



SERIES 2110 - PKRBUP-MFT-T

24-240V BELIMO ELECTRIC FAIL SAFE ACTUATOR
3 WAY 6" - 10" RESILIENT SEATED BUTTERFLY VALVES

SERIES 2110 BUTTERFLY VALVE

SERVICE: Chilled/Hot Water - 50% Glycol

FLOW CHARACTERISTIC: Modified EQ%

SIZES: 6" - 10"

BODY: Ductile Iron ASTM A536

BODY COATING: Fusion Bonded Epoxy

BODY PRESSURE RATING: ASME/ANSI Class 125

END FITTING: Lugged ANSI Class 125/150 Flanged

DISC: 304SS

STEM: 416SS

SEAT: EPDM

O-RING: EPDM

BUSHING: PTFE

CLOSE OFF: 100 PSI

LEAKAGE: Bubble Tight Shutoff

TEMPERATURE RANGE: -22°F to 250°F

MAX FLUID VELOCITY: 30 FPS

PKRBUP-MFT-T

NEMA 4X, IP66/67

ELECTRIC FAIL-SAFE

POWER SUPPLY: UNIVERSAL

24...240VAC $\pm$ 20% 50/60Hz

24...125VDC $\pm$ 10%

POWER CONSUMPTION HOLDING: 7 W @ 24V

8 W @ 120V

9 W @ 230V

TRANSFORMER SIZING: 55 VA @ 24 VAC/DC

43 VA @ 120 VAC/DC

68 VA @ 230 VAC

ELECTRICAL CONNECTION: TERMINAL BLOCK

TEMPERATURE RANGE: -5°F to +125°F

RUNTIME(MOTOR): 35 SEC

MULTI-FUNCTION SETTINGS: ON/OFF,

MODULATING

