NOW AVAILABLE FOR SHIPMENT

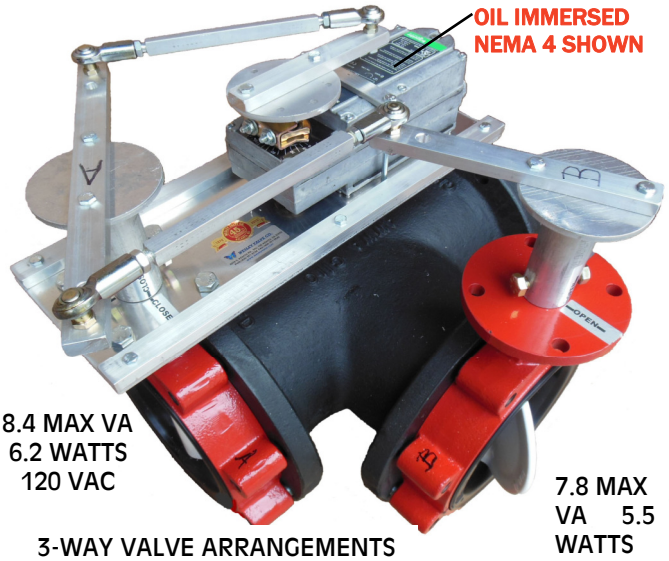
AUTOMATED BUTTERFLY VALVES WITH Schneider Electric SmartX ACTUATORS

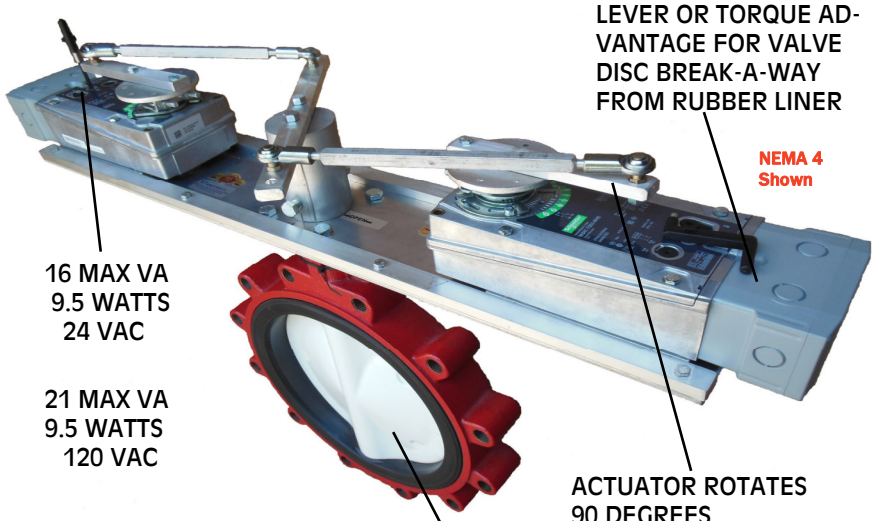
SPRING RETURN VALVE ASSEMBLIES AVAILABLE 2" THROUGH 16"

MX4X-6343 NON-SPRING RETURN ACTUATORS
MX4X-7153 & 7173 SPRING RETURN ACTUATORS

OPTIONAL WEATHERPROOF ACTUATOR FOR OUTDOOR USE

PRECISE CONTROL REQUIRES NUMEROUS MODULATING VALVE DISC REPOSITIONS —





ADVANTAGE OF SELECTING A VALVE ASSEMBLY WITH Schneider Electric SmartX ACTUATORS

A.) Valve Assembly at Low Cost

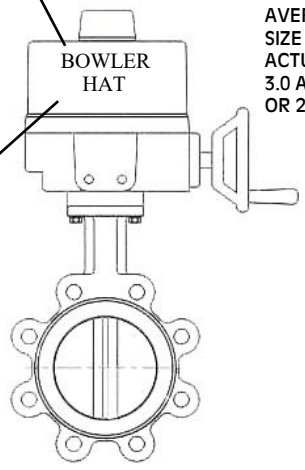
B.) Superior Modulating Resolution for 0-10 VDC/4-20mA Control Signals

