



SERIES 2120 - 24VDC/VAC

MODULATING DAMPER ELECTRIC ACTUATORS
3 WAY 2" - 4" RESILIENT SEATED BUTTERFLY VALVES

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
MAX FLUID VELOCITY: 30 FPS

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

GEB161.1P: 5VA

GCA161.1P: 7VA / 5W

GIB161.1P: 8VA

POWER CONNECTION

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



2 POSITION - NON-SPRING RETURN

| INCH | DN (MM) | Cv 60° | Cv 90° | VSI PN |
|------|---------|--------|--------|-------------------------|
| 2" | 50 | 64 | 135 | 3S2120SS-02/GEB161.1P |
| 2.5" | 65 | 98 | 220 | 3S2120SS-25/GIB161.1P |
| 3" | 80 | 116 | 302 | 3S2120SS-03/GIB161.1P |
| 4" | 100 | 230 | 600 | 3S2120SS-04/GIB161.1PX2 |

2 POSITION - SPRING RETURN ACTUATORS

| INCH | DN (MM) | Cv 60° | Cv 90° | VSI PN |
|------|---------|--------|--------|-------------------------|
| 2" | 50 | 64 | 135 | 3S2120SS-02/GCA161.1P |
| 2.5" | 65 | 98 | 220 | 3S2120SS-25/GCA161.1P |
| 3" | 80 | 116 | 302 | 3S2120SS-03/GCA161.1PX2 |

Please specify fail position when ordering.



SERIES 2120 - 24VDC/VAC

MODULATING DAMPER ELECTRIC ACTUATORS
3 WAY 2" - 4" RESILIENT SEATED BUTTERFLY VALVES

DIMENSIONAL INFORMATION

