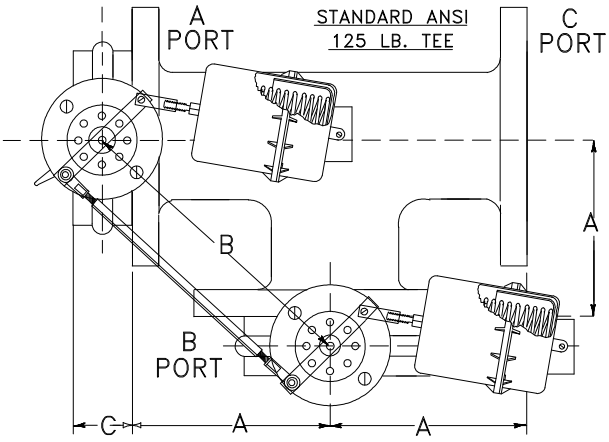
AUTOMATED BUTTERFLY VALVE ASSEMBLIES WITH SIEMENS PNEUMATIC ACTUATORS

Ratings are Based on Bray S31-119 & Keystone AR2 Valve Bodies



ACTUATOR PART # * = DUAL ACT.	SIZE	A DIM.	B DIM.	C DIM.	Cv	Max. Close Rating	Bubble Leak Occur.
331-3017	2	4.5	7 1/2	1 5/8	84	125	125#
331-3017	2.5	5.0	8 1/4	1 3/4	163	125	125#
331-3017	3	5.5	9 3/16	1 3/4	267	110	125#
331-3017	4	6.5	10 3/4	2.0	496	110	50#
331-2856	5	7.5	12 1/4	2 1/8	775	100	50#
331-2856	6	8.0	13 15/16	2 1/8	1025	90	50#
331-2856	8	9.0	14 7/8	2 1/2	1862	80	50#
*331-2856	10	11	17 3/4	2 1/2	2948	70	50#
*331-2856	12	12	19 3/4	3.0	4393	70	50#
*D3246-1	14	14	21 3/4	3.0	5939	70	50#
*D3246-1	16	15	24 3/4	4.0	7867	60	50#

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

*D3246-1 are Dual Johnson Controls Pneumatic Actuatos

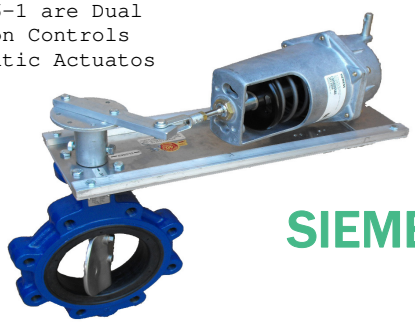
STANDARD VALVE BODY FEATURES

EPDM Rubber Liner

Stainless Steel or Nylon Coated Disc

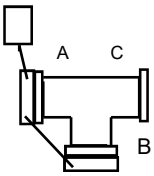
Stainless Steel Shaft

Full Threaded Lug

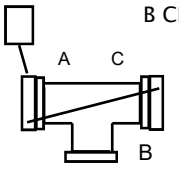


SIEMENS

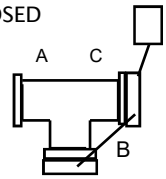




2: A CLOSED
B OPEN
3: A OPEN
B CLOSED



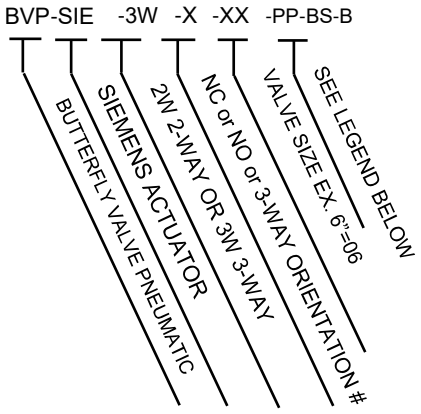
4: A CLOSED
C OPEN
5: A OPEN
C CLOSED



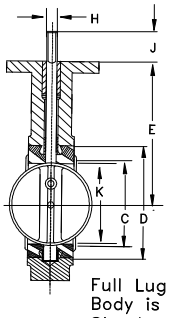
6: C CLOSED
B OPEN
7: C OPEN
B CLOSED

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°

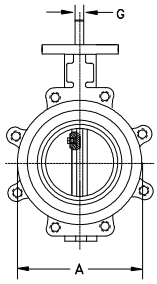
For Best Modulating Control Results Automated Butterfly Valves Are Adjusted For 70 Deg. Max. Opening

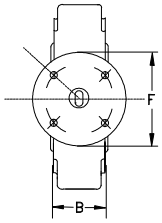


3-WAY VALVE



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

Legend

RF = Retrofit Kit
PP = Positive Positioner
BS = Valve Bump Switch
SS = Stainless Rod Ends & Bolts
B = Bray, K = Keystone
RF = Retrofit Kit

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www.wesleyvalve.com

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