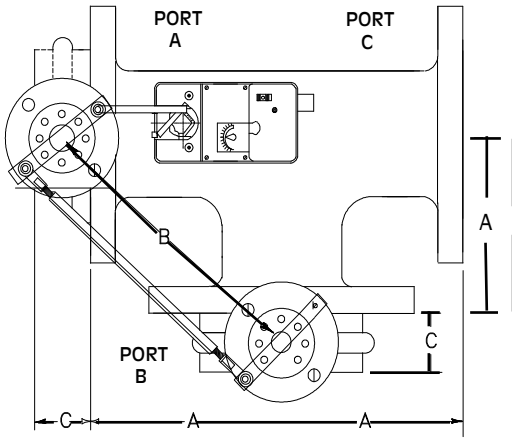
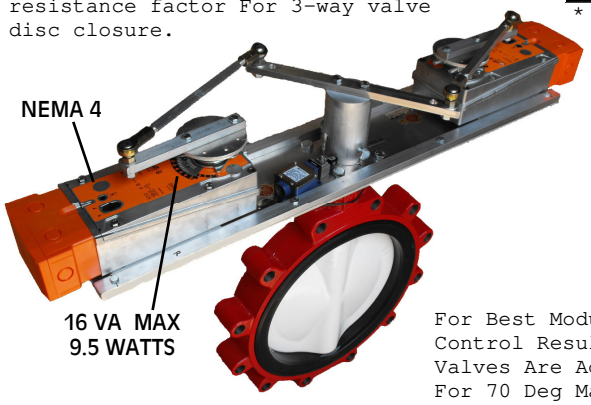
AUTOMATED BUTTERFLY VALVES WITH BELIMO ACTUATORS



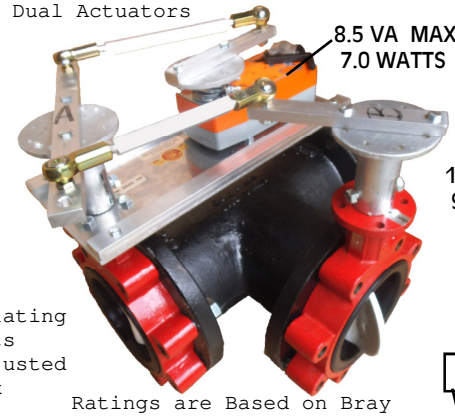
System pressure is normally not a resistance factor For 3-way valve disc closure.

ACTUATOR PART # * = DUAL ACTUATORS	SIZE	A DIM.	B DIM.	C DIM.	Cv	Max. Close Rating	Bubble Leak Occur.
AFB SERIES	2	4.5	7 1/2	1 5/8	84	125	125#
AFB SERIES	2.5	5.0	8 1/4	1 3/4	163	125	125#
AFB SERIES	3	5.5	9 3/16	1 3/4	267	110	125#
AFB SERIES	4	6.5	10 3/4	2.0	496	90	50#
AFB SERIES	5	7.5	12 1/4	2 1/8	775	60	50#
EFB SERIES	6	8.0	13 15/16	2 1/8	1025	90	50#
EFB SERIES	8	9.0	14 7/8	2 1/2	1862	50	50#
EFB SERIES	10	11	17 3/4	2 1/2	2948	40	50#
*EFB SERIES	12	12	19 3/4	3.0	4393	60	50#
*EFB SERIES	14	14	21 3/4	3.0	5939	40	50#
*EFB SERIES	16	15	24 3/4	4.0	7867	25	50#

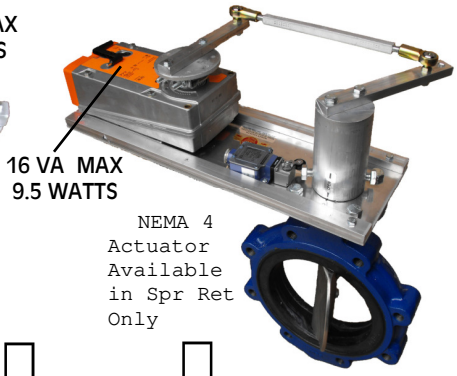
* = Dual Actuators



For Best Modulating Control Results Valves Are Adjusted For 70 Deg Max Opening



Ratings are Based on Bray S31-120 Valve Bodies



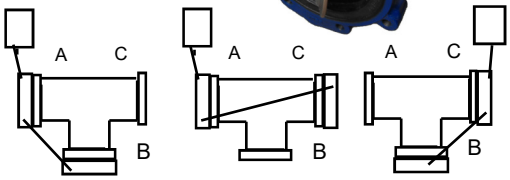
NEMA 4 Actuator Available in Spr Ret Only

