-NOW AVAILABLE FOR SHIPMENT-

AUTOMATED BUTTERFLY VALVES WITH *HONEYWELL* ACTUATORS

SPRING RETURN VALVE ASSEMBLIES AVAILABLE 2" THROUGH 12"

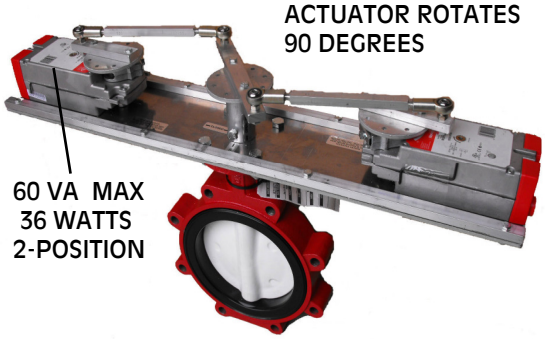
MN6120A, 7220A, 6134A, & 7234A NON-SPRING RETURN ACTUATORS
MS8120A & 7520A SPRING RETURN ACTUATORS

PRECISE CONTROL REQUIRES NUMEROUS MODULATING VALVE DISC REPOSITIONS —

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

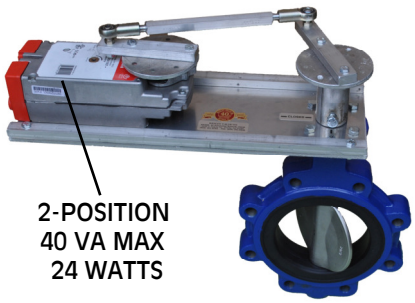
ACTUATOR HAS 4 TO 1 LEVER OR TORQUE ADVANTAGE FOR VALVE DISC BREAK-A-WAY FROM RUBBER LINER

ACTUATOR ROTATES 90 DEGREES



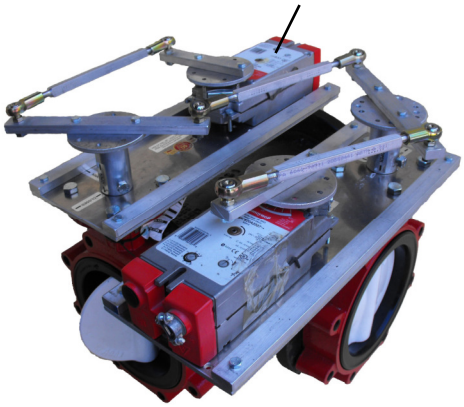
60 VA MAX
36 WATTS
2-POSITION

VALVE DISC ROTATES 70 DEGREES



2-POSITION
40 VA MAX
24 WATTS

MODULATING
16 VA MAX



NEMA 2 RATED ACTUATOR HOUSING

ADVANTAGE OF SELECTING A VALVE ASSEMBLY WITH

Honeywell *MN & MS ACTUATORS*

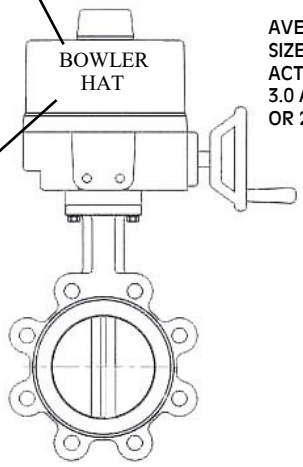
A. Valve Assembly at Low Cost

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 BUTTERFLY VALVE ASSEMBLIES WITH *HONEYWELL* ACTUATORS LARGER

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

File:MHMSAdvert

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
HONEYWELL MS SERIES SPRING RETURN ACTUATOR
TORQUE RATING IS 175 IN. LB.
DUAL ACTUATOR TORQUE RATING IS 350 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) 262 IN. LB.
OR 525 IN. LB. FOR DUAL ACTUATORS

