

Class 125 All Iron Trim Iron Body Gate Valves

Bolted Bonnet • Outside Screw and Yoke • Solid Wedge

100 PSI/6.9 Bar Fluid Pressure to 338° F/170° C
**150 PSI/10.3 Bar Non-Shock Cold Working Pressure
to -20° F to 150° F/-29° C to 66° C◆**

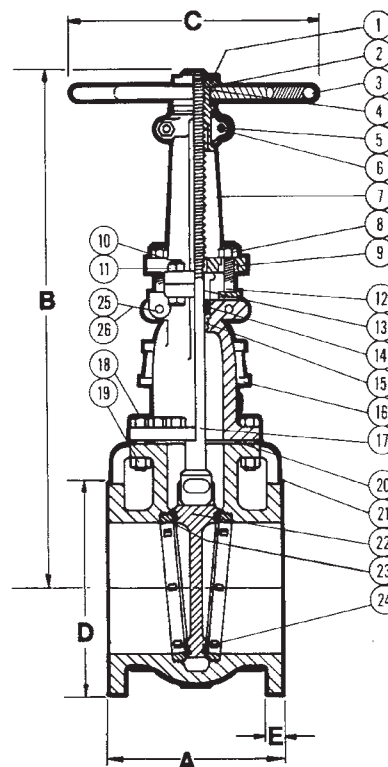
CONFORMS TO MSS SP-70

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	Cast Iron ASTM A 126 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	Steel ASTM A 108 12L14
14. Packing	PTFE Braided
15. Backseat Bushing	Steel ASTM A 108 12L14
16. Bonnet	Cast Iron ASTM A 126 Class B
17. Stem	Steel ASTM A 108 12L14 Electroless Ni-Pi
18. Bonnet Bolt	Steel ASTM A 307
19. Bonnet Bolt Nut	Steel ASTM A 307
20. Bonnet Gasket	Synthetic Fibers
21. Body	Cast Iron ASTM A 126 Class B
22. Wedge	Cast Iron ASTM A 126 Class B
23. Seat Ring	Cast Iron ASTM A 126 Class B
24. Grease Fitting	Alemite 1743B (not shown)
25. Swing Nut	Steel ASTM A 307
26. Swing Bolt	Steel ASTM A 307
27. Stem Collar	Steel ASTM A 108 12L14 (not shown)
28. Wedge Pin	Steel ASTM A 108 12L14 (not shown)
29. Wedge Nut	Ductile Iron ASTM A 536 (not shown)


F-617-ON

Flanged


F-617-ON

Flg x Flg

DIMENSIONS—WEIGHTS—QUANTITIES

Size		Dimensions										Turns to Open	Weight	
		A	B	C	D	E								
In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.		Lbs.	Kg.
14	350	15	381	65.50	1660	24	610	21.00	533	1.38	35	29.38	890	404
16	400	16	407	74.50	1892	24	610	23.50	597	1.44	37	33.50	1252	568
18*	450	17	432	82.50	2096	24	610	25.50	635	1.56	40	37.63	1595	724
20*	500	18	457	91.00	2311	30	762	27.50	699	1.69	43	41.88	2001	907
24*	600	20	508	107.50	2731	30	762	32.00	813	1.88	48	50.06	2879	1306

* 18", 20" and 24" sizes recommended for 50 PSI maximum steam service. For higher pressures see F-637-33.

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 95.

◆For detailed Operating Pressure, refer to Pressure Temperature Chart on page 113.