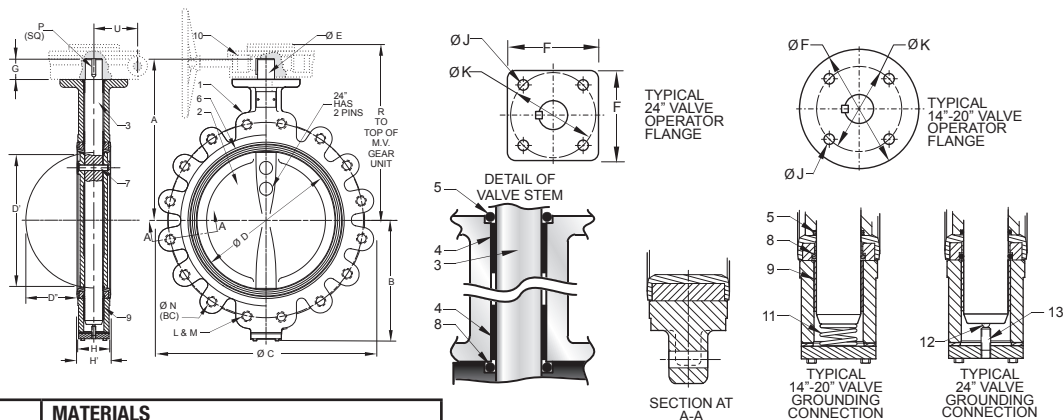


6200HP Series 14"-24"

Iron Butterfly Valve
Lug Style
200 psi Non-Shock WOG
End Service to 150 psi Max*
Specifications: MSS SP-67 Type 1



MATERIALS LIST

ITEM	PART	MATERIALS
1	BODY	DUCTILE IRON ASTM A536 DUCTILE IRON-EPOXY COATED
2	DISC	NP DUCTILE IRON ASTM A536 ALUMINUM BRONZE ASTM B148 STAINLESS STEEL ASTM A351 CF8M
3	STEM	STAINLESS STEEL TYPE 416 STAINLESS STEEL TYPE 316 (2)
4	TOP BEARING	REINFORCED NYLON
5	STEM O-RING	EPDM, BUNA, VITON
6	LINER	BUNA EPDM VITON
7	STEM PIN	ANSI 4140 OR AISI 6150
8	LINER O-RING	EPDM, BUNA, VITON
9	LOWER BEARING	REINFORCED NYLON
10	OPERATOR	GEAR OPERATOR GEAR OPERATOR WITH MEMORY STOP GEAR OPERATOR WITH LOCK ACTUATOR-AIR/AIR (1) ACTUATOR-AIR/SPRING (1) ACTUATOR-ELECTRIC (1)
11 14"-20"	GROUNDING SPRING	STAINLESS STEEL TYPE 302
12 24" Only	GROUNDING BALL	AISI-1022
13 24" Only	TENSION SCREW	AISI-1020

(1) - CONSULT AUTOMATION DEPARTMENT.

(2) - 316 STAINLESS STEEL USED WITH CF8M DISC.

*UNI-DIRECTIONAL

DIMENSIONS

	VALVE SIZE					
	INCHES	14	16	18	20	24
	DN	352	406	457	508	610
A	INCHES	15.50	16.75	18.50	19.75	22.43
	mm	398	425	469	501	569
B	INCHES	11.56	12.69	13.63	15.13	18.06
	mm	258	322	346	384	458
C	INCHES	21.00	23.50	25.00	27.50	32.10
	mm	533	596	635	698	815
D	INCHES	13.25	15.25	17.24	19.24	23.25
	mm	336	387	438	489	591
D ¹ (Chord Dia.)	INCHES	12.94	14.77	16.70	18.64	22.49
	mm	329	375	424	474	571
D ¹¹ (Intrusion)	INCHES	5.06	5.59	6.34	7.09	8.55
	mm	128	142	161	180	217
E	INCHES	1.63	1.63	2.13	2.13	2.13
	mm	41	41	54	54	54
F	INCHES	6.50	6.50	9.50	9.50	7.50
	mm	165	165	241	241	190
G	INCHES	2.00	2.00	3.00	3.00	3.06
	mm	50	50	76	76	77
H (Body)	INCHES	3.06	4.00	4.50	5.00	6.06
	mm	77	101	114	127	153
H ¹ (Liner)	INCHES	3.19	4.13	4.63	5.13	6.19
	mm	81	104	117	130	157
J	INCHES	0.69	0.69	0.81	0.81	0.81
	mm	17	17	20	20	20
K	INCHES	5.25	5.25	7.50	7.50	7.50
	mm	133	133	190	190	190
L	No. of Holes	12	16	16	20	20
M	Thread Size	1-8	1-8	1 1/8-7	1 1/8-7	1 1/4-7
N	INCHES	18.75	21.25	22.75	25.00	29.50
	mm	476	540	577	635	749
P (Key Size)	INCHES	0.38	0.38	0.50	0.50	0.50
	mm	9	9	12	12	12
R	INCHES	17.25	18.75	19.63	20.88	25.00
	mm	438	476	458	530	635
U	INCHES	3.13	3.13	4.50	4.50	4.63
	mm	79	79	114	114	117

