

GATE IR1138-HI IRON

125 lb. SWP-200 lb. WOG† • Non-Rising Stem
Solid Wedge Disc • Bolted Bonnet • Gland Packed • Flanged Ends

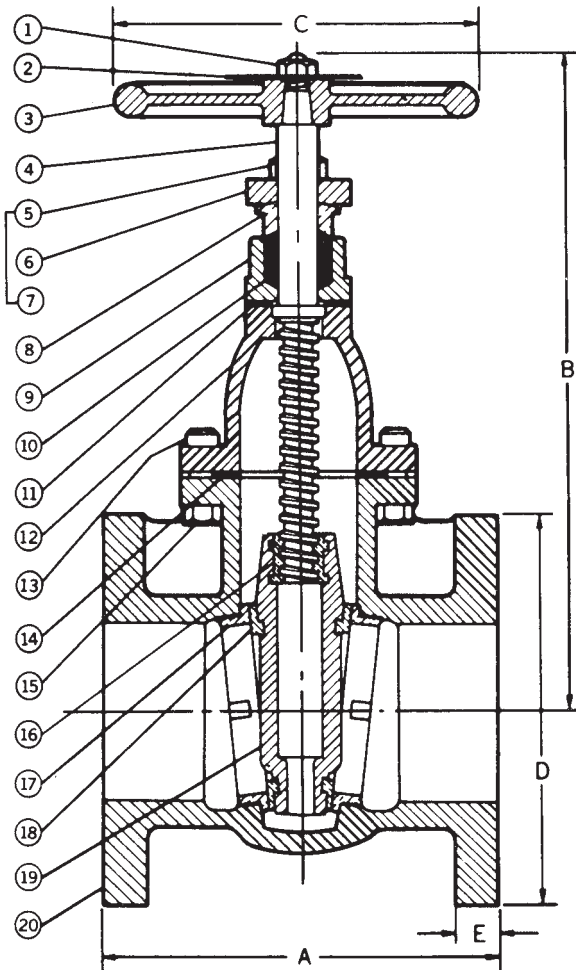
Flange shape and drilling to specification ASME B 16.1 (125 lb.)

SPECIFICATIONS

IR1138-HI Conforms to: MSS SP-70.

MATERIAL LIST

NO.	DESCRIPTION	MATERIAL & 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
5	Gland Follower Nut	Steel ASTM A 307
6	Gland Follower	Ductile Iron ASTM A 536
7	Gland Follower Bolt	Steel ASTM A 307
8	Packing Gland	Cast Bronze ASTM B 62
9	Stuffing Box	Cast Iron ASTM A 126, Class B
10	Packing	Non-Asbestos
11	Stuffing Box Gasket	Non-Asbestos
12	Bonnet	Cast Iron ASTM A 126, Class B
13	Body Bolt	Steel ASTM A 307
14	Body Gasket	Non-Asbestos
15	Body Nut	Steel ASTM A 307
16	Wedge Bushing	Bronze ASTM B 62
17	Seat Ring	Bronze ASTM B 62
18	Wedge Face Ring	Bronze ASTM B 62
19	Wedge	Cast Iron ASTM A 126, Class B
20	Body	Cast Iron ASTM A 126, Class B
21	Stuffing Box Nut (not shown)	Steel ASTM A 307



DIMENSIONS - INCHES / MILLIMETERS

UNITS	SIZE	A	B	C	D	E	C _v
Inches	2	7.00	12.00	7.00	6.00	0.63	215
mm	50.80	177.80	304.80	177.80	152.40	15.88	
Inches	2 1/2	7.50	13.25	7.00	7.00	0.69	335
mm	63.50	190.50	336.55	177.80	177.80	17.48	
Inches	3	8.00	15.00	8.00	7.50	0.75	510
mm	76.20	203.20	381.00	203.20	190.50	19.05	
Inches	4	9.00	17.75	10.00	9.00	0.94	945
mm	101.60	228.60	450.85	254.00	228.60	23.83	
Inches	5	10.00	20.13	12.00	10.00	0.94	1525
mm	127.00	254.00	511.18	304.80	254.00	23.83	
Inches	6	10.50	23.13	12.00	11.00	1.00	2250
mm	152.40	266.70	587.38	304.80	279.40	25.40	
Inches	8	11.50	27.75	14.00	13.50	1.13	4150
mm	203.20	292.10	704.85	355.60	342.90	28.58	
Inches	10	13.00	32.31	16.00	16.00	1.19	6700
mm	254.00	330.20	820.75	406.40	406.40	30.18	
Inches	12	14.00	37.38	18.00	19.00	1.25	9925
mm	304.80	355.60	949.33	457.20	482.60	31.75	

† Non-Shock Suffix HI – Signifies International Valves.

Rev. 3

BETTER AT EVERY TURN



HAMMONDVALVE
www.hammondvalve.com

The information presented on this sheet is correct at the time of publication. Hammond Valve reserves the right to change design, and/or material specifications without notice. For the Installation, Operation and Maintenance Manual (IOM) see the engineering section on our website. For the most current information access www.hammondvalve.com