



-NOW AVAILABLE FOR SHIPMENT-

AUTOMATED BUTTERFLY VALVES WITH SIEMENS ACTUATORS

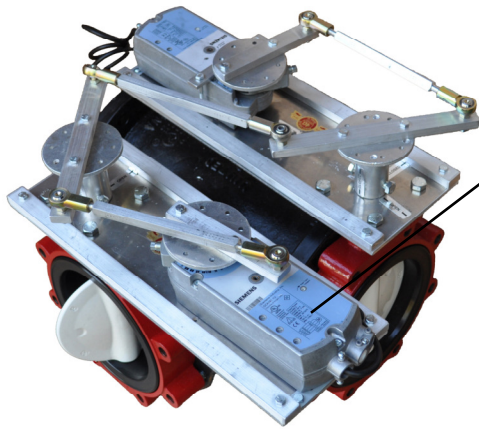
SPRING RETURN VALVE ASSEMBLIES AVAILABLE 2" THROUGH 12"

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

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

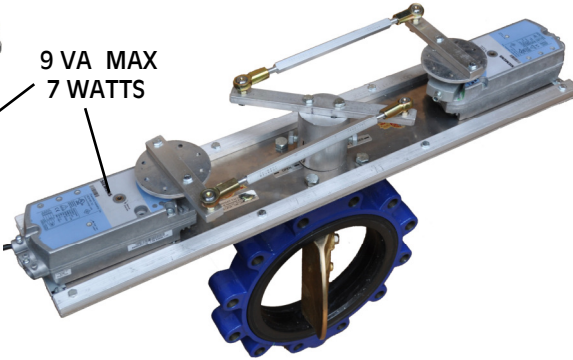
90 TO 60 DEGREE (1.5 TO 1 RATIO) VALVE TURN ASSEMBLY

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

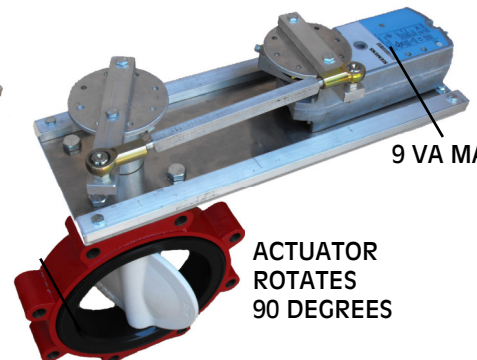


3-WAY VALVE ARRANGEMENTS

NEMA 2 RATED ACTUATOR HOUSING



**9 VA MAX
7 WATTS**



9 VA MAX

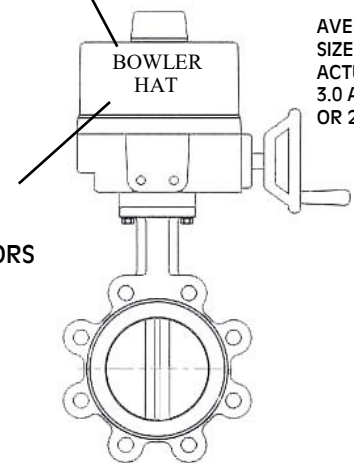
**ACTUATOR
ROTATES
90 DEGREES**

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**



**AVERAGE
SIZE 120 VAC
ACTUATOR
3.0 AMP DRAW
OR 215 WATTS**

**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

USING LEVER ADVANTAGE TO INCREASE TORQUE **AND IMPROVE CONTROL**

DIRECT COUPLED ACTION AS DESIGNED
SIEMENS SERIES GCA SPRING RETURN
ACTUATOR TORQUE RATING IS 160 IN. LB.

REMOTE ROTARY ACTION
BREAK-A-WAY TORQUEING
ADVANTAGE QUADRUPLES TO
656 IN. LB.

VALVE MID POSIOTION TO OPEN
VALVE DISC AT MID POSITION TO OPEN—TORQUEING
ADVANTAGE DECREASES AT WORST TO (1.5 TO 1) 240 IN. LB.

SIEMENS
ACTUATORS

ACTUATOR ROTATION
90 DEGREES

VALVE

VALVE DISC OPEN
4:30

ACTUATOR SHOWN IN
FULL CCW POSITION
VALVE DISC CLOSED

12:00
O'CLOCK
ACTUATOR

4"

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

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

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

VALVE ROTATION
70 DEGREES

BUTTERFLY VALVE
2-WAY VALVE ASSEMBLY

AUTOMATED BUTTERFLY VALVES WITH

SIEMENS ACTUATORS

SPRING RETURN VALVE ASSEMBLIES AVAILABLE 2" THROUGH 12"



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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

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 AS
SURE BREAK-A-WAY

VALVE ROTATION
70 DEGREES

VALVE MID POSIOTION TO OPEN

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

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

VALVE

4"

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

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"

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

REPLACING A FAILED BOWLER HAT ACTUATOR?

**CONSIDER RETROFITTING IT WITH THE MORE
RELIABLE SIEMENS SKY BLUE
ACTUATOR ASSEMBLY AS SHOWN ABOVE**



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