Note: The wetted surface of this product (In any material combination.) contacted by consumable water contains less than one quarter of one percent (.25%) of lead by weight.

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. 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.

6	2	1	1	01
SERIES	BODY DESCRIPTION / MATERIAL	DISC & STEM MATERIAL DESCRIPTION	LINER MATERIAL	OPTIONS
6 - 6000 SERIES	1 - WAFER / IRON (ASTM A126B)*	0 - NICKEL PLATED DUCTILE	0 - BUNA - N	00 - BARE STEM
5 - 5000 SERIES	2 - LUG / IRON (ASTM A126B)*	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 - 10 POSITION LEVER W/ MEMORY STOP
	4 - LUG / DUCTILE (ASTM A536)	2 - 316 S.S. / 316 S.S.	5 - BLACK NEOPRENE	03 - GEAR OPERATOR W/ HANDWHEEL
	8 - WAFER / DUCTILE EPOXY COATED	3 - ALUMINUM/BRONZE (ASTM B148) / 316 S.S.	6 - WHITE NEOPRENE	
	9 - LUG / DUCTILE EPOXY COATED	4 - NICKEL PLATED DUCTILE	7 - HYPALON	
		IRON / 316 S.S.	8 - TEFLON OVER BUNA	
		5 - EPOXY COATED IRON		
		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.

BUTTERFLY FEATURES & OPTIONS

STANDARD FEATURES

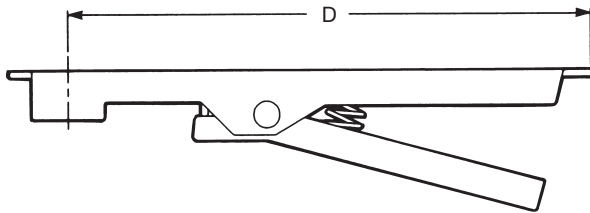
HEAVY DUTY DESIGN
PHENOLIC CARTRIDGE DESIGN
LOW TORQUE LINER
BUBBLE TIGHT SHUT OFF
LOW TORQUE POLYMER BEARING STD
DEAD END SERVICE (LUG ONLY)
FIELD REPAIRABLE

EXTENDED NECK BODY
LOW PROFILE DISC
BLOWOUT PROOF STEMS
STAINLESS STEEL STEMS (416)
BI-DIRECTIONAL SHUT OFF (EXCEPT AS NOTED)
VACUUM RATINGS TO 29" OF MERCURY

OPERATORS

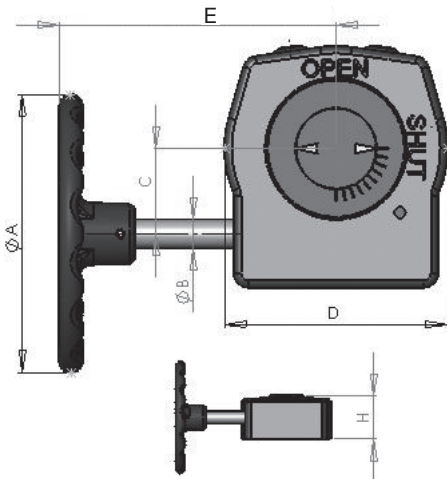
MANUAL

10 POSITION, PAD LOCKABLE, DUCTILE IRON LEVER HANDLE –STD, EPOXY COATING OPTIONAL.



VALVE SIZE	PART NUMBER	D-DIMENSION (inches)
2, 2-1/2, 3	84016-LL	9.00
4, 5	84016-RL	11.00
6	84016-SL	11.00
8	84016-UL	15.00
10, 12	84016-WL	15.00

WEATHER RESISTENT GEAR OPERATOR, CAST IRON, MEMORY STOP AND LOCKING DEVICE OPTIONAL.



