



-NOW AVAILABLE FOR SHIPMENT-

AUTOMATED BUTTERFLY VALVES WITH SIEMENS ACTUATORS

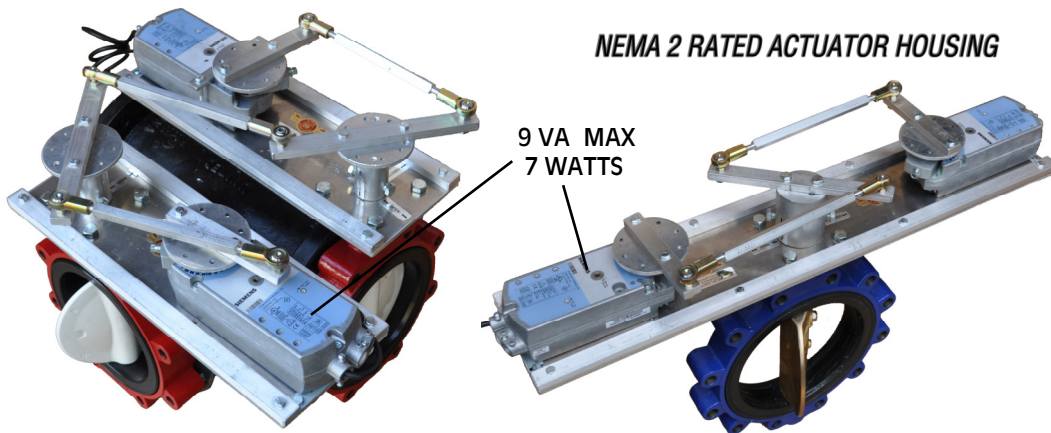
SPRING RETURN VALVE ASSEMBLIES AVAILABLE 2" THROUGH 12"

**GEB & GIB NON-SPRING RETURN ACTUATORS
GCA SPRING RETURN ACTUATORS**

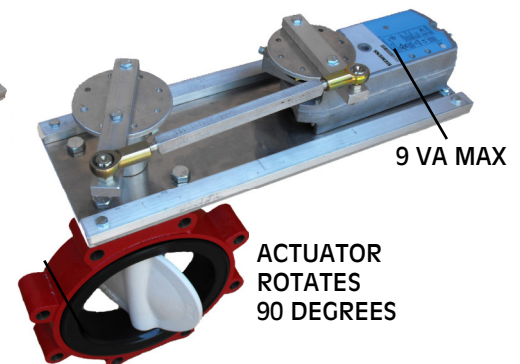
***PRECISE CONTROL REQUIRES NUMEROUS
MODULATING VALVE DISC REPOSITIONS —***

90 TO 60 DEGREE (1.5 TO 1 RATIO) VALVE TURN ASSEMBLY

**ACTUATOR HAS 4 TO 1
LEVER OR TORQUE AD-
VANTAGE FOR VALVE
DISC BREAK-A-WAY
FROM RUBBER LINER**



3-WAY VALVE ARRANGEMENTS

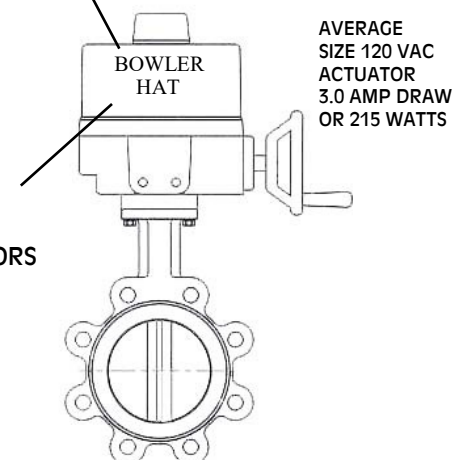


VALVE DISC ROTATES 70 DEGREES

ADVANTAGE OF SELECTING A VALVE ASSEMBLY WITH SIEMENS GEB, GIB, & GCA ACTUATORS

- A. Valve Assembly at Low Cost
- B.) Superior Modulating Resolution for 0-10 VDC/4-20mA Control Signals
- C.) Minimal Replacement of Actuator During Warranty Period
- D.) 20 Year Life Expectancy

**BUTTERFLY VALVE ASSEMBLIES WITH 1/4
TURN BOWLER HAT TYPE ACTUATORS
HAVE A LIMITED AMOUNT OF MODULATING
VALVE DISC REPOSITIONS (RESOLUTION)
RESULT-ING IN EXCESSIVE VALVE CYCLING,
PREMATURE VALVE WEAROUT, AND BURN**



**REQUIRES ELECTRIC
ANTI CONDENSATE
HEATER FOR OUTDOORS
OR HIGH HUMIDITY**

DID YOU KNOW ?