C.) Minimal Replacement of Actuator During Warranty Period

D.) 20 Year Life Expectancy

E.) Optional Outdoor NEMA 4 oil immersed SmartX Actuators do not require unreliable electric heaters for condensate prevention

BUTTERFLY VALVE ASSEMBLIES WITH 1/4 TURN BOWLER HAT TYPE ACTUATORS HAVE A LIMITED AMOUNT OF MODULATING VALVE DISC POSITIONS (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 Schneider ACTUATORS LARGER THAN 6" (SIX INCHES)

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

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

File:TACSXAdvert

SPRING RETURN VALVE ASSEMBLIES
2 TO 16" AVAILABLE

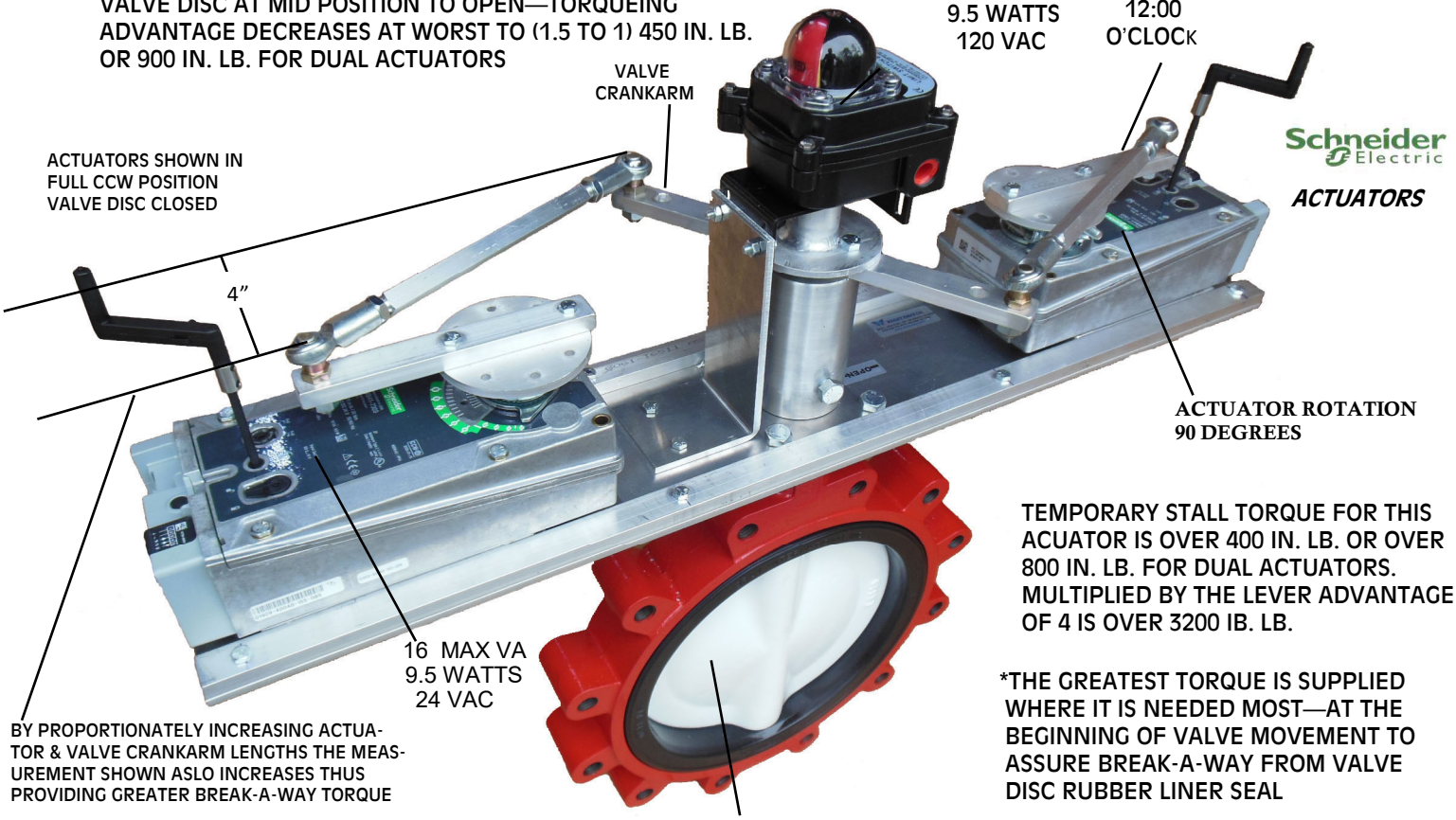
APPLICATIONS

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



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"