VALVE SIZE	PART NUMBER	GEAR RATIO	ØA	ØB	C	D	E	H
2-3	8115-24N-L	24:1	6.00	0.63	1.80	4.20	8.80	2.30
4-5	8115-24N-R	24:1	6.00	0.63	1.80	4.20	8.80	2.30
6	8115-24N-S	24:1	6.00	0.63	1.80	4.20	8.80	2.30
8	8115-30N-U	30:1	9.00	0.75	2.60	6.03	8.50	3.23
10-12	8115-30N-W	30:1	9.00	0.75	2.60	6.03	8.50	3.23
14-16	8115-48N-16	50:1	12.00	0.75	3.10	6.97	13.40	3.46
18-20	8115-65N-20	80:1	12.00	1.00	4.93	10.30	12.60	4.63
24	8115-78N-24	120:1	16.00	1.00	4.93	10.30	12.60	6.00

ACTUATORS

PNEUMATIC ACTUATORS
DOUBLE ACTING ACTUATORS
SPRING-RETURN ACTUATORS
SOLENOID VALVES
LIMIT SWITCHES
VALVE POSITIONERS

120 VOLT AC AND DC VOLTAGES
NEMA 4 AND 7 HOUSING
4-20 mA DC VALVE POSITIONERS
ACTUATOR BRACKETS
EXTRA LIMIT SWITCHES
ELECTRIC ACTUATORS

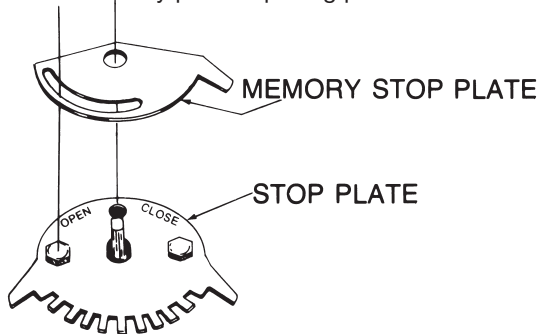
The information presented on this sheet is correct at time of publication. Hammond Valve reserves the right to change design and/or materials without notice. For our Installation, Operation and Maintenance Manual and the most current product information go to www.hammondvalve.com. Hammond Valve is a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

⚠ State of California Prop 65 **WARNING:** Cancer and Reproductive Harm. For more information visit www.p65warnings.ca.gov.

OPTIONS & ACCESSORIES

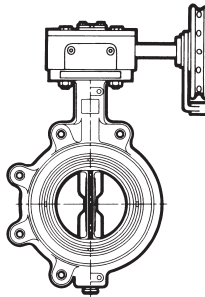
MEMORY STOP

The Memory Stop provides an adjustable stop when the valve is used in a balancing application. The Memory Stop can be set to any preset opening point.



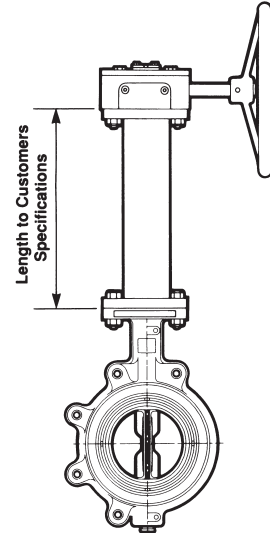
CHAINWHEEL

The chain wheel provides for remote operation of the valve in high, normally out-of-reach locations. Attaches to the gear operator easily for quick valve open/close response. Sprocket rim is aluminum; chain is steel. Specify the handwheel diameter ("A" dimension) and chain length. Chain sold separately.



