

Class 250 Iron Body Globe Valves

Bolted bonnet • renewable seat and disc* • bronze mounted

500 PSI/34.5 bar non-shock cold working pressure from -20°F to 150°F/-29°C to 66°C♦

Maximum working temperature 450°F/232°C at 250 PSI/17.2 bar

250 PSI/17.2 bar saturated steam to 406°F/208°C

CONFORMS TO MSS SP-85

MATERIAL LIST

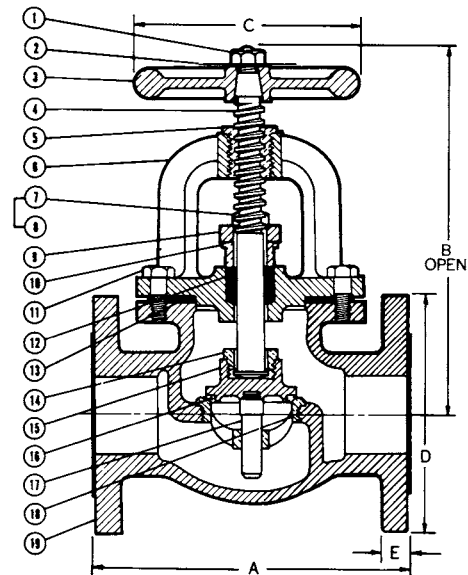
PART	SPECIFICATION
1. Handwheel Nut	Steel ASTM A563
2. Identification Plate	Aluminum
3. Handwheel	Cast Iron ASTM A126 Class B
4. Stem	Brass ASTM B16 Alloy C36000
5. Yoke Bushing	Brass ASTM B584 Alloy C84400
6. Bonnet	Cast Iron ASTM A126 Class B
7. Gland Follower Nut	Brass ASTM F467 Alloy C27000
8. Gland Follower Stud	Steel ASTM A307/SAE J429
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/SAE J429
12. Packing	PTFE Braided
13. Body Gasket	Reinforced Graphite
14. Swivel Nut	Brass ASTM B584 Alloy C84400 or ASTM B16 Alloy C36000
15. ¹ Disc	Cast Iron ASTM A126 Class B
16. Disc Ring	Brass ASTM B584 Alloy C84400
17. Disc Pilot	Brass ASTM B584 Alloy C84400
18. Seat Ring	Brass 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.



F-768-B
Flanged



F-768-B
Flg x Flg

DIMENSIONS—WEIGHTS—QUANTITIES

Dimensions												Weight	
Size	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.		
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 left in an open position to allow complete drainage.

♦For detailed Operating Pressure, refer to Pressure Temperature Chart on page 114.

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