

Class 250 Iron Body Globe Valves

Bolted Bonnet • Renewable Seat and Disc* • Bronze Mounted

250 PSI/17.2 Bar Saturated Steam to 406° F/207° C
500 PSI/34.5 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 A563
2. Identification Plate	Aluminum
3. Handwheel	Cast Iron ASTM A126 Class B
4. Stem	Brass ASTM B16 Alloy C36000
5. Yoke Bushing	Cast Bronze ASTM B584 Alloy C84400
6. Bonnet	Cast Iron ASTM A126 Class B
7. Gland Follower Nut	Brass ASTM F467 Alloy C27000
8. Gland Follower Stud	Steel ASTM A307
9. Gland Follower	Cast Iron ASTM A126 Class B or Ductile Iron ASTM A536
10. Packing Gland	Zinc Plated Powdered Iron ASTM B783 or Brass ASTM B16
11. Hex Head Cap Screw	Steel ASTM A307
12. Packing	PTFE Braided
13. Body Gasket	Reinforced Graphite
14. Swivel Nut	Cast Bronze ASTM B584 Alloy C84400 or ASTM B16 Alloy C36000
15. ¹ Disc	Cast Iron ASTM A126 Class B
16. Disc Ring	Cast Bronze ASTM B584 Alloy C84400
17. Disc Pilot	Cast Bronze ASTM B584 Alloy C84400
18. Seat Ring	Cast Bronze ASTM B584 Alloy C84400
19. Body	Cast Iron ASTM A126 Class B

¹Sizes thru 4" have all Bronze Discs
Sizes 6" and 8" have Cast Iron Disc with Bronze Disc Face Rings and Brass Pilots.

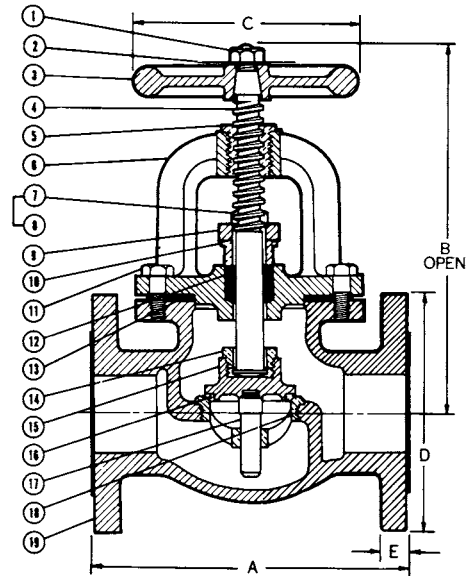
DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions										Weight		
	A		B		C		D		E		Lbs.	Kg.	
In. mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.			
2	50	10.50	267	10.31	262	7	178	6.50	165	.88	22	42	19
2½	65	11.50	292	13.56	344	8	203	7.50	191	1.00	25	78	35
3	80	12.50	318	14.00	356	10	254	8.25	210	1.13	29	96	44
4	100	14.00	356	16.50	419	11	279	10.00	254	1.25	32	154	70
6	150	17.50	445	23.50	597	14	356	12.50	318	1.44	37	360	163
8	200	21.00	533	26.50	673	16	406	15.00	381	1.63	41	546	248

* With proper machining facilities available.



F-768-B
Flanged



F-768-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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