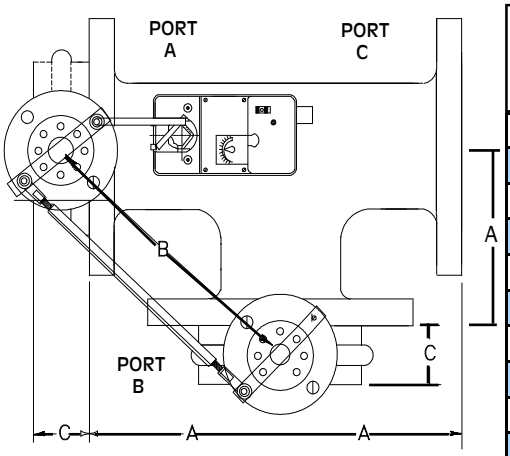
REPLACING A FAILED BOWLER HAT ACTUATOR ?

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

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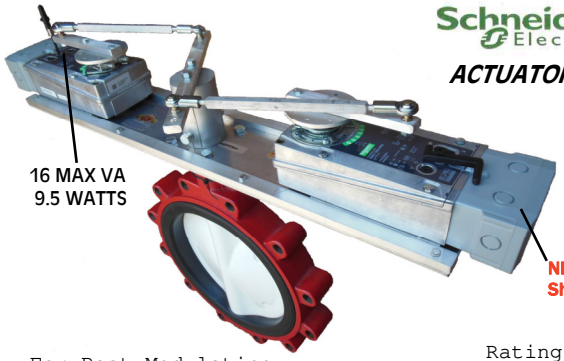
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AUTOMATED BUTTERFLY VALVES Schneider Electric SmartX ACTUATORS

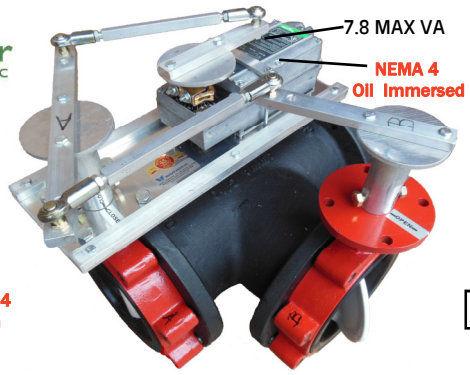


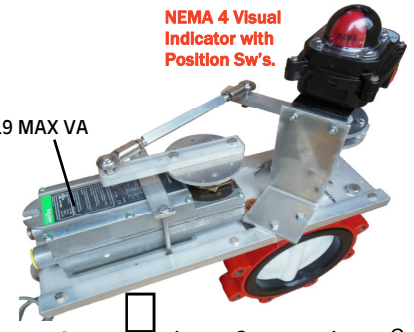
ACTUATOR PART # * = DUAL ACTUATORS	SIZE	A DIM.	B DIM.	C DIM.	Cv	Max. Close Rating	Bubble Leak Occur.
Mx41-615x,Mx4x-715x,717x	2	4.5	7 1/2	1 5/8	84	125	125#
Mx41-615x,Mx4x-715x,717x	2.5	5.0	8 1/4	1 3/4	163	125	125#
Mx41-615x,Mx4x-715x,717x	3	5.5	9 3/16	1 3/4	267	110	125#
Mx41-615x,Mx4x-715x,717x	4	6.5	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