Chiller Head Pressure Valve Assemblies

STANDARD VALVE BODY FEATURES

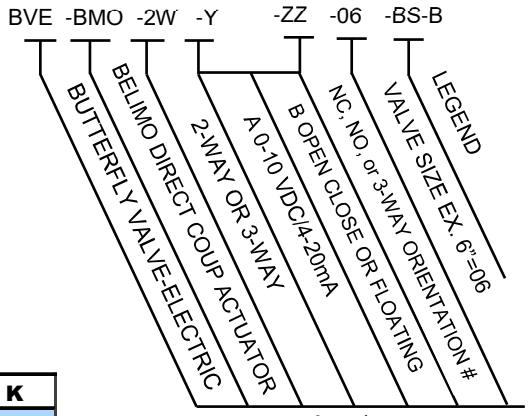
- ☐ EPDM Rubber liner
- ☐ Stainless Steel or Nylon Coated Disc
- ☐ Stainless Steel Shaft
- ☐ Full Threaded Lug

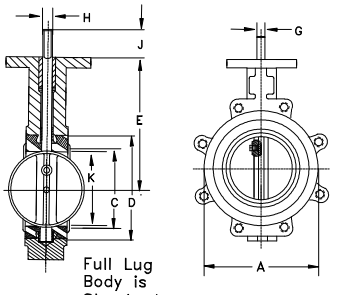
SIZE	CV VALUES							
2	144	84	61	43	27	16	7	1
2.5	282	163	107	67	43	24	11	1.5
3	461	267	154	96	61	35	15	2
4	841	496	274	171	109	62	27	3
5	1,376	775	428	268	170	98	43	5
6	1,850	1,025	567	354	225	129	56	6
8	3,316	1,862	1,081	680	421	241	102	12
10	5,430	2,948	1,710	1,076	667	382	162	19
12	8,077	4,393	2,563	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°



2: A CLOSED B OPEN
3: A OPEN B CLOSED
4: A CLOSED C OPEN
5: A OPEN C CLOSED
6: C CLOSED B OPEN
7: C OPEN B CLOSED

3-WAY VALVE ORIENTATIONS





Full Lug Body is Standard

DIMENSIONS

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

Part Numbering System

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

Legend

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MFGRS OF AUTOMATED BUTTERFLY VALVES
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FAX: (404) 351-9340
www.wesleyvalve.com