**WESLEY VALVE CO. IS THE ONLY
SUPPLIER OF AUTOMATED BUTTER-
FLY VALVE ASSEMBLIES WITH
SIEMENS ACTUATORS LARGER THAN**

**90 DEG 1/4 TURN VALVE ASSEMBLIES
WITH BOWLER HAT TYPE ACTUATORS ARE
NOT RECOMMENDED WHERE
TIGHT & STABLE FLOW CONTROL IS**



WESLEY VALVE CO.

**MFGRS OF AUTOMATED BUTTERFLY VALVES
3229 North L Street
Pensacola, FL 32505**

PHN: (404) 351-8744 FAX: (404) 351-9340

WWW.WESLEYVALVE.COM

SPRING RETURN VALVE ASSEMBLIES

2 TO 12" AVAILABLE

APPLICATIONS

- A. IDEALLY SUITED FOR CHILLER & COOLING TOWER ISOLATION**
B. COOLING TOWER MODULATING 3-WAY DIVERTING VALVE CONTROL

DIRECT COUPLED ACTION AS DESIGNED

SIEMENS SERIES GCA SPRING RETURN
ACTUATOR TORQUE RATING IS 160 IN. LB.
OR 320 IN. LB. FOR DUAL ACTUATORS

REMOTE ROTARY ACTION

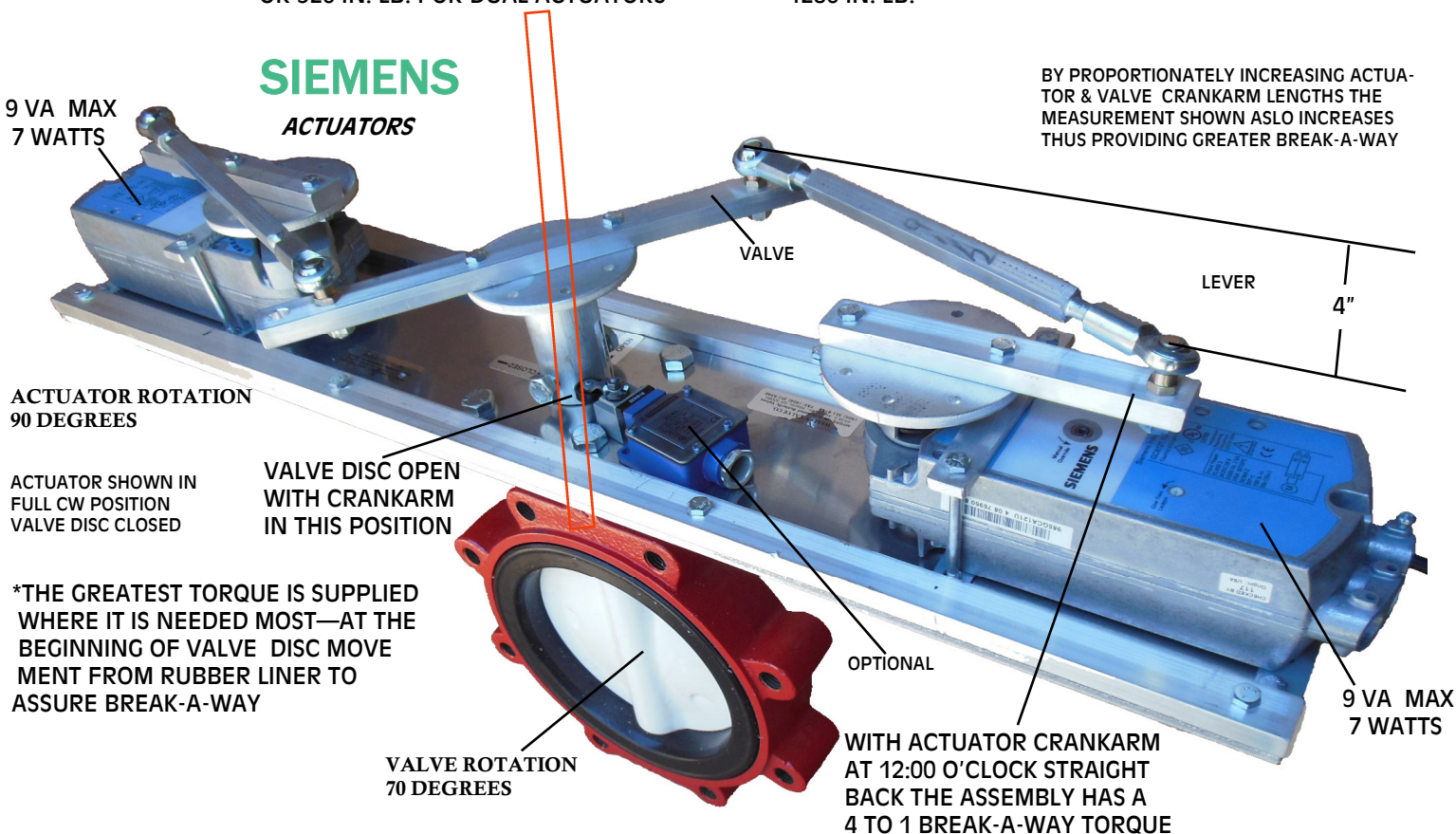
BREAK-A-WAY TORQUEING
ADVANTAGE QUADRUPLES TO
1280 IN. LB.

