Class 250 Iron Body Globe Valves

Bolted Bonnet • Renewable Seat and Disc* • Bronze Mounted

250 PSI/17.2 Bar Saturated Steam to 406º F/207º C
500 PSI/34.5 Bar Non-Shock Cold Working Pressure
to -20º F to 150º F/-29º C to 66º C◆

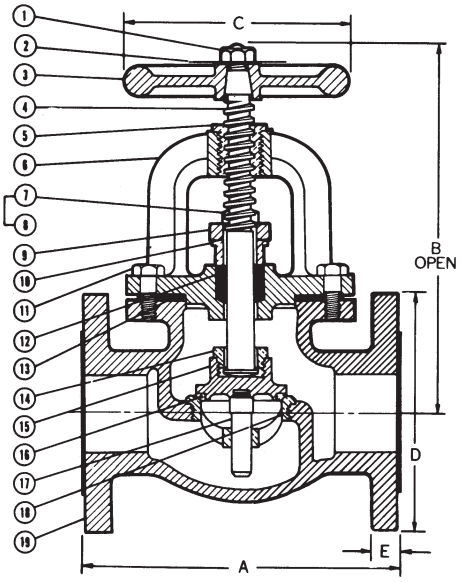
F-768-B
Flanged

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	TFE 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

[1]Sizes 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
Flg x Flg

DIMENSIONS—WEIGHTS—QUANTITIES

Size		Dimensions 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 111.

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