-NOW AVAILABLE FOR SHIPMENT-

AUTOMATED BUTTERFLY VALVES WITH SIEMENS ACTUATORS

SPRING RETURN VALVE ASSEMBLIES AVAILABLE 2" THROUGH 12"

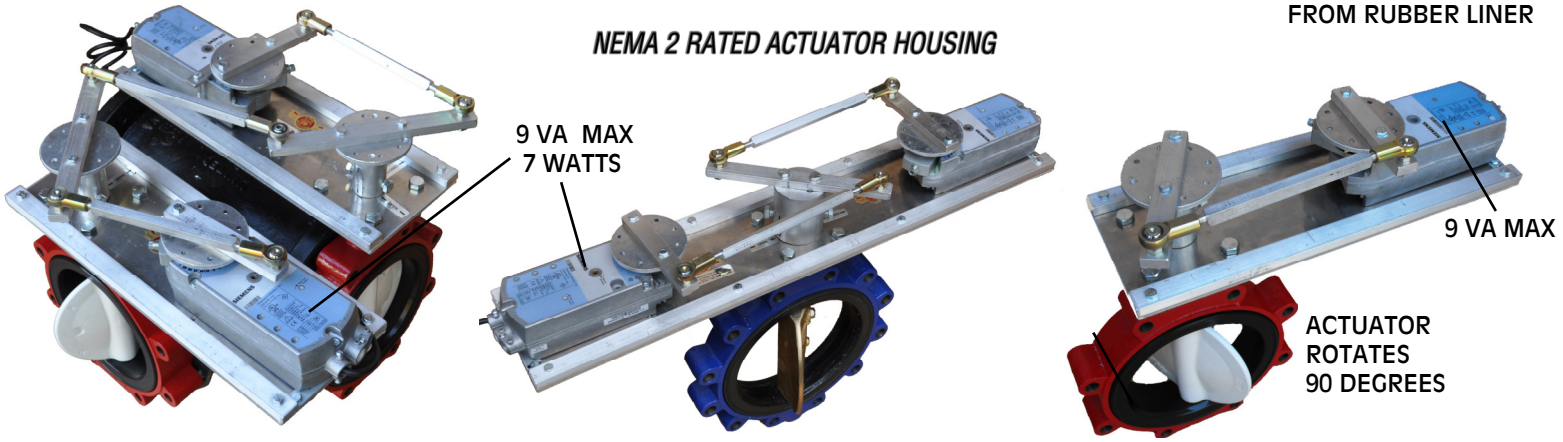
GEB & GIB NON-SPRING RETURN ACTUATORS
GCA SPRING RETURN ACTUATORS

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 ADVANTAGE FOR VALVE DISC BREAK-A-WAY FROM RUBBER LINER

NEMA 2 RATED ACTUATOR HOUSING



3-WAY VALVE ARRANGEMENTS

VALVE DISC ROTATES 70 DEGREES

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

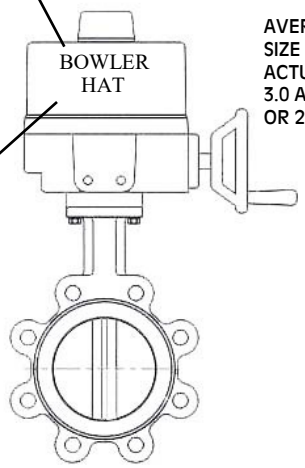
A. Valve Assembly at Low Cost

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



DID YOU KNOW ?