NOW AVAILABLE 14" & 16"
SPRING RETURN VALVE ASSEMBLIES

APPLICATIONS

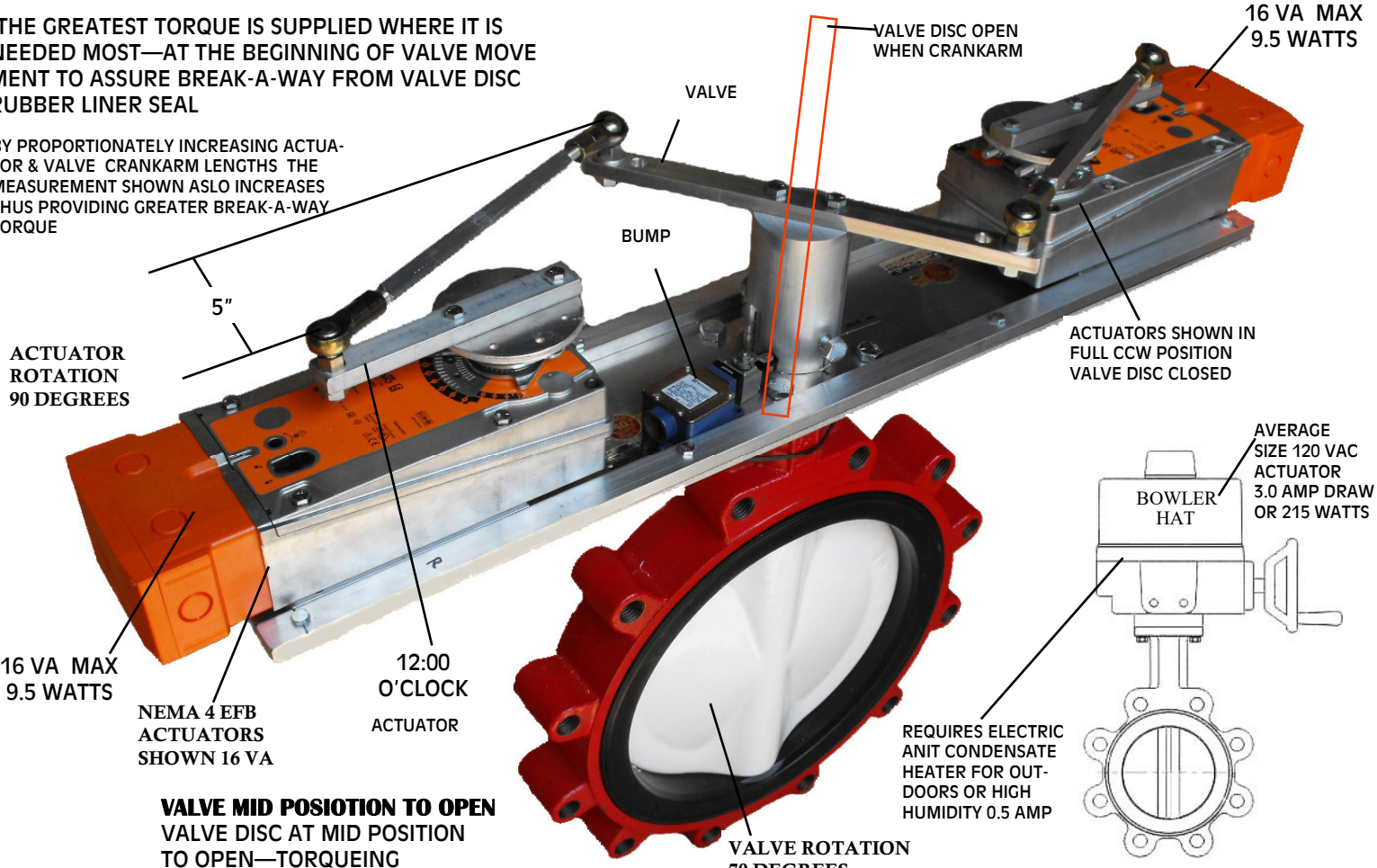
A. IDEALLY SUITED FOR CHILLER & COOLING TOWER ISOLATION
B. COOLING TOWER MODULATING 3-WAY DIVERTING VALVE CONTROL

DIRECT COUPLED ACTION AS DESIGNED
BELIMO SERIES EFB SPRING RETURN ACTUATOR TORQUE RATING IS 270 IN. LB. DUAL ACTUATOR TORQUE RATING IS 540 IN. LB.

REMOTE ROTARY ACTION
BREAK-A-WAY TORQUEING IS 5 TIMES GREATER DUE TO THE LEVER ADVANTAGE OR 2700 IN. LB.

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

BY PROPORTIONATELY INCREASING ACTUA-TOR & VALVE CRANKARM LENGTHS THE MEASUREMENT SHOWN ASLO INCREASES THUS PROVIDING GREATER 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) 540 IN. LB.

