

# Class 125 3% Nickel Iron Body Gate Valves

Bolted Bonnet • Outside Screw and Yoke • Solid Wedge • Stainless Steel Trim

**125 PSI/8.6 Bar Fluid Pressure to 450° F/232° 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

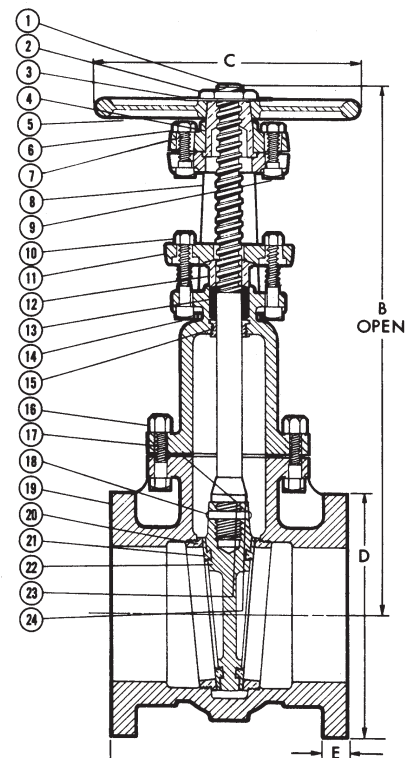
PART	SPECIFICATION
1. Stem	ASTM A 276 S31600SS
2. Handwheel Nut	Ductile Iron ASTM A 536
3. Identification Plate	Aluminum
4. Yoke Bushing	Ductile Iron ASTM A 536
5. Handwheel	Cast Iron ASTM A 126 Class B
6. Bonnet Cap Nut	Steel ASTM A 307
7. Bonnet Cap	Ductile Iron ASTM A 536
8. <sup>1</sup> Bonnet	ASTM A 126 3% Nickel Iron Class B
9. Bonnet Cap Bolt	Steel ASTM A 307
10. Gland Follower Nut	Steel ASTM A 307
11. Gland Follower	Ductile Iron ASTM A 536
12. Packing Gland	ASTM A 276 S31600SS
13. Packing	TFE Braided
14. Gland Follower Bolt	Steel ASTM A 307
15. Backseat Bushing	ASTM A 276 S31600SS
16. Body Nut	Steel ASTM A 307
17. Body Bolt	Steel ASTM A 307
18. Wedge Pin	ASTM A 276 S31600SS
19. Body	ASTM A 126 3% Nickel Iron Class B
20. Seat Ring	ASTM A 351 CF8M
21. Wedge Face Ring	ASTM A 351 CF8M
22. <sup>2</sup> Wedge	ASTM A 126 3% Nickel Iron Class B
23. Body Gasket	Synthetic Fibers
24. Stem Collar	ASTM A 276 S31600SS
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.

<sup>2</sup> Sizes 2" thru 3" have Solid ASTM A 351 CF8M Wedges. Sizes 4" thru 12" made with ASTM A 126 3% Ni-Iron Wedge with ASTM A 351 CF8M Wedge Face Rings.



**F-617-13**  
Flanged



**F-617-13**  
Flg x Flg

## DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions										Weight		
	A		B		C		D		E		Lbs.	Kg.	
In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	Lbs.	Kg.
2	50	7.00	178	16.31	414	8.00	203	6.00	152	.63	16	41	19
2½	65	7.50	191	17.19	437	8.00	203	7.00	178	.69	17	54	25
3	80	8.00	203	19.50	495	8.00	203	7.50	191	.75	19	66	30
4	100	9.00	229	24.00	610	10.00	254	9.00	229	.94	24	109	49
6	150	10.50	267	31.06	789	12.00	305	11.00	279	1.00	25	179	81
8	200	11.50	292	40.19	1021	14.00	356	13.50	343	1.13	29	309	140
10	250	13.00	330	48.25	1226	16.00	406	16.00	406	1.19	30	481	218
12	300	14.00	356	56.88	1445	18.00	457	19.00	483	1.25	32	706	320

**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 111.