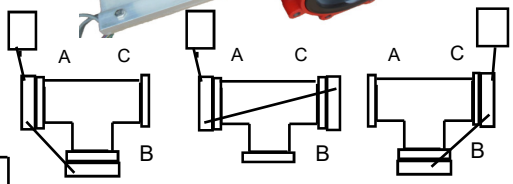
Schneider Electric ACTUATORS





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

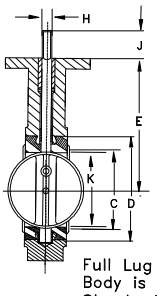
STANDARD VALVE BODY FEATURES

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

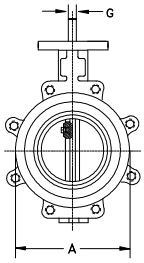
SIZE	CV VALUES							
2	144	84	61	43	27	16	7	1
2.5	282	163	107	67	43	24	11	1.5
3	461	267	154	96	61	35	15	2
4	841	496	274	171	109	62	27	3
5	1,376	775	428	268	170	98	43	5
6	1,850	1,025	567	354	225	129	56	6
8	3,316	1,862	1,081	680	421	241	102	12
10	5,430	2,948	1,710	1,076	667	382	162	19
12	8,077	4,393	2,563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

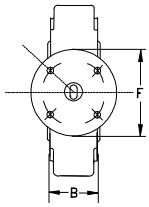
BVE -SCH -2W -Y -ZZ -06 -BS-B

- 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

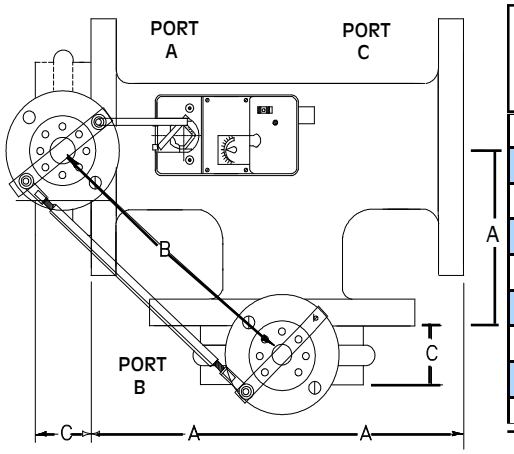
Part Numbering System

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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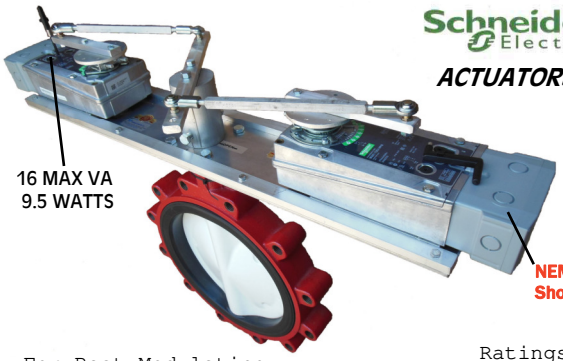
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AUTOMATED BUTTERFLY VALVES Schneider Electric SmartX ACTUATORS