90 TO 60 DEG VALVE TURN ASSEMBLY INCREASES DISC REPOSITIONS (RESOLUTION) BY 50%

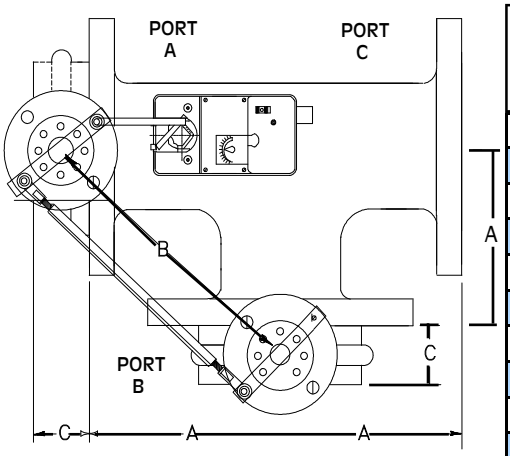
BUTTERFLY VALVE
2-WAY VALVE ASSEMBLY

AUTOMATED BUTTERFLY VALVES WITH BELIMO ACTUATORS

SPRING RETURN VALVE ASSEMBLIES AVAILABLE 2" THROUGH 16"

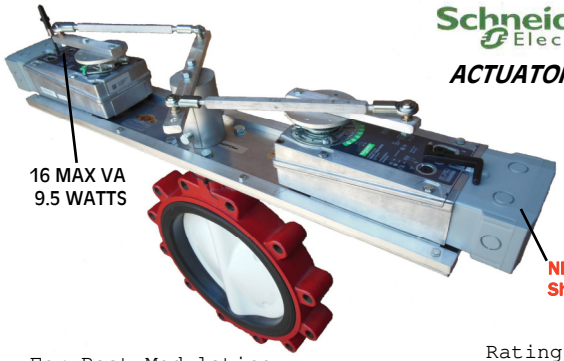
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MFGRS OF AUTOMATED BUTTERFLY VALVES
PHN: (404) 351-8744 FAX: (404) 351-9340
www.wesleyvalve.com

AUTOMATED BUTTERFLY VALVES Schneider Electric SmartX ACTUATORS

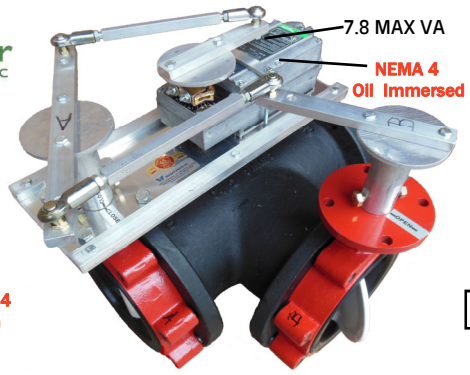


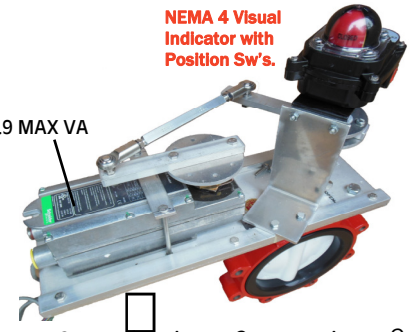
ACTUATOR PART # * = DUAL ACTUATORS	SIZE	A DIM.	B DIM.	C DIM.	Cv	Max. Close Rating	Bubble Leak Occur.
Mx41-615x,Mx4x-715x,717x	2	4.5	7 1/2	1 5/8	84	125	125#
Mx41-615x,Mx4x-715x,717x	2.5	5.0	8 1/4	1 3/4	163	125	125#
Mx41-615x,Mx4x-715x,717x	3	5.5	9 3/16	1 3/4	267	110	125#
Mx41-615x,Mx4x-715x,717x	4	6.5	10 3/4	2.0	496	110	50#
Mx41-615x,Nx4x-715x,717x	5	7.5	12 1/4	2 1/8	775	95	50#
Mx41-615x,Mx4x-715x,717x	6	8.0	13 15/16	2 1/8	1025	85	50#
Mx41-634x,Mx41-730x	8	9.0	14 7/8	2 1/2	1862	85	50#
Mx41-634x,Mx41-730x	10	11	17 3/4	2 1/2	2948	75	50#
Mx41-634x,*Mx41-730x	12	12	19 3/4	3.0	4393	60	50#
*Mx41-634x,*Mx41-730x	14	14	21 3/4	3.0	5939	70	50#
*Mx41-634x,*Mx41-730x	16	15	24 3/4	4.0	7867	60	50#

