

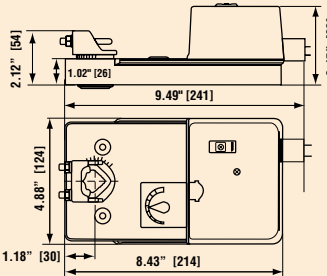
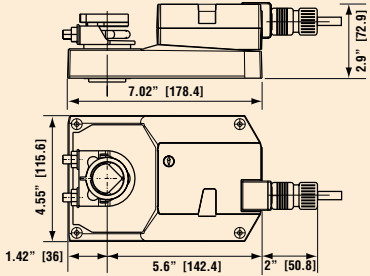









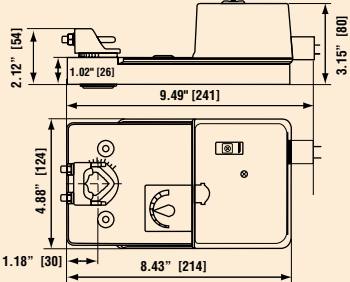
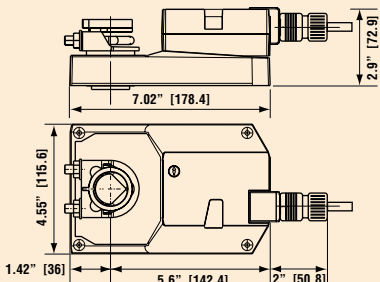








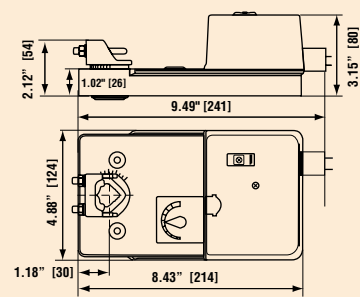
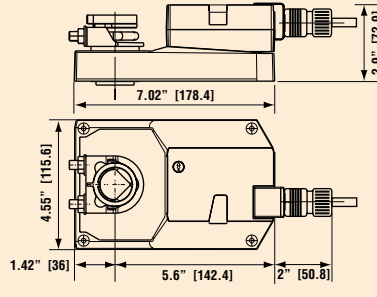









	GM24-MFT US	GMX24-MFT (New Generation)	
OPERATION	Torque	320 in-lb [36 Nm]	360 in-lb [40 Nm]
	Running time	Variable (120 to 300 secs)	Variable (70 to 280 secs)
	Noise Level	max. <45 db(A)	<45 db(A)
	Motor Technology	Brushless DC 	Brushless DC 
	Overload Protection	Electronic throughout 0 to 95° rotation	Electronic throughout 0 to 95° rotation
	Operating Temperature	-22°F to +122°F [-30°C to +50°C]	-22°F to +122°F [-30°C to +50°C]
	Operating Humidity	0 to 95% RH, non-condensing	0 to 95% RH, non-condensing
CONTROL	Operating Range 'Y'	Variable (VDC, PWM, Floating Pt, On/Off)	Variable (VDC, PWM, Floating Pt, On/Off)
	Input Impedance	100 kΩ (0.1 mA), 500Ω 1500Ω (PWM, Floating Pt, On/Off)	100 kΩ (0.1 mA), 500Ω 1500Ω (PWM, Floating Pt, On/Off)
	Feedback Output 'U'	VDC Variable	VDC Variable
MOUNTING & COMMISSIONING	Dimensions		
	(L x W x H)	9.49" x 4.88" x 3.15" [241 x 124 x 80 mm]	9.02" x 4.55" x 2.87" [229.2 x 115.6 x 72.9]
	With conduit fitting	9.49" x 4.88" x 3.15" [241 x 124 x 80 mm]	9.02" x 4.55" x 2.87" [229.2 x 115.6 x 72.9]
	Without conduit fitting	8.43" x 4.88" x 3.15" [214 x 124 x 80 mm]	7.02" x 4.55" x 2.87" [178.4 x 115.6 x 72.9]
	Shaft Diameters	15/32" to 3/4" [12 mm to 20 mm] self-centers on 3/4"	5/16" to 1.05" [8 mm to 26mm] self-centers on 1/2", 3/4", 1.05" with insert
	Direction of Rotation	Reversible with A/B switch 	Reversible motor direction with CW/CCW switch. Clicks in place. 
	Manual Override	External button	External push button.
	Position Indication	Reversible indicator from 0 to 1 	Snap on visual indicator. Reflective in low light conditions. 
	Angle of Rotation	0 to 95°, adjust with mechanical stops Electronically variable	0 to 95°, adjust with mechanical stops Electronically variable
	ELECTRICAL WIRING	Power supply	24 VAC ± 20% 50/60 Hz 24 VDC ± 10%
Power running		3.6 W	4.5 W
Consumption holding		2 W	2 W
Transformer sizing		7 VA (Class 2)	7 VA (Class 2)
Electrical Connection	3 FT, 18 GA appliance rated 1/2" conduit connector 	3 FT, 18 GA plenum rated 1/2 in. conduit connector 	
CONSTRUCTION	Housing Rating	NEMA 2	NEMA 2/IP54
	Housing Material	UL 94-5V	UL 94-5V
	Agency Listings	UL 873 listed, CSA C22.2 No.24 certified, CE 	cULus acc. to UL 60730-1/-2-14 and CAN/CSA C22.2 No.24, CE according to 73 / 23 / EEC
	Storage Temperature	-40°F to +176°F [-40°C to +80°C]	-40°F to +176°F [-40°C to +80°C]
	Weight	4.2 lbs [1.9kg]	3.4 lbs [1.55kg]