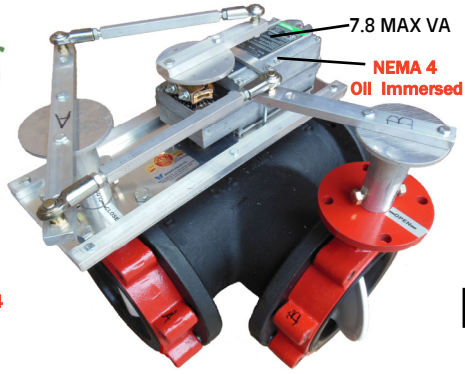


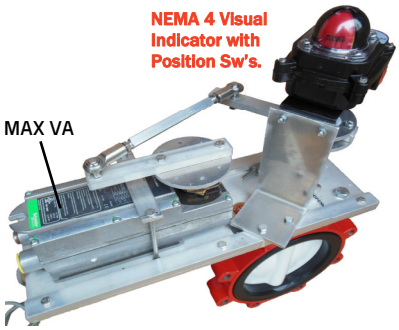
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System pressure is normally not a resistance factor For 3-way valve disc closure



Schneider Electric ACTUATORS

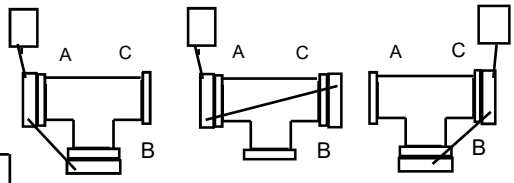




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Ratings are Based on Bray S31 & Pratt BF-8688-1 Valve Bodies

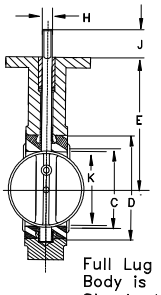
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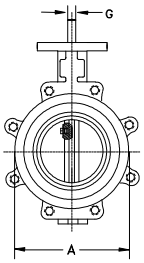
3-WAY VALVE ORIENTATIONS

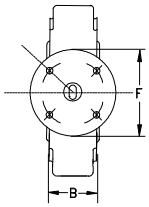
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- ☐ **Full Threaded Lug**



Full Lug Body is Standard

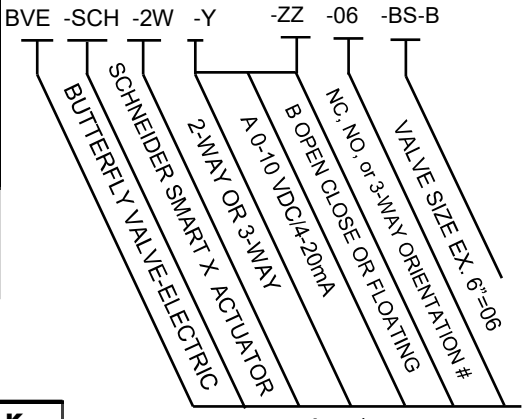




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5"	7.12	2.12	6.16	7.50	3.54	.75	.51	1.25	4.63
6"	8.12	2.12	7.02	8.00	3.54	.75	.51	1.25	5.45
8"	10.50	2.50	9.47	9.50	5.91	.87	.63	1.25	7.45
10"	12.75	2.50	11.47	10.75	5.91	1.18	.87	2.00	9.53
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Full Cut Valve Bodies



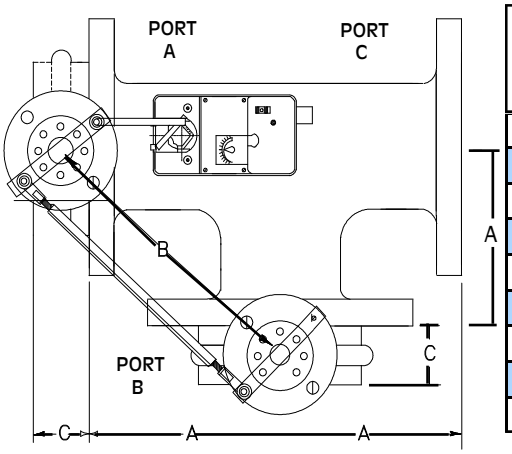
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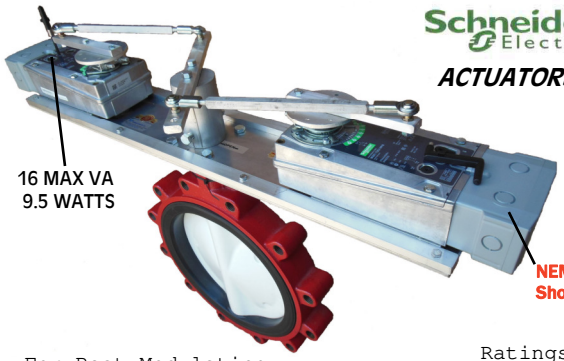
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AUTOMATED BUTTERFLY VALVES Schneider Electric SmartX ACTUATORS