WESLEY VALVE CO. IS THE ONLY SUPPLIER OF AUTOMATED BUTTERFLY 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

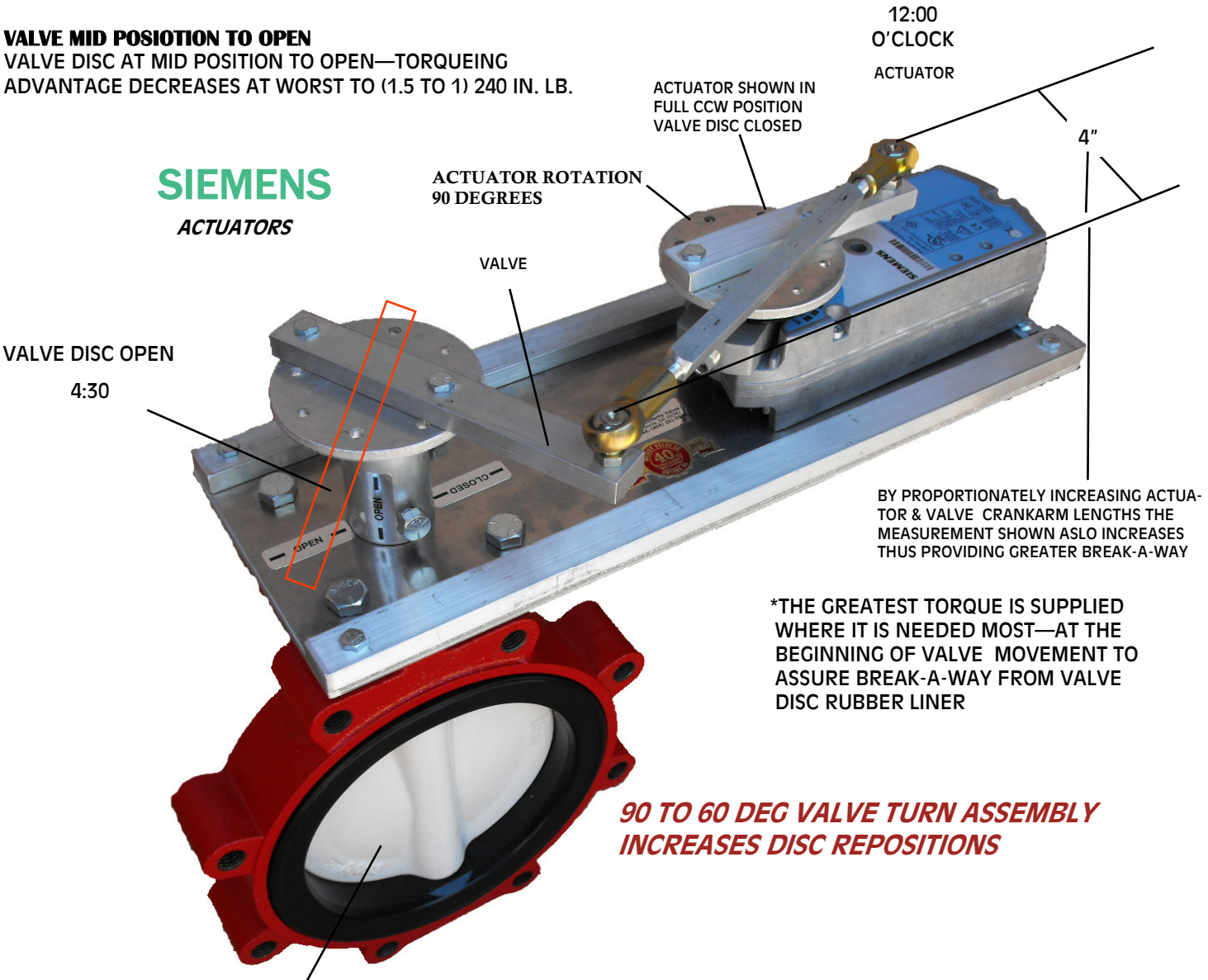
WESLEY VALVE CO.
MFGRS OF AUTOMATED BUTTERFLY VALVES
PHN: (404) 351-8744 FAX: (404) 351-9340
WWW.WESLEYVALVE.COM

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.