FLOATING

OVERLOAD PROTECTION: ELECTRONIC THROUGHOUT

0° TO 90° ROTATION

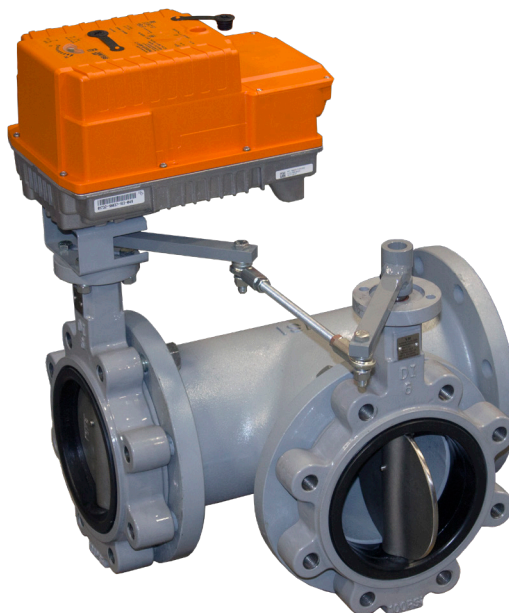
AUXILIARY SWITCH: 2 x SPDT

3A RESISTIVE @ 250 VAC

ONE SET AT 10°

ONE ADJUSTABLE 0° TO 90°

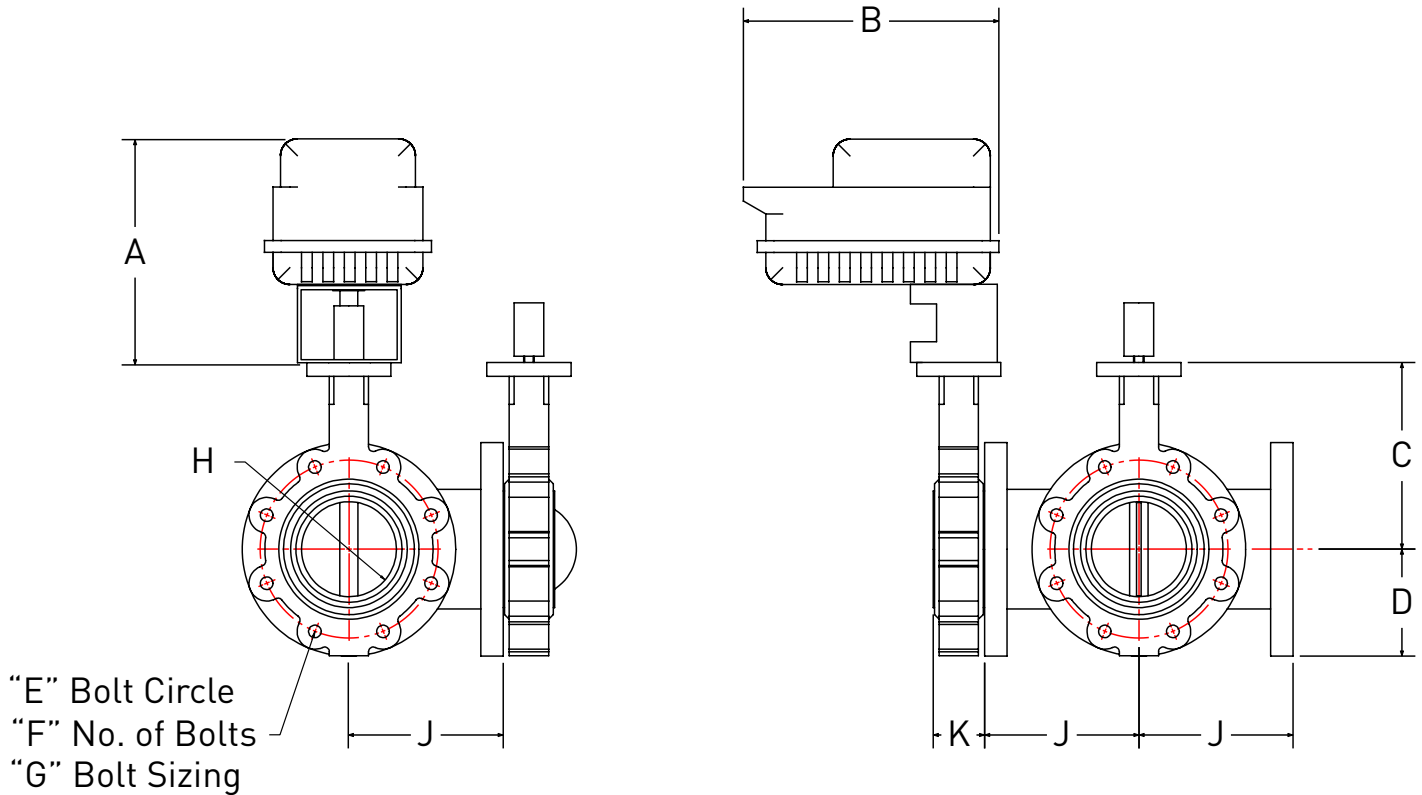
PASSIVE SENSOR INPUTS: 2 (PT1000) (NI1000) (NTC)



Cv AND TORQUE					
INCH	DN (MM)	Cv 60°	Cv 90°	VSI PN	WEIGHT(LB)
6"	150	605	1579	3S2110SS-06/PKRBUP-MFT-T	137
8"	200	1202	3136	3S2110SS-08/PKRBUP-MFT-T	207
10"	250	2047	5340	3S2110SS-10/PKRBUP-MFT-T	248

Please specify fail position when ordering.

DIMENSIONAL INFORMATION



Dimensions: mm(Inches)

	VALVE SIZE		ACTUATOR	A	B	C	E	F x G	H	J	K
	INCH	DN									
100 PSI	6	150	PKRBUP-MFT-T	254 (10)	303.5 (11.95)	226 (8.898)	241.3 (9.5)	8 - ¾-10	152.4 (6)	203.2 (8)	56 (2.205)
	8	200	PKRBUP-MFT-T	254 (10)	303.5 (11.95)	260 (10.236)	298.4 (11.748)	8 - ¾-10	203.2 (8)	228.6 (9)	60 (2.362)
	10	250	PKRBUP-MFT-T	254 (10)	303.5 (11.95)	292.1 (11.50)	361.95 (14.25)	12 - 7/8 -9	254 (10)	279.4 (11)	68 (2.68)