

Class 125 Iron Body Gate Valves

Bolted Bonnet • Outside Screw and Yoke • Solid Wedge • Bronze Mounted

***100 PSI/6.9 Bar Saturated Steam 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	Cast Bronze ASTM B 584 Alloy C84400
2. I.D. Tag	Aluminum
3. Handwheel	Fabricated Steel
4. Yoke Bushing	Cast Bronze ASTM B 584 Alloy C84400
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	Brass ASTM B 16 Alloy C36000
9. Gland Follower	Cast Iron ASTM A 126 Class B or 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	Cast Bronze ASTM B 584 Alloy C84400 or Brass ASTM B 16 C36000
14. Packing	Synthetic Fibers with Graphite
15. Backseat Bushing	Cast Bronze ASTM B 584 Alloy C84400
16. Bonnet	Cast Iron ASTM A 126 Class B
17. Stem	Brass ASTM B 16 Alloy C36000
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 Bronze ASTM B 584 Alloy C84400
24. Wedge Ring	Cast Bronze ASTM B 584 Alloy C84400
25. Swing Nut	Steel ASTM A 307
26. Swing Bolt	Steel ASTM A 307
27. Grease Fitting	Alemite 1743B (not shown)
28. Stem Collar	Brass ASTM B 16 Alloy C36000 (not shown)
29. Wedge Pin	Brass ASTM B 371 C69400 (not shown)
30. Wedge Nut	Brass ASTM B 61 C92200 (not shown)

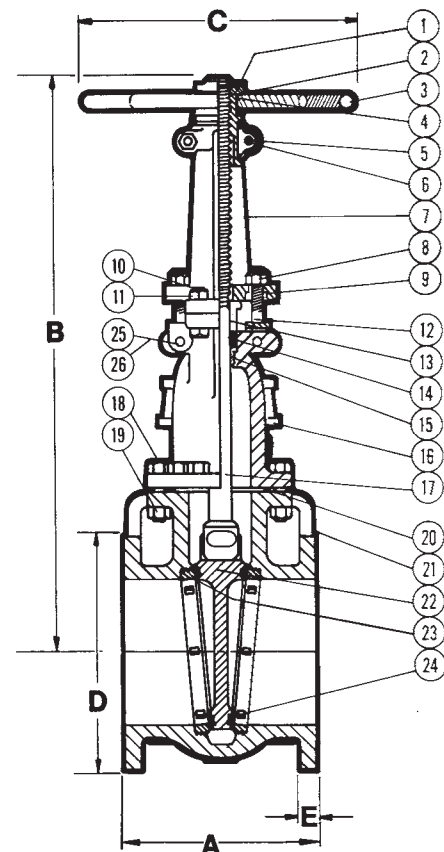
DIMENSIONS—WEIGHTS—QUANTITIES

Dimensions															
Size		A		B		C		D		E		Turns to Open	Weight		
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	892	405	
16	400	16	407	74.50	1892	24	610	23.50	597	1.44	37	33.50	1253	568	
18	450	17	432	82.50	2096	24	610	25.00	635	1.56	40	37.63	1598	725	
20	500	18	457	91.00	2311	30	762	27.50	699	1.69	43	41.88	2000	907	
24	600	20	508	107.50	2731	30	762	32.00	813	1.88	48	50.06	2909	1319	

* 18", 20" and 24" sizes recommended for 50 PSI maximum steam service.


F-617-0

Flanged


F-617-0

Flg x Flg

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.