STEM EXTENSION

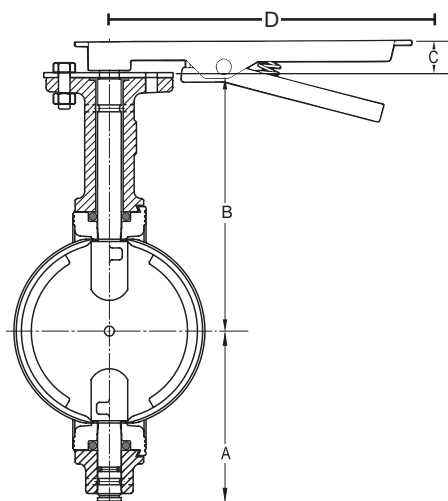
Provides means of operation at a required distance away from the valve body. Manual or automatic, actuators are easily adapted to mounting flange on the extension. To order, specify distance from valve mounting-flange to base of operator.



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. Hammond Valve is a registered trademark of Milwaukee Valve.

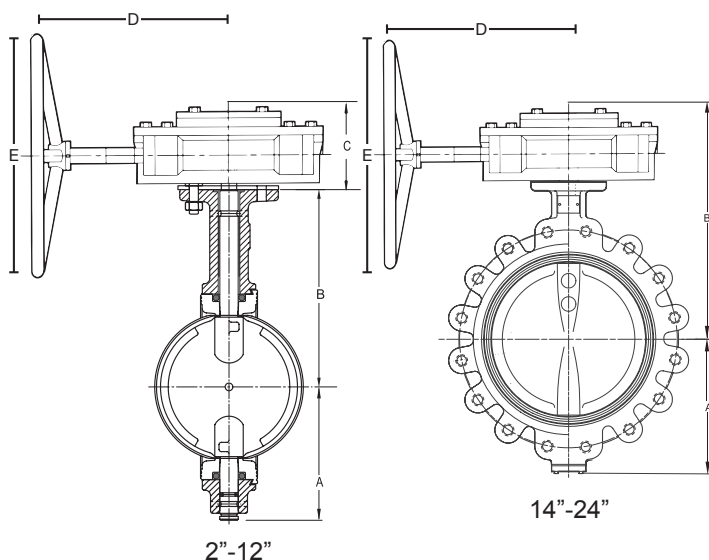
⚠ State of California Prop 65 **WARNING:** Cancer and Reproductive Harm. For more information visit www.p65warnings.ca.gov.

Butterfly Height With Lever or Gear Operator Wafer and Lug Styles



2"-12"

Butterfly with Lever Handle						
Size		A	B	C	D	Height
2"	INCHES	3.06	5.50	1.13	9.00	9.69
2 1/2"	INCHES	3.31	6.00	1.13	9.00	10.44
3"	INCHES	3.75	6.25	1.13	9.00	11.13
4"	INCHES	4.25	7.00	1.13	11.00	12.38
5"	INCHES	4.94	7.53	1.13	11.00	13.60
6"	INCHES	5.56	8.00	1.13	11.00	14.69
8"	INCHES	5.56	9.38	1.50	15.00	16.44
10"	INCHES	7.88	10.56	1.50	15.00	19.94
12"	INCHES	9.25	12.06	1.50	15.00	22.81



2"-12"

14"-24"

Butterfly with Gear Operator							
Size		A	B	C	D	E	Height
2"	INCHES	3.06	5.50	2.30	8.80	6.00	10.86
2 1/2"	INCHES	3.31	6.00	2.30	8.80	6.00	11.61
3"	INCHES	3.75	6.25	2.30	8.80	6.00	12.30
4"	INCHES	4.25	7.00	2.30	8.80	6.00	13.55
5"	INCHES	4.94	7.53	2.30	8.80	6.00	14.77
6"	INCHES	5.56	8.00	2.30	8.80	6.00	15.86
8"	INCHES	5.56	9.38	3.23	8.50	9.00	18.17
10"	INCHES	7.88	10.56	3.23	8.50	9.00	21.67
12"	INCHES	9.25	12.06	3.23	8.50	9.00	24.54
14"	INCHES	11.56	17.25	-	13.40	12.00	28.81
16"	INCHES	12.69	18.75	-	13.40	12.00	31.44
18"	INCHES	13.63	19.63	-	12.60	12.00	33.26
20"	INCHES	15.13	20.88	-	12.60	12.00	36.01
24"	INCHES	18.06	25.00	-	12.60	16.00	43.06

Note: 30"-48" Please see specification sheet.

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. 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.