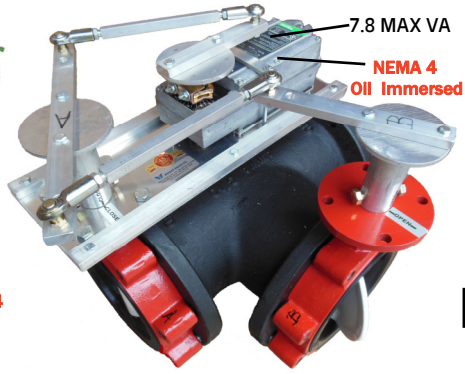


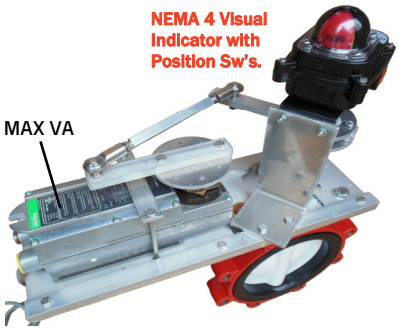
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Schneider Electric
ACTUATORS

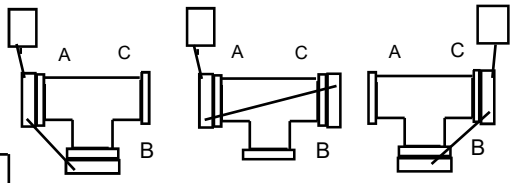




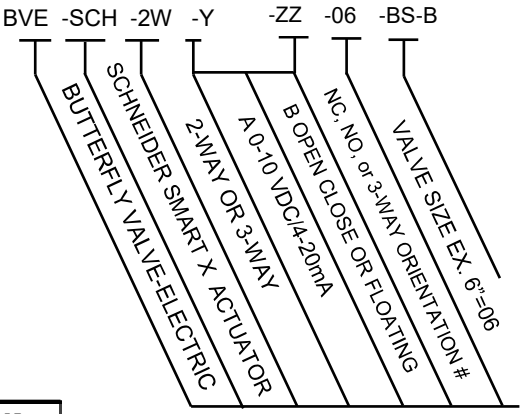
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4	841	496	274	171	109	62	27	3
5	1,376	775	428	268	170	98	43	5
6	1,850	1,025	567	354	225	129	56	6
8	3,316	1,862	1,081	680	421	241	102	12
10	5,430	2,948	1,710	1,076	667	382	162	19
12	8,077	4,393	2,563	1,594	1,005	555	235	27
	90°	70°	60	50°	40°	30°	20°	10°

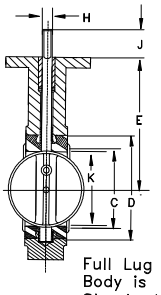


3-WAY VALVE ORIENTATIONS

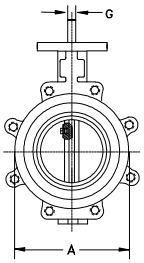


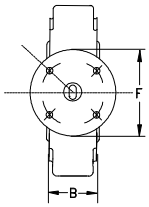
STANDARD VALVE BODY FEATURES

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



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

Full Cut Valve Bodies with 270 in/lb Actuators

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

WESLEY VALVE CO.
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