

Class 125 3% Nickel Iron Body Gate Valves

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

100 PSI/6.9 Bar Fluid Pressure to 450° F/232° C
**150 PSI/10.3 Bar Non-Shock Cold Working Pressure
to -20° F to 150° F/-29° C to 66° C ♦**

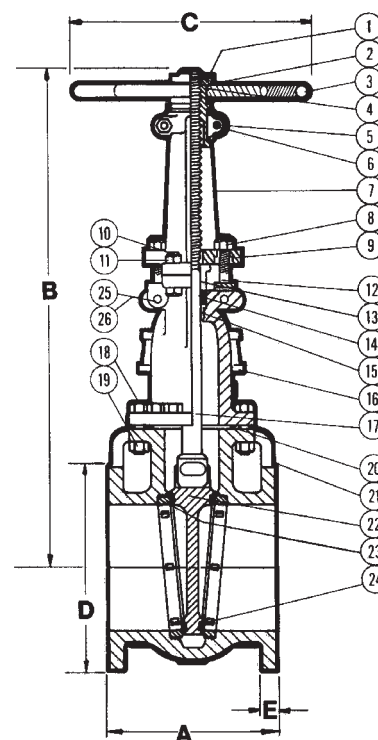
CONFORMS TO MSS SP-70

MATERIAL LIST

PART	SPECIFICATION
1. Handwheel Nut	Ductile Iron ASTM A 536
2. Identification Tag	Aluminum
3. Handwheel	Fabricated Steel
4. Yoke Bushing	Ductile Iron ASTM A 536
5. Split Yoke Bolt	Steel ASTM A 307
6. Split Yoke Bolt Nut	Steel ASTM A 307
7. Yoke	ASTM A 126 3% Nickel Iron Class B
8. Gland Follower Nut	Steel ASTM A 307
9. Gland Follower	Ductile Iron ASTM A 536
10. Yoke Bolt	Steel ASTM A 307
11. Yoke Bolt Nut	Steel ASTM A 307
12. Gland Follower Bolt	Steel ASTM A 307
13. Packing Gland	ASTM A 276 S31600SS
14. Packing	PTFE Braided
15. Backseat Bushing	ASTM A 351 CF8M
16. Bonnet	ASTM A 126 3% Nickel Iron Class B
17. Stem	ASTM A 276 S31600SS
18. Bonnet Bolt	Steel ASTM A 307
19. Bonnet Bolt Nut	Steel ASTM A 307
20. Bonnet Gasket	Synthetic Fibers
21. Body	ASTM A 126 3% Nickel Iron Class B
22. Wedge	ASTM A 126 3% Nickel Iron Class B
23. Seat Ring	ASTM A 351 CF8M
24. Wedge Ring	ASTM A 351 CF8M
25. Swing Nut	Steel ASTM A 307
26. Swing Bolt	Steel ASTM A 307
27. Grease Fitting	Alemite 1743B (not shown)
28. Stem Collar	ASTM A 276 S31600SS (not shown)
29. Wedge Pin	ASTM A 276 S31600SS (not shown)
30. Wedge Nut	Ductile Iron ASTM A 536 (not shown)


F-617-13

Flanged


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Flg x Flg

DIMENSIONS—WEIGHTS—QUANTITIES

Size		Dimensions										Weight	
		A		B		C		D		E			
In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	Lbs.	Kg.
14	350	15.00	381	65.50	1664	24.00	610	21.00	533	1.38	35	890	404
16	400	16.00	406	74.50	1892	24.00	610	23.50	597	1.44	37	1252	568
18	450	17.00	432	82.50	2096	24.00	610	25.00	635	1.56	40	1596	725
20	500	18.00	457	91.00	2311	30.00	762	27.50	699	1.69	43	2023	918
24	600	20.00	508	107.50	2731	30.00	762	32.00	813	1.88	48	2907	1320

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 113.