	GM24-SR US	GMB24-SR (New Generation)	
OPERATION	Torque	266 in-lb [30 Nm]	360 in-lb [40 Nm]
	Running time	150 seconds	150 seconds
	Noise Level	max. <45 dB(A)	<45 dB(A)
	Motor Technology	Brushless DC 	Brushless DC 
	Overload Protection	Electronic throughout 0 to 95° rotation	Electronic throughout 0 to 95° rotation
	Operating Temperature	-22°F to +122°F [-30°C to +50°C]	-22°F to +122°F [-30°C to +50°C]
	Operating Humidity	0 to 95% RH, non-condensing	0 to 95% RH, non-condensing
CONTROL	Operating Range 'Y'	2 to 10 VDC (4 to 20mA)	2 to 10 VDC (4 to 20mA)
	Input Impedance	100 kΩ (0.1 mA), 500Ω	100 kΩ (0.1 mA), 500Ω
	Feedback Output 'U'	2 to 10 VDC, 0.5 mA max	2 to 10 VDC, 0.5 mA max
MOUNTING & COMMISSIONING	Dimensions		
	(L x W x H)	9.49" x 4.88" x 3.15" [241 x 124 x 80 mm]	9.02" x 4.55" x 2.87" [229.2 x 115.6 x 72.9]
	With conduit fitting	9.49" x 4.88" x 3.15" [241 x 124 x 80 mm]	9.02" x 4.55" x 2.87" [229.2 x 115.6 x 72.9]
	Without conduit fitting	8.43" x 4.88" x 3.15" [214 x 124 x 80 mm]	7.02" x 4.55" x 2.87" [178.4 x 115.6 x 72.9]
	Shaft Diameters	15/32" to 3/4" [12 mm to 20 mm] self-centers on 3/4"	5/16" to 1.05" [8 mm to 26mm] self-centers on 1/2", 3/4", 1.05" with insert
	Direction of Rotation	Reversible with A/B switch 	Reversible motor direction with CW/CCW switch. Clicks in place. 
	Manual Override	External button	External push button.
	Position Indication	Reversible indicator from 0 to 1 	Snap on visual indicator. Reflective in low light conditions. 
	Angle of Rotation	0 to 95°, adjust with mechanical stops	0 to 95°, adjust with mechanical stops
	ELECTRICAL WIRING	Power supply	24 VAC ± 20% 50/60 Hz 24 VDC ± 10%
Power Consumption		running 3 W holding 2 W	4.5 W 2 W
Transformer sizing		7 VA (Class 2)	6.5 VA (Class 2)
Electrical Connection		3 FT, 18 GA appliance rated 1/2" conduit connector 	3 FT, 18 GA plenum rated 1/2 in. conduit connector 
CONSTRUCTION	Housing Rating	NEMA 2	NEMA 2/IP54
	Housing Material	UL 94-5V	UL 94-5V
	Agency Listings	UL 873 listed, CSA C22.2 No.24 certified, CE 	cULus acc. to UL 60730-1/-2-14 and CAN/CSA C22.2 No.24, CE according to 73 / 23 / EEC
	Storage Temperature	-40°F to +176°F [-40°C to +80°C]	-40°F to +176°F [-40°C to +80°C]
	Weight	4.2 lbs [1.9kg]	3.4 lbs [1.55kg]

