

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 A307
2. Identification Plate	Aluminum
3. Handwheel	Cast Iron ASTM A126 Class B
4. Yoke Bushing	Cast Bronze ASTM B584 Alloy C84400
5. Bonnet	Cast Iron ASTM A126 Class B
6. Stem	Brass ASTM B16 Alloy C36000
7. Gland Follower Nut	Brass ASTM F467 Alloy C27000
8. Gland Follower	Cast Iron ASTM A126 Class B or Ductile Iron ASTM A536
9. Packing Gland	Zinc Plated Powdered Iron ASTM B783 or Brass ASTM B16
10. Gland Follower Stud	Steel ASTM A307
11. Packing	Synthetic Fibers with Graphite
12. ¹ Body Bolt	Steel ASTM A307
13. Body Gasket	Synthetic Fibers
14. ¹ Body Nut	Steel ASTM A563
15. Swivel Nut	Cast Bronze ASTM B584 Alloy C84400
16. ² Disc Cage	Cast Iron ASTM A126 Class B
17. ³ Disc	Cast Bronze ASTM B584 Alloy C84400 (B)
**18. ⁴ Disc Plate	Cast Iron ASTM A126 Class B
**19. Disc Nut	Bronze
20. Seat Ring	Cast Bronze ASTM B584 Alloy C84400
21. Body	Cast Iron ASTM A126 Class B

¹2" and 10" have hex head steel capscrew.

²2" thru 5" are Cast Bronze ASTM B584 Alloy C84400

³For (B) Disc, 2" thru 6" have Bronze ASTM B584 Alloy C84400 Disc.

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

⁴2" thru 4" are Cast Bronze ASTM B584 Alloy C84400.

** For PTFE Seat Valves Only.

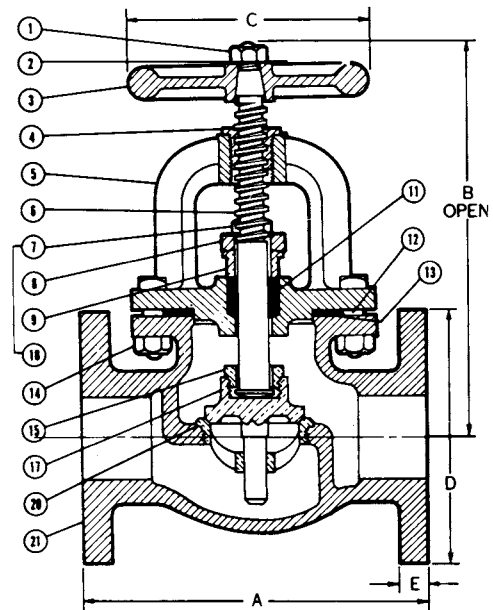
DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions										Weight		
	A		B		C		D		E		Lbs.	Kg.	
In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	Lbs.	Kg.		
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 114.

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