System pressure is normally not a resistance factor For 3-way valve disc closure



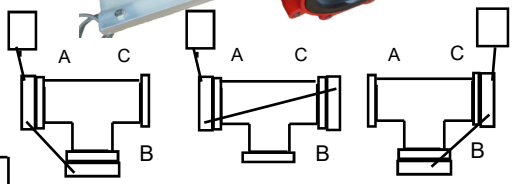
Schneider Electric ACTUATORS





For Best Modulating Control Results Valves Are Adjusted For 70 Deg Max Opening

Ratings are Based on Bray S31 & Pratt BF-8688-1 Valve Bodies



2: A CLOSED B OPEN
3: A OPEN B CLOSED
4: A CLOSED C OPEN
5: A OPEN C CLOSED
6: C CLOSED B OPEN
7: C OPEN B CLOSED

3-WAY VALVE ORIENTATIONS

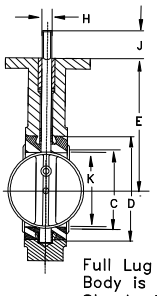
STANDARD VALVE BODY FEATURES

- ☐ **EPDM Rubber liner**
- ☐ **Stainless Steel or Nylon Coated Disc**
- ☐ **Stainless Steel Shaft**
- ☐ **Full Threaded Lug**

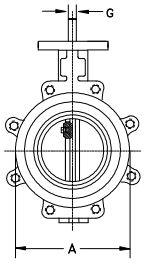
SIZE	CV VALUES							
2	144	84	61	43	27	16	7	1
2.5	282	163	107	67	43	24	11	1.5
3	461	267	154	96	61	35	15	2
4	841	496	274	171	109	62	27	3
5	1,376	775	428	268	170	98	43	5
6	1,850	1,025	567	354	225	129	56	6
8	3,316	1,862	1,081	680	421	241	102	12
10	5,430	2,948	1,710	1,076	667	382	162	19
12	8,077	4,393	2,563	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°

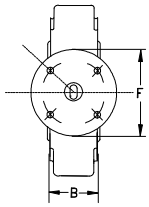
BVE -SCH -2W -Y -ZZ -06 -BS-B

- BUTTERFLY VALVE-ELECTRIC
- SCHNEIDER SMART X ACTUATOR
- 2-WAY OR 3-WAY
- A 0-10 VDC/4-20mA
- B OPEN CLOSE OR FLOATING
- NC, NO, or 3-WAY ORIENTATION #
- VALVE SIZE EX. 6"=06



Full Lug Body is Standard





DIMENSIONS

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

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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SPRING RETURN VALVE ASSEMBLIES
2 TO 16" AVAILABLE

