



# SERIES 2120 - 24V DCA

## MODULATING DAMPER ELECTRIC ACTUATORS

### 3 WAY 2" - 4" RESILIENT SEATED BUTTERFLY VALVES

Rev. B

#### SERIES 2120 BUTTERFLY VALVE

**SERVICE:** Chilled/Hot Water - 50% Glycol  
**FLOW CHARACTERISTIC:** Modified EQ%  
**SIZES:** 2" - 5"  
**BODY:** Ductile Iron ASTM A536  
**BODY COATING:** Fusion Bonded Epoxy  
**BODY PRESSURE RATING:** ASME/ANSI Class 125  
**WORKING PRESSURE:** 250 PSI for -22°F to 100°F  
**END FITTING:** Lugged ANSI Class 125/150 Flanged  
**DISC:** 304SS  
**STEM:** 416SS  
**SEAT:** EPDM  
**O-RING:** EPDM  
**BUSHING:** PTFE  
**CLOSE OFF:** 200 PSI  
**LEAKAGE:** Bubble Tight Shutoff  
**TEMPERATURE RANGE:** -22°F to 250°F

#### DAMPER ACTUATORS

**NEMA 2 PROTECTION**  
**POWER SUPPLY:** 24VAC ± 20% 50/60Hz  
 24VDC ± 10%  
**TEMPERATURE RANGE:** -5°F to +125°F  
**RUNTIME:** 75 to 150 sec  
**POWER CONSUMPTION**  
**M9116-GGA-2:** 7.5VA      **M9220-GGA-3:** 20VA / 6.7W  
**M9132-GGA-2:** 7.5VA

**POWER CONNECTION**  
 1/2" CONDUIT TO 3' CABLE (18 GA)



MODULATING - NON-SPRING RETURN				
INCH	DN (MM)	Cv 60°	Cv 90°	VSI PN
2"	50	64	135	3S2120SS-02/M9116-GGA-2
2.5"	65	98	220	3S2120SS-25/M9116-GGA-2
3"	80	116	302	3S2120SS-03/M9132-GGA-2
4"	100	230	600	3S2120SS-04/M9132-GGA-2X2
MODULATING - SPRING RETURN ACTUATORS				
INCH	DN (MM)	Cv 60°	Cv 90°	VSI PN
2"	50	64	135	3S2120SS-02/M9220-GGA-3
2.5"	65	98	220	3S2120SS-25/M9220-GGA-3
3"	80	116	302	3S2120SS-03/M9220-GGA-3X2

Please specify fail position when ordering.



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## DIMENSIONAL INFORMATION

