Class 125 Iron Body Angle Valves

Bolted Bonnet • Renewable Seat and Disc* • Bronze Mounted

125 PSI/8.6 Bar Saturated Steam to 353º F/178º C
200 PSI/13.8 Bar Non-Shock Cold Working Pressure to -20º F to 150º F/-29º C to 66º C◆

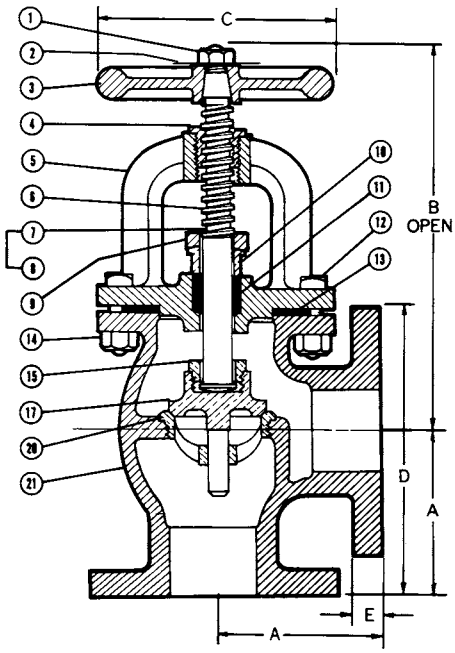
CONFORMS TO MSS SP-85

MATERIAL LIST

PART	SPECIFICATION
1. Handwheel Nut	Steel ASTM A563
2. Identification Plate	Aluminum
3. Handwheel	Cast Iron ASTM A126 Class B
4. 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 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 ASTM B16
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	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

[1] 2" have hex head steel capscrews.
[2] 2" thru 5" are Cast Bronze ASTM B584 Alloy C84400.
[3] 8" have Cast Iron Disc with Bronze Disc Face Rings and Brass Pilots.
[4] 2" thru 4" are Cast Bronze ASTM B584 Alloy C84400.

F-818-B
Flanged



F-818-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	4.00	102	10.00	254	7	178	6.00	152	.63	16	30	14
2½	65	4.25	108	11.50	292	8	203	7.00	178	.69	17	50	23
3	80	4.75	121	12.25	311	8	203	7.50	191	.75	19	60	27
4	100	5.75	146	15.00	381	10	254	9.00	229	.94	24	99	45
5	125	6.50	171	16.50	419	10	254	10.00	254	.94	24	133	60
6	150	7.00	178	18.88	479	12	305	11.00	279	1.00	25	187	85
8	200	9.75	248	20.75	527	16	406	13.50	343	1.13	29	349	158

*** 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 114.

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