

Class 125 Iron Body Globe Valves

Bolted Bonnet • Renewable Seat and Disc* • Bronze Mounted

125 PSI/8.6 Bar Saturated Steam to 353° F/178° 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-85

MATERIAL LIST

PART	SPECIFICATION
1. Handwheel Nut	Steel ASTM A 307
2. Identification Plate	Aluminum
3. Handwheel	Cast Iron ASTM A 126 Class B
4. Yoke Bushing	Cast Bronze ASTM B 584 Alloy C84400
5. Bonnet	Cast Iron ASTM A 126 Class B
6. Stem	Brass ASTM B 16 Alloy C36000
7. Gland Follower Nut	Brass ASTM F 467 Alloy C27000
8. Gland Follower	Cast Iron ASTM A 126 Class B or Ductile Iron ASTM A 536
9. Packing Gland	Zinc Plated Powdered Iron ASTM B 783 or Brass ASTM B 16
10. Gland Follower Stud	Steel ASTM A 307
11. Packing	Synthetic Fibers with Graphite
12. ¹ Body Bolt	Steel ASTM A 307
13. Body Gasket	Synthetic Fibers
14. ¹ Body Nut	Steel ASTM A 307
15. Swivel Nut	Cast Bronze ASTM B 584 Alloy C84400
16. ² Disc Cage	Cast Iron ASTM A 126 Class B
17. ³ Disc	Cast Bronze ASTM B 584 Alloy C84400 (B)
**18. ⁴ Disc Plate	Cast Iron ASTM A 126 Class B
**19. Disc Nut	Bronze
20. Seat Ring	Cast Bronze ASTM B 584 Alloy C84400
21. Body	Cast Iron ASTM A 126 Class B

¹2" and 10" have hex head steel capscrew.

²2" thru 5" are Cast Bronze ASTM B 584 Alloy C84400

³For (B) Disc, 2" thru 6" have Bronze ASTM B 584 Alloy C84400 Disc.

⁸" thru 10" have Iron Disc with Bronze Disc Face Rings and Brass Pilots.

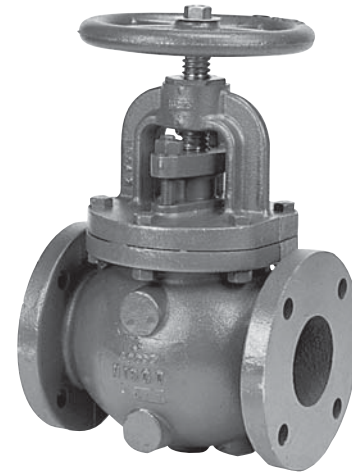
⁴2" thru 4" are Cast Bronze ASTM B 584 Alloy C84400.

** For PTFE Seat Valves Only.

DIMENSIONS—WEIGHTS—QUANTITIES

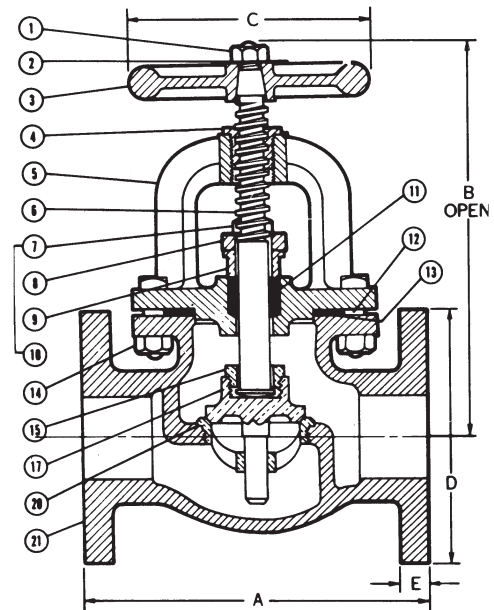
Size	Dimensions										Weight		
	A		B		C		D		E		Lbs.	Kg.	
In. mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.			
2	50	8.00	203	10.19	259	7	178	6.00	152	.63	16	32	15
2½	65	8.50	216	11.81	300	8	203	7.00	178	.69	17	49	22
3	80	9.50	241	12.50	318	8	203	7.50	191	.75	19	65	30
4	100	11.50	292	15.81	402	10	254	9.00	229	.94	24	98	44
5	125	13.00	330	16.50	419	10	254	10.00	254	.94	24	140	63
6	150	14.00	356	18.88	479	12	305	11.00	279	1.00	25	182	83
8	200	19.50	495	21.13	537	16	406	13.50	343	1.13	29	361	164
10	250	24.50	622	25.19	640	18	457	16.00	406	1.19	30	586	266

* With proper machining facilities.



F-718-B

Flanged



F-718-B

Flg x Flg

Freezing Weather Precaution – Subsequent to testing a piping system, valves should be in an open position to allow complete drainage.

♦ For detailed Operating Pressure, refer to Pressure Temperature Chart on page 111.