ACTUATORS SHOWN IN
FULL CCW POSITION
VALVE DISC CLOSED

Honeywell

ACTUATORS

MODULATING
16 VA MAX

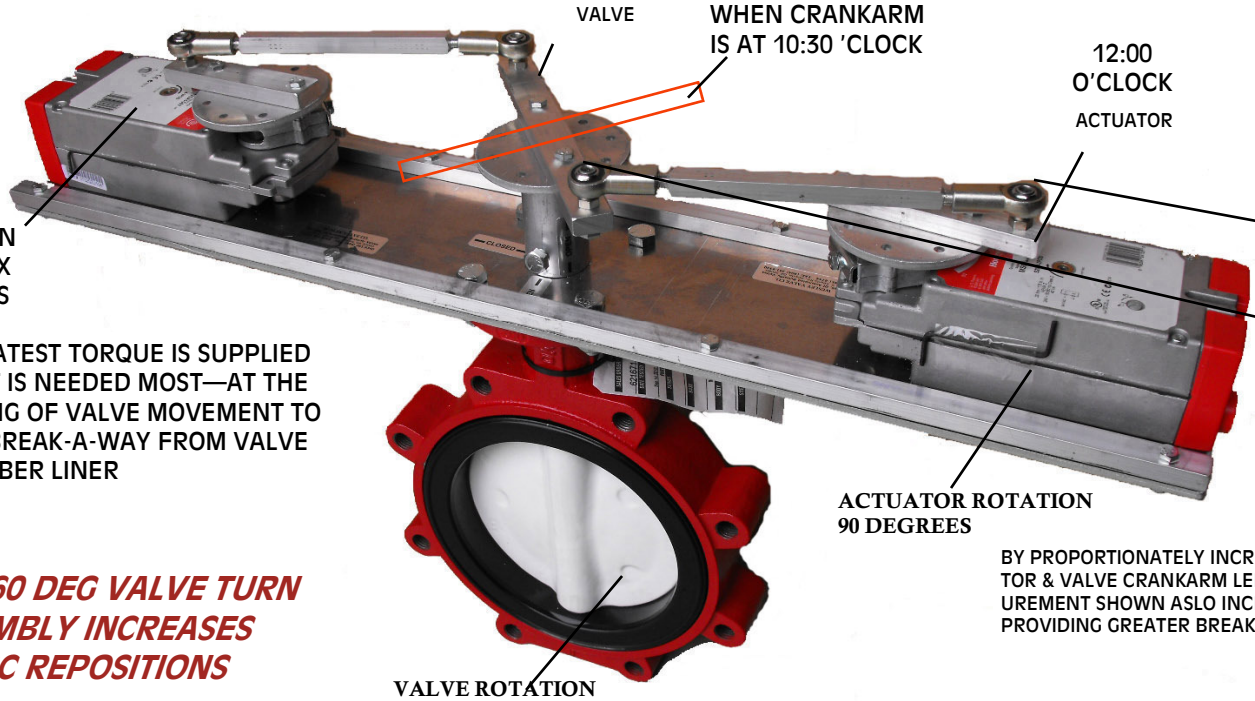
60 VA MAX
36 WATTS
2-POSITION

VALVE

VALVE DISC OPEN
WHEN CRANKARM
IS AT 10:30 'CLOCK

12:00
O'CLOCK

ACTUATOR



2-POSITION
40 VA MAX
24 WATTS

4"

*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

ACTUATOR ROTATION
90 DEGREES

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

90 TO 60 DEG VALVE TURN ASSEMBLY INCREASES DISC REPOSITIONS

VALVE ROTATION
70 DEGREES

BUTTERFLY VALVE

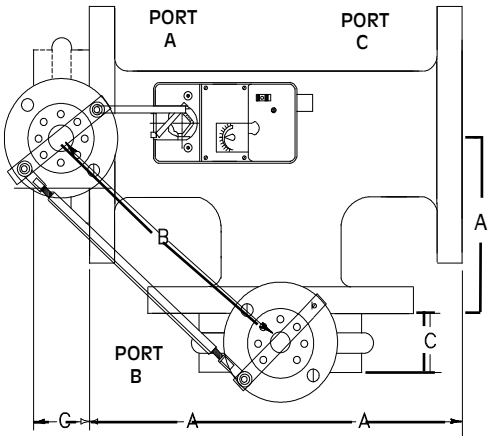
2-WAY VALVE ASSEMBLY

AUTOMATED BUTTERFLY VALVES WITH Honeywell *MN & MS ACTUATORS*

SPRING RETURN VALVE ASSEMBLIES AVAILABLE 2" THROUGH 12"

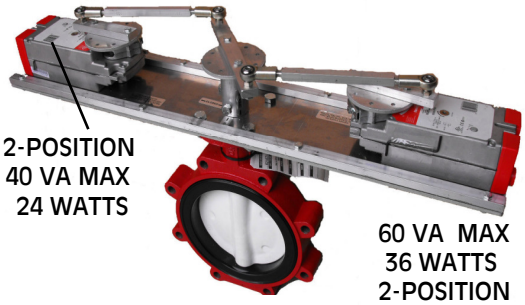
WESLEY VALVE CO.
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AUTOMATED BUTTERFLY VALVES WITH *HONEYWELL* ACTUATORS

