

IR1140-HI 2"-12"

IR1146-HI 2"-12"

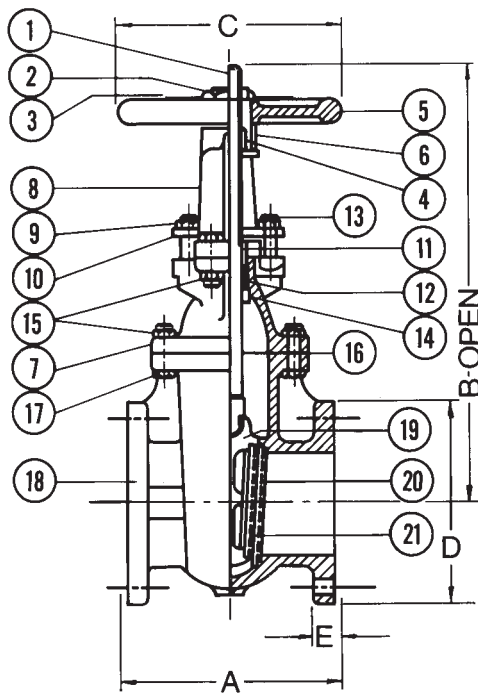
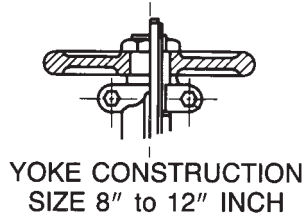
Iron Gate Valve
125 SWP-200 WOG†
Solid Wedge Disc • OS and Y
Bolted Bonnet • Gland Packed • Flanged Ends
Conforms to: MSS SP-70

IR1146-HI same as IR1140-HI except in all Iron.
 Flange shape and drilling to specification ASME B 16.1 (125 lb.)

MATERIAL LIST

NO.	DESCRIPTION	MATERIAL & SPECIFICATION
1	Stem	Brass ASTM B 16
2	Handwheel Nut	Ductile Iron
3	Identification Plate	Aluminum
4	Yoke Bushing	Cast Bronze ASTM B 62
5	Handwheel	Cast Iron ASTM A 126, Class B
6 ²	Yoke Bushing Nut	Cast Iron ASTM A 126, Class B
7 ¹	Bonnet	Cast Iron ASTM A 126, Class B
8 ¹	Yoke	Cast Iron ASTM A 126, Class B
9	Gland Follower Nut	Steel ASTM A 307-B
10	Gland Follower	Ductile Iron ASTM A 536
11	Packing Gland	Cast Bronze ASTM B 62
12	Packing	Graphite
13	Gland Follower Bolt	Steel ASTM A 307-B
14	Backseat Bushing	Cast Bronze ASTM B 62
15	Nut	Steel ASTM A 307-B
16	Body Gasket	Graphite
17	Bolt	Steel ASTM A 307-B
18	Body	Cast Iron ASTM A 126, Class B
19	Wedge	Cast Iron ASTM A 126, Class B
20	Seat Ring	Cast Bronze ASTM B 62
21	Wedge Face Ring	Cast Bronze ASTM B 62

¹ Sizes 2" to 3" made with yoke integral with bonnet.
 Sizes 4" through 12" made with separate yoke bolted to bonnet.
² Sizes 2" to 3" only



DIMENSIONS - INCHES / MILLIMETERS							
UNITS	SIZE	A	B	C	D	E	C _v
Inches	2	7.00	15.00	7.00	6.00	0.63	215
mm	50.8	177.8	381.0	177.8	152.4	15.9	
Inches	2 1/2	7.50	16.88	8.00	7.00	0.69	335
mm	63.5	190.5	428.6	203.2	177.8	17.5	
Inches	3	8.00	18.75	8.00	7.50	0.75	510
mm	76.2	203.2	476.3	203.2	190.5	19.1	
Inches	4	9.00	22.75	10.00	9.00	0.94	945
mm	101.6	228.6	577.9	254.0	228.6	23.8	
Inches	5	10.00	27.13	10.00	10.00	0.94	1525
mm	127.0	254.0	689.0	254.0	254.0	23.8	
Inches	6	10.50	30.13	12.00	11.00	1.00	2250
mm	152.4	266.7	765.2	304.8	279.4	25.4	
Inches	8	11.50	40.13	14.00	13.50	1.13	4150
mm	203.2	292.1	1019.2	355.6	342.9	28.6	
Inches	10	13.00	48.25	16.00	16.00	1.81	6700
mm	254.0	330.2	1225.6	406.4	406.4	46.1	
Inches	12	14.00	56.88	18.00	19.00	1.25	9925
mm	304.8	355.6	1444.6	457.2	482.6	31.8	

† Non-Shock Suffix HI – Signifies International Valve.

Rev. 7

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 Hammond Valve is a registered trade mark of Milwaukee Valve Company.

BETTER AT EVERY TURN