SIEMENS

ACTUATORS

9 VA MAX
7 WATTS

BY PROPORTIONATELY INCREASING ACTUA-
TOR & VALVE CRANKARM LENGTHS THE
MEASUREMENT SHOWN ALSO INCREASES
THUS PROVIDING GREATER BREAK-A-WAY



ACTUATOR ROTATION
90 DEGREES

ACTUATOR SHOWN IN
FULL CW POSITION
VALVE DISC CLOSED

VALVE DISC OPEN
WITH CRANKARM
IN THIS POSITION

*THE GREATEST TORQUE IS SUPPLIED
WHERE IT IS NEEDED MOST—AT THE
BEGINNING OF VALVE DISC MOVE
MENT FROM RUBBER LINER TO
ASSURE BREAK-A-WAY

VALVE ROTATION
70 DEGREES

OPTIONAL

WITH ACTUATOR CRANKARM
AT 12:00 O'CLOCK STRAIGHT
BACK THE ASSEMBLY HAS A
4 TO 1 BREAK-A-WAY TORQUE

9 VA MAX
7 WATTS

VALVE MID POSITION TO OPEN

VALVE DISC AT MID POSITION TO OPEN—TORQUEING
ADVANTAGE DECREASES AT WORST TO (1.5 TO 1) 480 IN. LB.