	GM24 US	GMB24-3 (New Generation)	
OPERATION	Torque	320 in-lb [36 Nm]	360 in-lb [40 Nm]
	Running time	135 seconds	150 seconds
	Noise Level	max. <45 db(A)	<45 db(A)
	Motor Technology	DC Motor	Brushless DC 
	Overload Protection	Electronic throughout 0 to 95° rotation	Electronic throughout 0 to 95° rotation
	Operating Temperature	-22°F to +122°F [-30°C to +50°C]	-22°F to +122°F [-30°C to +50°C]
	Operating Humidity	0 to 95% RH, non-condensing	0 to 95% RH, non-condensing
CONTROL	Control Type	On/Off, Floating Point	On/Off, Floating Point
	Input Impedance	3900Ω	600Ω
MOUNTING & COMMISSIONING	Dimensions		
	(L x W x H)	9.49" x 4.88" x 3.15" [241 x 124 x 80 mm]	9.02" x 4.55" x 2.87" [229.2 x 115.6 x 72.9]
	With conduit fitting	9.49" x 4.88" x 3.15" [241 x 124 x 80 mm]	9.02" x 4.55" x 2.87" [229.2 x 115.6 x 72.9]
	Without conduit fitting	8.43" x 4.88" x 3.15" [214 x 124 x 80 mm]	7.02" x 4.55" x 2.87" [178.4 x 115.6 x 72.9]
	Shaft Diameters	15/32" to 3/4" [12 mm to 20 mm] self-centers on 3/4"	5/16" to 1.05" [8 mm to 26mm] self-centers on 1/2", 3/4", 1.05" with insert
	Direction of Rotation	Reversible with A/B switch 	Reversible motor direction with CW/CCW switch. Clicks in place. 
	Manual Override	External button	External push button.
	Position Indication	Reversible indicator from 0 to 1 	Snap on visual indicator. Reflective in low light conditions. 
	Angle of Rotation	0 to 95°, adjust with mechanical stops	0 to 95°, adjust with mechanical stops
	ELECTRICAL WIRING	Power supply	24 VAC ± 20% 50/60 Hz 24 VDC ± 10%
Power running		3 W	4 W
Consumption holding		1 W	2 W
Transformer sizing		6 VA (Class 2)	6 VA (Class 2)
Electrical Connection	3 FT, 18 GA appliance rated 1/2" conduit connector 	3 FT, 18 GA plenum rated 1/2 in. conduit connector 	
CONSTRUCTION	Housing Rating	NEMA 2	NEMA 2/IP54
	Housing Material	UL 94-5V	UL 94-5V
	Agency Listings	UL 873 listed, CSA C22.2 No.24 certified, CE 	cULus acc. to UL 60730-1/-2-14 and CAN/CSA C22.2 No.24, CE according to 73 / 23 / EEC
	Storage Temperature	-40°F to +176°F [-40°C to +80°C]	-40°F to +176°F [-40°C to +80°C]
	Weight	4.0 lbs [1.8kg]	3.4 lbs [1.55kg]