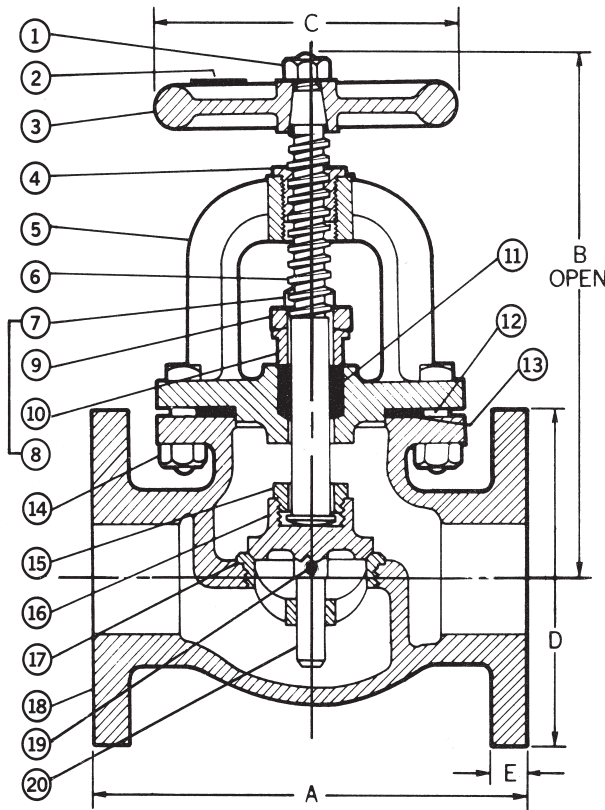


# IR116-HI 2"-10"

**Iron Globe Valve**  
**125 SWP - 200 WOG †**  
**Solid Wedge Disc**  
**Bolted Bonnet • Flanged Ends**  
**Conforms to: MSS SP-85**

Flange shape and drilling to specification ASME B16.1 (125 lb.)



MATERIAL LIST			
No.	PART	MATERIAL	SPECIFICATION
1	Handwheel Nut	Steel	ASTM A307-B
2	Name Plate	Aluminum	
3	Handwheel	Cast Iron	ASTM A126, Class B
4	Yoke Bushing	Bronze	ASTM B62
5	Bonnet	Cast Iron	ASTM A126, Class B
6	Stem	Brass	ASTM B16
7	Gland Follower Nut	Bronze	
8	Gland Follower Stud	Steel	ASTM A307-B
9	Gland Follower	Ductile Iron	ASTM A 536
10	Packing Gland	Cast Bronze	ASTM B62
11	Packing	Graphite	
12	Body Bolt	Steel	ASTM A307-B
13	Body Gasket	Graphite	
14	Body Nut	Steel	ASTM A307-B
15	Swivel Nut	Bronze	ASTM B62
16 1	Disc	Bronze	ASTM B62
17	Seat Ring	Bronze	ASTM B62
18	Body	Cast Iron	ASTM A126, Class B
19 1	Taper Pin	Steel	
20 1	Guide Pin	Brass	ASTM B16

<sup>1</sup> Sizes through 2 1/2" have bronze ASTM B62 disc. 3" through 10" have iron disc with bronze disc face rings and brass pilots.

DIMENSIONS - INCHES/MILLIMETERS							
Units	Size	A	B	C	D	E	C <sub>v</sub>
Inches mm	2	8.00 203	10.19 259	7.00 178	6.00 152	0.63 16	45
Inches mm	2 1/2	8.50 216	11.81 300	7.00 178	7.00 178	0.69 17	70
Inches mm	3	9.50 241	12.50 318	8.00 203	7.50 191	0.75 19	105
Inches mm	4	11.50 292	15.81 402	10.00 254	9.00 229	0.94 24	195
Inches mm	5	13.00 331	16.50 419	12.00 305	10.00 254	0.94 24	315
Inches mm	6	14.00 356	18.88 479	12.00 305	11.00 279	1.00 25	465
Inches mm	8	19.50 495	21.13 537	14.00 356	13.50 343	1.13 29	860
Inches mm	10	24.50 622	25.19 640	16.00 406	16.00 406	1.19 30	1390

Suffix HI – Signifies International Valves.

† Non-Shock

Note: Does not meet Senate Law S.3874

The information presented on this sheet is correct at time of publication. Hammond Valve reserves the right to change design and/or materials without notice. For our Installation, Operation and Maintenance Manual and the most current product information go to [www.hammondvalve.com](http://www.hammondvalve.com). Hammond Valve is a registered trademark of Milwaukee Valve.

⚠ State of California Prop 65 **WARNING: Cancer and Reproductive Harm.** For more information visit [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).