

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

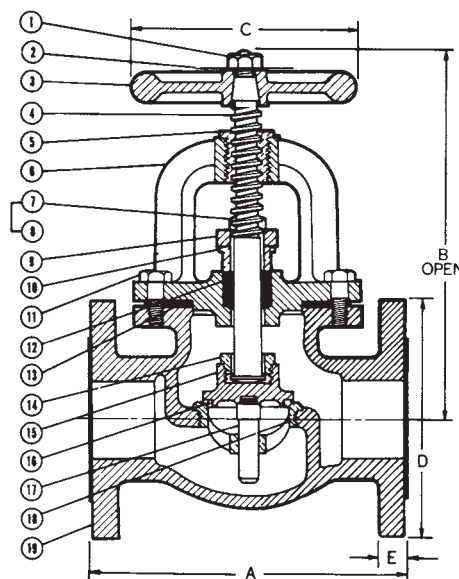
PART	SPECIFICATION
1. Handwheel Nut	Steel ASTM A 307
2. Identification Plate	Aluminum
3. Handwheel	Cast Iron ASTM A 126 Class B
4. Stem	Brass ASTM B 16 Alloy C36000
5. Yoke Bushing	Cast Bronze ASTM B 584 Alloy C84400
6. Bonnet	Cast Iron ASTM A 126 Class B
7. Gland Follower Nut	Brass ASTM F 467 Alloy C27000
8. Gland Follower Stud	Steel ASTM A 307
9. Gland Follower	Cast Iron ASTM A 126 Class B or Ductile Iron ASTM A 536
10. Packing Gland	Zinc Plated Powdered Iron ASTM B 783 or Brass ASTM B 16
11. Hex Head Cap Screw	Steel ASTM A 307
12. Packing	PTFE Braided
13. Body Gasket	Reinforced Graphite
14. Swivel Nut	Cast Bronze ASTM B 584 Alloy C84400 or ASTM B 16 Alloy C36000
15. ¹ Disc	Cast Iron ASTM A 126 Class B
16. Disc Ring	Cast Bronze ASTM B 584 Alloy C84400
17. Disc Pilot	Cast Bronze ASTM B 584 Alloy C84400
18. Seat Ring	Cast Bronze ASTM B 584 Alloy C84400
19. Body	Cast Iron ASTM A 126 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.


F-768-B

Flanged


F-768-B

Flg x Flg

DIMENSIONS—WEIGHTS—QUANTITIES

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

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 113.