

5200-HI Series* 2"-12"



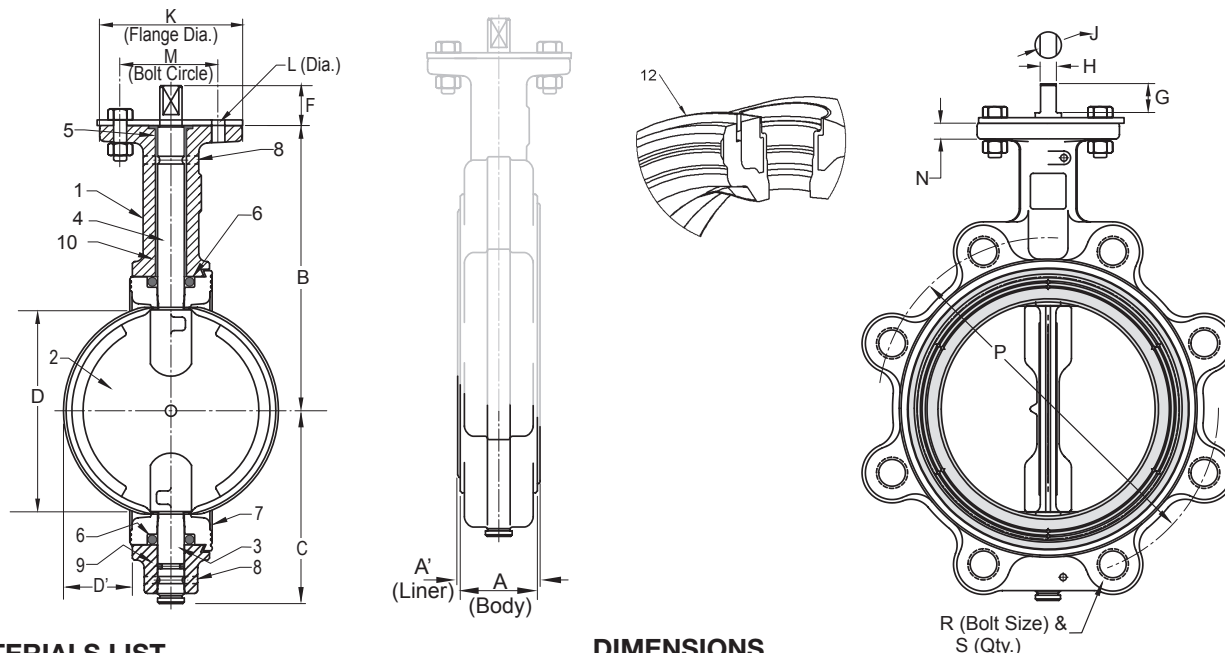
Tested and Certified by
IAFMO R&T to NSF/ANSI 372
for lead free compliance.

Iron Butterfly Valve for Potable Water

200 psi Non-Shock WOG

Bi-Directional Dead End Service to 200 psi Max

Specifications: API-609 MSS SP-67 Type 1



MATERIALS LIST

ITEM	PART	MATERIALS
1	BODY	CAST IRON ASTM A126 CL B
2	DISC	ALUMINUM BRONZE ASTM B148
3	BOTTOM STEM	STAINLESS STEEL TYPE 416
4	TOP STEM	STAINLESS STEEL TYPE 416
5	TOP BEARING	REINFORCED NYLON
6	SEAL	EPDM
7	LINER	EPDM
8	ROLL PIN	STAINLESS STEEL
9	STEM SEAL	EPDM
10	LOWER BEARING	REINFORCED NYLON
11	OPERATOR	LEVER HANDLE EPOXY COATED LEVER HANDLE GEAR OPERATOR GEAR OPERATOR WITH MEMORY STOP GEAR OPERATOR WITH LOCK
12	RETAINING RING	ST1066 SPRING STEEL (65Mn)