*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

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

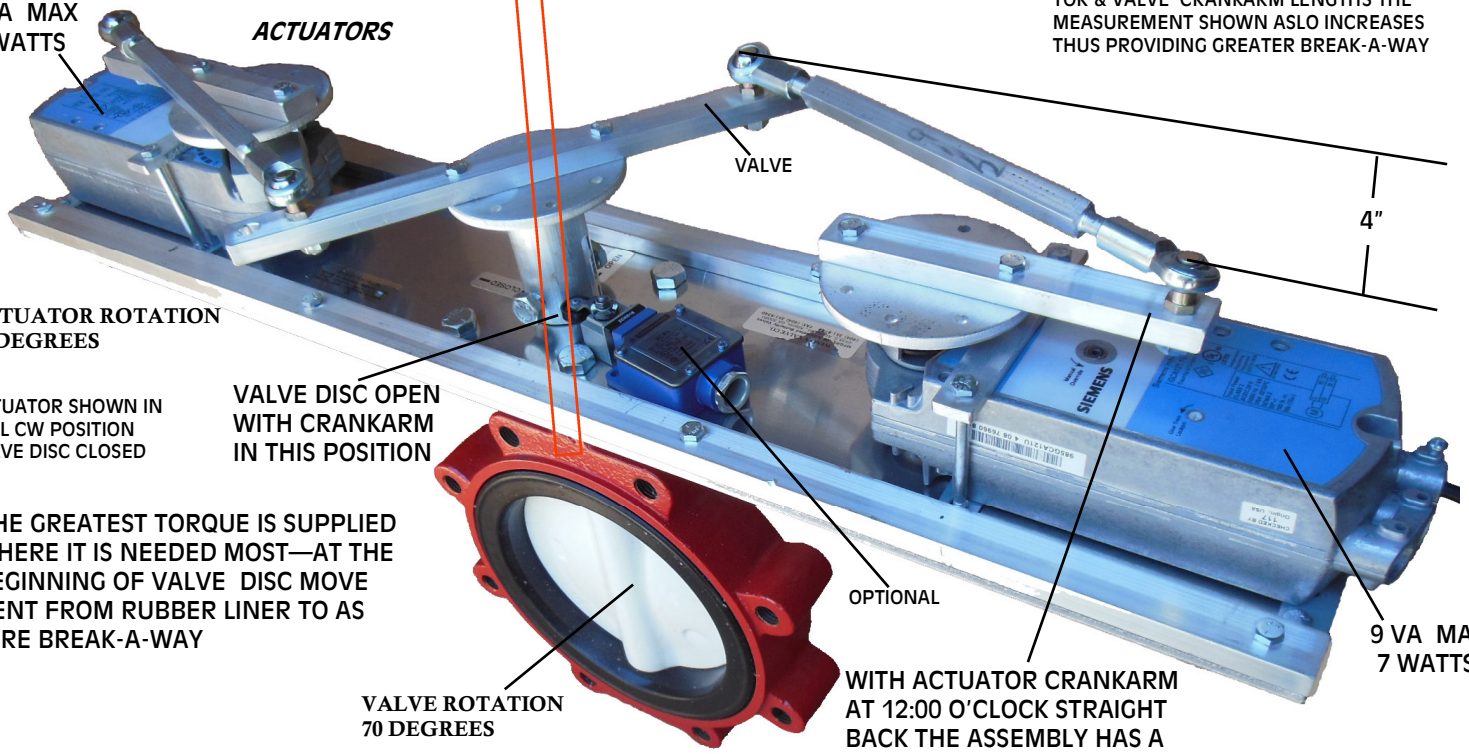
DIRECT COUPLED ACTION AS DESIGNED
SIEMENS SERIES GCA SPRING RETURN ACTUATOR TORQUE RATING IS 160 IN. LB. OR 320 IN. LB. FOR DUAL ACTUATORS

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

SIEMENS
ACTUATORS

9 VA MAX
7 WATTS

BY PROPORTIONATELY INCREASING ACTUATOR & 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 DISC MOVE MENT FROM RUBBER LINER TO AS SURE BREAK-A-WAY

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

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.

REPLACING A FAILED BOWLER HAT ACTUATOR ?

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

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

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