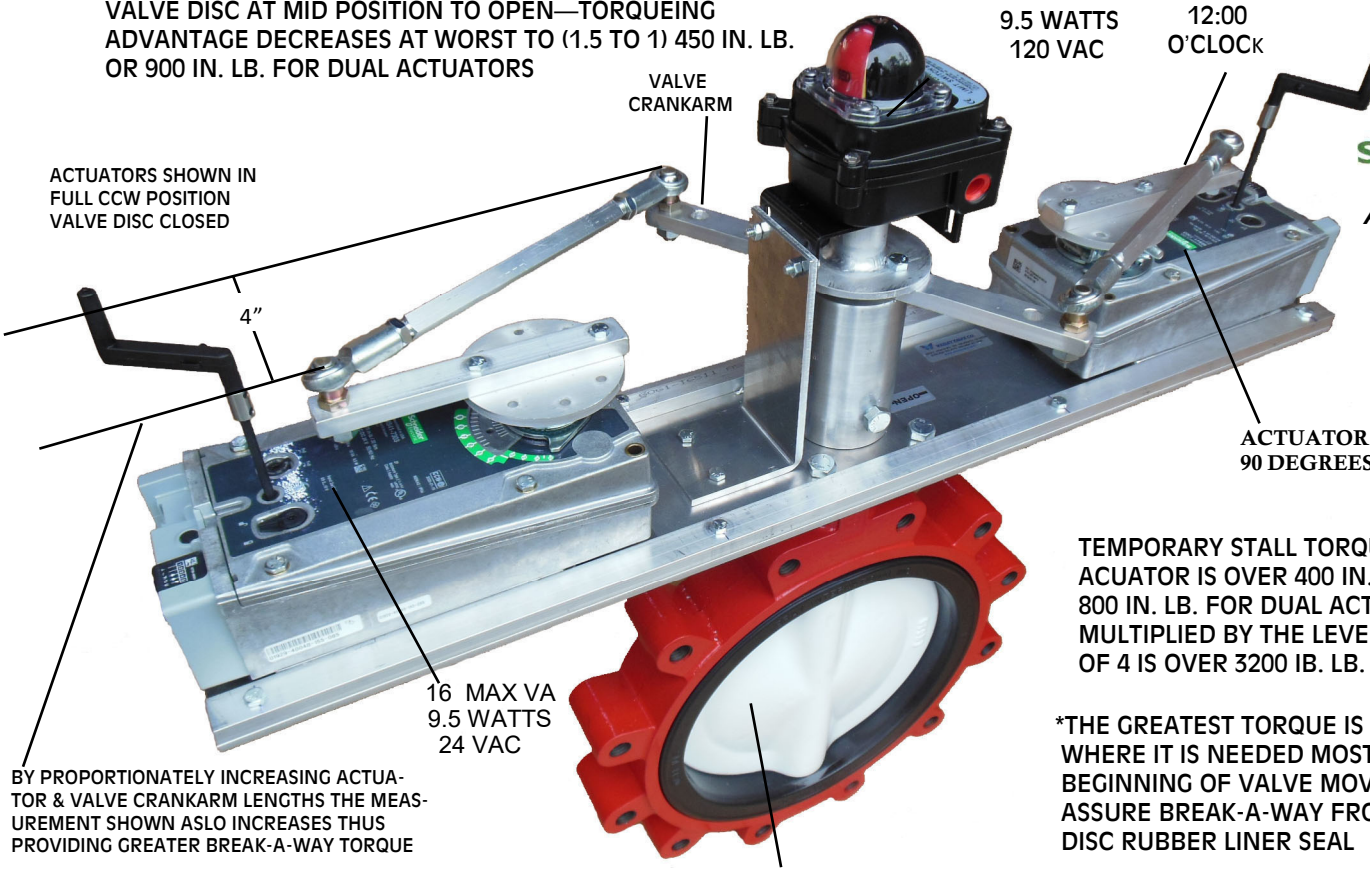
APPLICATIONS

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

DIRECT COUPLED ACTION AS DESIGNED
SCHNEIDER ELECTRIC SERIES MX41-717X SPRING RETURN ACTUATOR'S TORQUE RATING IS 150 IN. LB. DUAL ACTUATOR TORQUE RATING IS 300 IN. LB.

REMOTE ROTARY ACTION
BREAK-A-WAY TORQUEING ADVANTAGE QUADRUPLES TO

VALVE MID POSIOTION TO OPEN
VALVE DISC AT MID POSITION TO OPEN—TORQUEING ADVANTAGE DECREASES AT WORST TO (1.5 TO 1) 450 IN. LB. OR 900 IN. LB. FOR DUAL ACTUATORS



Schneider Electric
ACTUATORS

TEMPORARY STALL TORQUE FOR THIS ACUATOR IS OVER 400 IN. LB. OR OVER 800 IN. LB. FOR DUAL ACTUATORS. MULTIPLIED BY THE LEVER ADVANTAGE OF 4 IS OVER 3200 IB. 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 SEAL

90 TO 60 DEG VALVE TURN ASSEMBLY INCREASES DISC

BUTTERFLY VALVE
2-WAY VALVE ASSEMBLY

AUTOMATED BUTTERFLY VALVES WITH Schneider Electric *SmartX* ACTUATORS

SPRING RETURN VALVE ASSEMBLIES AVAILABLE 2" THROUGH 16"

REPLACING A FAILED BOWLER HAT ACTUATOR ?

CONSIDER RETROFITTING IT WITH THE MORE RELIABLE Schneider Electric SmartX ACTUATOR ASSEMBLY AS SHOWN ABOVE

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