	49	77	35	
5	125	10.00	254	X	X	27.01	686	10.25	260	10.00	254	0.94	24	145	66	X	X	
6	150	10.50	267	X	X	30.73	781	12.00	305	11.00	279	1.00	25	178	81	X	X	
8	200	11.50	292	X	X	40.29	1023	14.00	356	13.50	343	1.12	28	309	140	X	X	
10	250	13.00	330	X	X	48.45	1231	16.25	413	16.00	406	1.19	30	481	219	X	X	
12	300	14.00	356	X	X	56.26	1429	18.00	457	19.00	483	1.25	32	706	321	X	X	

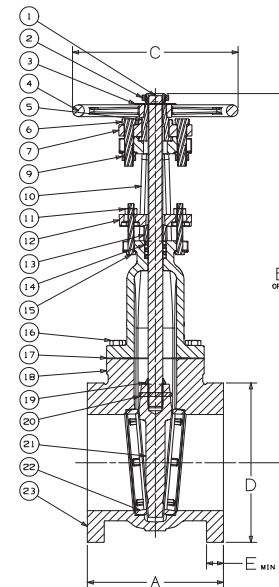
x = Not available this size.



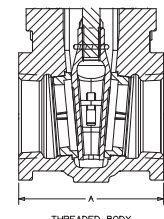
**F-617-ON**  
Flanged



**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 116.



**WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Visit our website for the most current information.