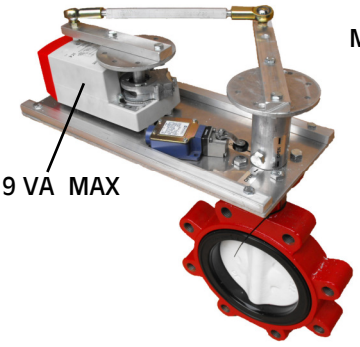


System pressure is normally not a resistance factor For 3-way valve disc closure.

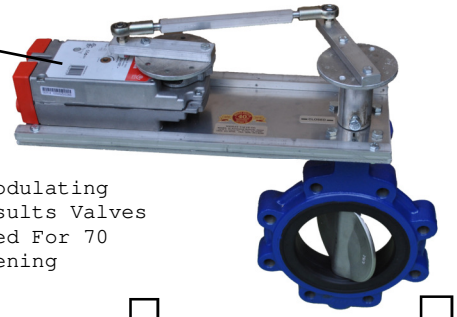
ACTUATOR PART # * = DUAL ACTUATORS	SIZE	A DIM.	B DIM.	C DIM.	Cv	Max. Close Rating	Bubble Leak Occur.
MN7220A,MN6120A,MS Series	2	4.5	7 1/2	1 5/8	84	125	125#
MN7220A,MN6120A,MS Series	2.5	5.0	8 1/4	1 3/4	163	125	125#
MN7220A,MN6120A,MS Series	3	5.5	9 3/16	1 3/4	267	110	125#
MN7220A,MN6120A,MS Series	4	6.5	10 3/4	2.0	496	110	50#
MN7220A,MN6120A,MS Series	5	7.5	12 1/4	2 1/8	775	95	50#
MN7220A,MN6120A,MS Series	6	8.0	13 15/16	2 1/8	1025	85	50#
MN7234A,MN6134A,*MS Series	8	9.0	14 7/8	2 1/2	1862	85	50#
MN7234A,MN6134A,*MS Series	10	11	17 3/4	2 1/2	2948	75	50#
MN7234A,MN6134A,*MS Series	12	12	19 3/4	3.0	4393	60	50#
*MN7234A,*MN6134A	14	14	21 3/4	3.0	5939	70	50#
*MN7234A,*MN6134A	16	15	24 3/4	4.0	7867	60	50#



Dual Spring Return Actuators For 8",10", & 12" Valves

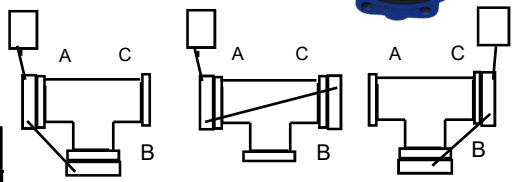


Ratings are Based on Bray S31-119 & Keystone AR2 Valve Bodies

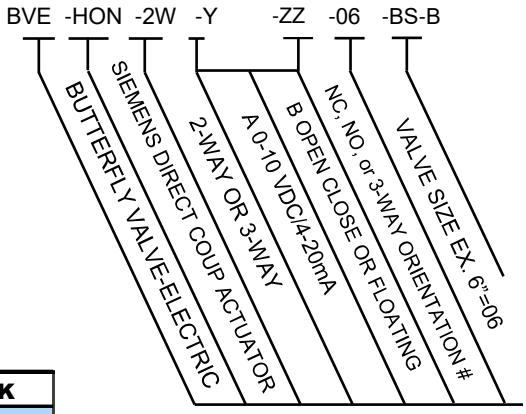


For Best Modulating Control Results Valves Are Adjusted For 70 Deg Max Opening

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°

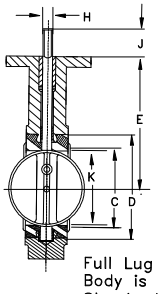


3-WAY VALVE ORIENTATIONS

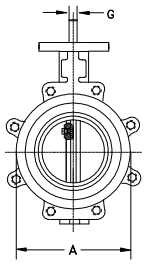


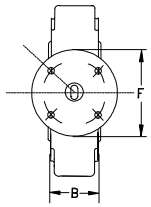
STANDARD VALVE BODY FEATURES

- ☐ **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
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
RF = Retrofit Kit
B = Bray, K = Keystone

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