DIMENSIONS

		VALVE SIZE									
		INCHES DN	2	2-1/2	3	4	5	6	8	10	12
A (Body)	INCHES	50	65	80	100	125	150	200	250	300	
	mm	1.69	1.81	1.81	2.07	2.19	2.19	2.38	2.69	3.06	
A ¹ (Liner)	INCHES	1.82	1.94	1.94	2.20	2.32	2.32	2.51	2.82	3.21	
	mm	46	49	49	55	58	58	63	71	82	
B	INCHES	5.50	6.00	6.25	7.00	7.53	8.00	9.38	10.56	12.06	
	mm	139	152	158	177	191	203	238	268	306	
C	INCHES	3.06	3.31	3.75	4.25	4.94	5.56	5.56	7.88	9.25	
	mm	77	84	95	108	125	141	166	200	235	
D (Chord Dia)	INCHES	1.49	2.01	2.64	3.67	4.71	5.66	7.72	9.70	11.68	
	mm	37	51	67	93	119	143	196	246	296	
D ¹ (Intrusion)	INCHES	0.28	0.44	0.69	1.06	1.50	1.94	2.84	3.69	4.50	
	mm	7	11	17	27	38	49	72	93	114	
F	INCHES	1.13	1.13	1.13	1.13	1.13	1.13	1.50	1.50	1.50	
	mm	28	28	28	28	28	28	38	38	38	
G	INCHES	0.81	0.81	0.81	0.81	0.81	0.81	1.06	1.06	1.06	
	mm	20	20	20	20	20	20	27	27	27	
H	INCHES	0.35	0.35	0.35	0.40	0.40	0.40	0.53	0.71	0.71	
	mm	8	8	8	10	10	11	13	18	18	
J	INCHES	0.50	0.50	0.50	0.56	0.56	0.62	0.75	1.00	1.00	
	mm	12	12	12	14	14	14	19	25	25	
K	INCHES	4	4	4	4	4	4	6	6	6	
	mm	101	101	101	101	101	101	152	152	152	
L (Dia)	INCHES	0.44	0.44	0.44	0.44	0.44	0.44	0.56	0.56	0.56	
	mm	11	11	11	11	11	11	14	14	14	
M	INCHES	3.25	3.25	3.25	3.25	3.25	3.25	5.00	5.00	5.00	
	mm	82	82	82	82	82	82	127	127	127	
N	INCHES	0.44	0.44	0.44	0.44	0.44	0.44	0.50	0.50	0.50	
	mm	11	11	11	11	11	11	12	12	12	
P	INCHES	4.75	5.50	6.00	7.50	8.50	9.50	11.75	14.25	17.00	
	mm	120	139	152	190	215	241	298	362	431	
R	INCHES	5/8-11	5/8-11	5/8-11	5/8-11	3/4-10	3/4-10	3/4-10	7/8-9	7/8-9	
	mm	15.875	15.875	15.875	15.875	19.0	19.0	19.0	22.0	22.0	
S	INCHES	4	4	4	8	8	8	8	12	12	
	mm	101	101	101	203	203	203	203	305	305	

***Note:** Lead free refers to the wetted surface of the pipe, fittings and fixtures in potable water systems that have a weighted average lead content $\leq 0.25\%$. Source: California Health and Safety Code (116875).

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 Technical/Service Information section on our website. For the most current information access www.hammondvalve.com
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6	2	1	1	01
SERIES	BODY DESCRIPTION / MATERIAL	DISC & STEM MATERIAL DESCRIPTION	LINER MATERIAL	OPTIONS
6 - 6000 SERIES	1 - WAFER / IRON (ASTM B126B)*	0 - NICKEL COATED DUCTILE	0 - BUNA - N	00 - BARE STEM
5 - 5000 SERIES	2 - LUG / IRON (ASTM B126B)*	IRON / 416 S.S.	1 - EPDM	01 - 10 POSITION LEVER LOCK
	3 - WAFER / DUCTILE (ASTM A536)	1 - ALUMINUM/BRONZE (ASTM B148) / 416 S.S.	3 - VITON	02 - INFINITE POSITION W/ MEMORY STOP
	4 - LUG / DUCTILE (ASTM A536)	2 - 316 S.S. / 316 S.S.	4 - EPOXY COATED IRON	03 - GEAR OPERATOR W/ HANDWHEEL
	8 - WAFER / DUCTILE EPOXY COATED	3 - BRONZE (ASTM B148) / 316 S.S.	5 - BLACK NEOPRENE	04 - BURIED SERVICE GEAR OPERATOR
	9 - LUG / DUCTILE EPOXY COATED	4 - NICKEL COATED DUCTILE	6 - WHITE NEOPRENE	W/ OPERATING NUT
		IRON / 316 S.S.	7 - HYPALON	
		5 - EPOXY COATED IRON	8 - TEFLON OVER BUNA	
		6 - NYLON COATED IRON		
* 5000 SERIES IS ONLY AVAILABLE IN CAST IRON WAFER OR LUG BODY WITH ALUMINUM BRONZE DISC, EPDM LINER, LEVER OR GEAR OPERATOR. *HAMMOND VALVE RESERVES THE RIGHT TO UPGRADE TO DUCTILE IRON BODIES WITHOUT NOTICE AND WITHOUT ADDITIONAL COST.				