***90 TO 60 DEG VALVE TURN ASSEMBLY
INCREASES DISC REPOSITIONS***

BUTTERFLY VALVE

2-WAY VALVE ASSEMBLY

AUTOMATED BUTTERFLY VALVES WITH

SIEMENS ACTUATORS

**SPRING RETURN VALVE ASSEMBLIES AVAILABLE 2" THROUGH 12"
NON SPRING RETURN ASSEMBLIES AVAILABLE 2" THROUGH 16"**



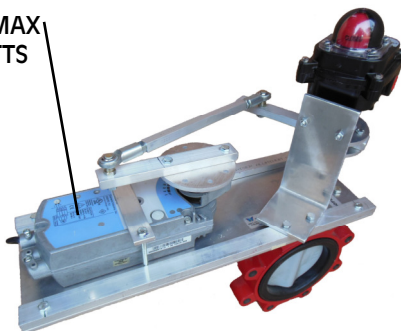
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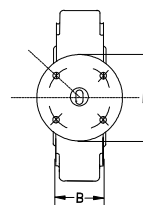
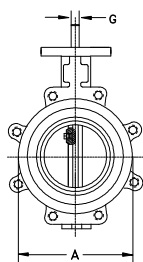
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ACTUATOR PART # * = DUAL ACTUATORS	SIZE	A DIM.	B DIM.	C DIM.	Cv	Max. Close Rating	Bubble Leak Occur.
GEB or GCA	2	4.5	7 1/2	1 5/8	84	125	125#
GEB or GCA	2.5	5.0	8 1/4	1 3/4	163	125	125#
GEB or GCA	3	5.5	9 3/16	1 3/4	267	110	125#
GEB or GCA	4	6.5	10 3/4	2.0	496	110	50#
GIB or GCA	5	7.5	12 1/4	2 1/8	775	95	50#
GIB or GCA	6	8.0	13 15/16	2 1/8	1025	75	50#
GIB or *GCA	8	9.0	14 7/8	2 1/2	1862	95	50#
GIB or *GCA	10	11	17 3/4	2 1/2	2948	75	50#
*GIB or *GCA	12	12	19 3/4	3.0	4393	60	50#
*GIB—(4) on 3-Way	14	14	21 3/4	3.0	5939	70	50#
*GIB—(4) on 3-Way	16	15	24 3/4	4.0	7867	60	50#



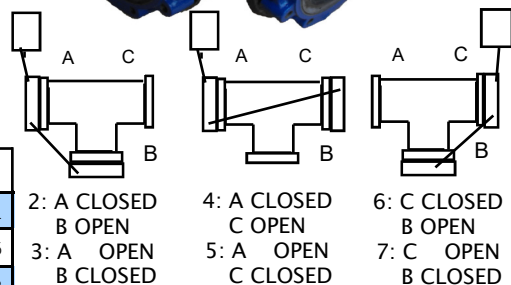
Full Lug Body is Standard

Full Lug
Body is
Standard

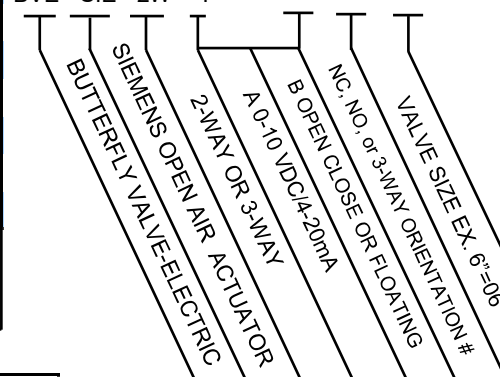


2	144	84	61	43	27	16	7	1
2.5	282	163	107	67	43	24	11	1.5
3	461	267	154	96	61	35	15	2
4	841	496	274	171	109	62	27	3
5	1,376	775	428	268	170	98	43	5
6	1,850	1,025	567	354	225	129	56	6
8	3,316	1,862	1,081	680	421	241	102	12
10	5,430	2,948	1,710	1,076	667	382	162	19
12	8,077	4,393	2,563	1,594	1,005	555	235	27
14	10,538	5,939	3,384	2,149	1,320	756	299	34
16	13,966	7,867	4,483	2,847	1,749	1,001	397	45
	90°	70°	60°	50°	40°	30°	20°	10°

SIZE	A	B	D	E	F	G	H	J	K
2"	3.69	1.62	2.84	5.50	3.54	.55	.39	1.25	1.32
2.5"	4.19	1.75	3.34	6.00	3.54	.55	.39	1.25	1.91
3"	4.88	1.75	4.03	6.25	3.54	.55	.39	1.25	2.55
4"	6.06	2.00	5.16	7.00	3.54	.63	.43	1.25	3.57
5"	7.12	2.12	6.16	7.50	3.54	.75	.51	1.25	4.63
6"	8.12	2.12	7.02	8.00	3.54	.75	.51	1.25	5.45
8"	10.50	2.50	9.47	9.50	5.91	.87	.63	1.25	7.45
10"	12.75	2.50	11.47	10.75	5.91	1.18	.87	2.00	9.53
12"	14.88	3.00	9.47	9.50	5.91	1.18	.87	2.00	11.47
14"	17.05	3.00	15.28	13.62	5.91	1.38	N/A	2.00	13.04
16"	19.21	4.00	17.41	14.75	5.91	1.38	N/A	2.00	14.85



BVF -SIF -2W -Y -ZZ -06 -BS-B



Part Numbering System

BS = Valve Bump Switch
VPI = Visual Pos Indicator
Aux = Actuator Aux Sw
SR = Spring Return
B = Bray P = Pratt
WP = NEMA 4 WeatherProof



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