



M9124 Series Damper Actuators



M9124 SERIES

- Simple direct coupling reduces installation and commissioning time while improving reliability by eliminating damper linkages
- Robust 210 lb-in (24 Nm) torque rating
- Rotation range 0 to 90° in 5° increments, mechanically limited to 93°
- Fits 3/8 to 3/4" (10 to 20 mm) round shaft, 3/8 to 5/8" (10 to 16 mm) square shaft; 1" (25.4 mm) diameter jackshaft with M9000-154 adapter
- On-off, floating and proportional control inputs meet the needs of most applications
- Output position feedback provides simple closed-loop control with accurate position sensing
- Master/slave operation allows synchronized control for two actuators stacked for tandem applications – doubles rated torque output
- Electronic stall detection ensures higher reliability by deactivating the actuator motor when a stall condition is detected
- Jumper selectable DC 0(2)...10 V or DC 0(4)...20 mA, proportional control
- Zero and span adjustment (HGx models) allows sequential operation of dampers from a single input signal of DC 0(2)...10 VDC, DC 0(4)...20 V or DC 0(4)...20 mA
- Jumper-selectable rotation direction and manual gear release simplify installation, setup, and field adjustments
- 2-SPDT optional auxiliary switches
- 1/2" NPT threaded housing provides easy connection for electrical fittings
- Manual gear release simplifies damper / valve setup and commissioning
- -4 to 122°F (-20 to 50°C) ambient temperature range
- Rated for 60,000 full stroke cycles
- UL Listed, CSA Certified, CE Mark

M9124 SERIES NON-SPRING RETURN DAMPER ACTUATORS

CODE NUMBER	CONTROL TYPE	TORQUE/TIMING/VOLTAGE	AUXILIARY SWITCHES	COMMENTS
M9124-AGA-2	ON-OFF / FLOATING	210 LB-IN (24 NM) 115 - 175 SEC TIMING AC 24 V 50/60 HZ DC 24 V	NONE	
M9124-AGC-2			2-SPDT	
M9124-AGD-2	DC 0(2) . . . 10 V DC 0(4) . . . 20 MA PROPORTIONAL		NONE	135 OHM POTENTIOMETER
M9124-AGE-2				1000 OHM POTENTIOMETER
M9124-GGA-2				DC 0(2) . . . 10 V FEEDBACK
M9124-GGC-2	DC 0 . . . 10 V DC 0 . . . 20 MA PROPORTIONAL ADJUSTABLE START & SPAN		2-SPDT	
M9124-HGA-2			NONE	DC 0 . . . 10 V FEEDBACK
M9124-HGC-2			2-SPDT	
M9124-JGA-2			NONE	
M9124-JGC-2	100 - 10,000 OHM POTENTIOMETER		2-SPDT	



M9132 Series Damper Actuators



M9132 SERIES

- Simple direct coupling reduces installation and commissioning time while improving reliability by eliminating damper linkages
- Robust 280 lb-in (32 Nm) torque rating
- Rotation range 0 to 90° in 5° increments, mechanically limited to 93°
- Fits 3/8 to 3/4" (10 to 20 mm) round shaft, 3/8 to 5/8" (10 to 16 mm) square shaft; 1" (25.4 mm) diameter jackshaft with M9000-154 adapter
- On-off, floating and proportional control inputs meet the needs of most applications
- Output position feedback provides simple closed-loop control with accurate position sensing
- Master/slave operation allows synchronized control for two actuators stacked for tandem applications – doubles rated torque output
- Electronic stall detection ensures higher reliability by deactivating the actuator motor when a stall condition is detected
- Jumper selectable DC 0(2)...10 V or DC 0(4)...20 mA, proportional control
- Jumper-selectable rotation direction and manual gear release simplify installation, setup, and field adjustments
- 2-SPDT optional auxiliary switches
- 1/2" NPT threaded housing provides easy connection for electrical fittings
- Manual gear release simplifies damper / valve setup and commissioning
- -4 to 122°F (-20 to 50°C) ambient temperature range
- Rated for 30,000 full stroke cycles
- UL Listed, CSA Certified, CE Mark

M9132 SERIES NON-SPRING RETURN DAMPER ACTUATORS

CODE NUMBER	CONTROL TYPE	TORQUE/TIMING/VOLTAGE	AUXILIARY SWITCHES	COMMENTS
M9132-AGA-2	ON-OFF / FLOATING	280 LB-IN (32 NM) 115 - 205 SEC TIMING AC 24 V 50/60 HZ DC 24 V	NONE	
M9132-AGC-2			2-SPDT	
M9132-AGE-2			NONE	1000 OHM POTENTIOMETER
M9132-GGA-2	DC 0(2) . . . 10 V DC 0(4) . . . 20 MA PROPORTIONAL			DC 0(2) . . . 10 V FEEDBACK
M9132-GGC-2			2-SPDT	