

# Class 125 All Iron Trim Iron Body Globe Valves

Bolted Bonnet • Renewable Seat and Disc\*

200 PSI/13.8 bar non-shock cold working pressure to -20°F to 150°F/-29°C to 66°C†

Maximum working temperature 450°F/232°C at 125 PSI/8.6 bar

125 PSI/8.6 bar saturated steam to 353°F/178°C

CONFORMS TO MSS SP-85

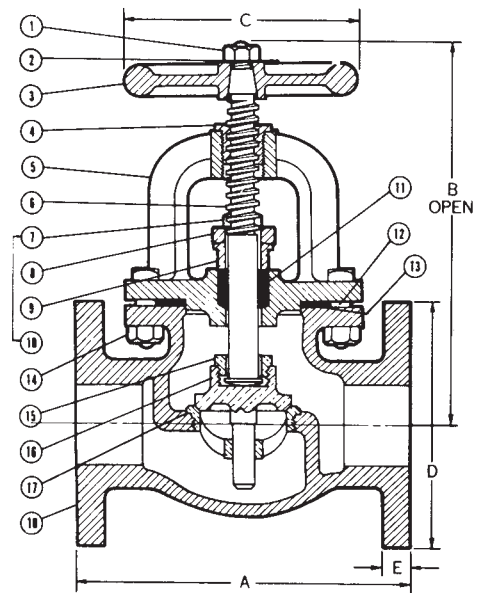
## MATERIAL LIST

PART	SPECIFICATION
1. Handwheel Nut	Steel ASTM A563
2. Identification Plate	Aluminum
3. Handwheel	Cast Iron ASTM A126 Class B
4. Yoke Bushing	Ductile Iron ASTM A536
5. Bonnet	Cast Iron ASTM A126 Class B
6. Stem	Steel ASTM A108 12L14 Electroless Ni-Pi
7. Gland Follower Nut	Steel ASTM A307/SAE J429
8. Gland Follower	Cast Iron ASTM A126 Class B or Ductile Iron ASTM A536
9. Packing Gland	Zinc Plated Powdered Iron ASTM B783
10. Gland Follower Stud	Steel ASTM A307/SAE J429
11. Packing	PTFE Braided
12. 1 Body Bolt	Steel ASTM A307/SAE J429
13. Body Gasket	Synthetic Fibers
14. 1 Body Nut	Steel ASTM A563
15. Swivel Nut	Cast Iron ASTM A126 Class B
16. Disc	Cast Iron ASTM A126 Class B
17. Seat Ring	Cast Iron ASTM A126 Class B
18. Body	Cast Iron ASTM A126 Class B

†2" and 10" have hex head steel capscrew.



**F-718-N**  
Flanged



**F-718-N**  
Flg x Flg

## DIMENSIONS—WEIGHTS—QUANTITIES

### Dimensions

Size	A		B		C		D		E		Weight		
	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	Lbs.	Kg.	
2	50	8.00	203	10.19	259	7	178	6.00	152	.63	16	33	15
2½	65	8.50	216	11.81	300	8	203	7.00	178	.69	17	49	22
3	80	9.50	241	12.50	318	8	203	7.50	191	.75	19	66	30
4	100	11.50	292	15.81	402	10	254	9.00	229	.94	24	97	44
5	125	13.00	330	16.50	419	10	254	10.00	254	.94	24	141	64
6	150	14.00	356	18.88	479	12	305	11.00	279	1.00	25	183	83
8	200	19.50	495	21.13	537	16	406	13.50	343	1.13	29	359	163
10	250	24.50	622	25.19	640	18	457	16.00	406	1.19	30	611	277

\*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.



**WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Visit [www.nibco.com](http://www.nibco.com) for current Chem-Guide and galvanic potential in piping systems information.