

1-800-GRAINGER (472-4643)

CONTINUED



SIEMENS Honeywell KMC BELIMO

Electric Damper Actuators

Torque	Signal Type	Timing	Voltage	Switch Type	Mfr. Model	Item No.
Honeywell (Cont.) Spring-Return						
30 in-lb	On/Off	15 sec Nominal @ 60 Hz, 15 sec Spring Return	24VAC	—	MS8104F1010	34GR11
	On/Off	15 sec Nominal @ 60 Hz, 15 sec Spring Return	120VAC	2 PSDT	MS4104F1010	34GR10
	Floating	25 sec Spring Return, 90 sec Nominal @ 60 Hz	24VAC/DC	SPDT	MS7505W2030	278Y41
44 in-lb	Floating, On/Off	25 sec Spring Return, 45 sec Nominal @ 60 Hz	24VAC/DC	SPDT	MS7505A2130	6HMH3
	Floating, On/Off	25 sec Spring Return, 90 sec Nominal @ 60 Hz	24VAC/DC	SPDT	MS7505A2030	278Y12
	On/Off	25 sec Spring Return, 45 sec Nominal @ 60 Hz	24VAC/DC	2 SPST	MS8105W1030	6XKH3
80 in-lb	On/Off	25 sec Spring Return, 45 sec Nominal @ 60 Hz	24VAC/DC	SPST	MS8105A1030	278Y20
	On/Off	25 sec Spring Return, 45 sec Nominal @ 60 Hz	24VAC/DC	SPST	MS8105A1130	278Y42
	On/Off	25 sec Spring Return, 45 sec Nominal @ 60 Hz	120/230VAC	SPST	MS4105A1030	278Y33
	On/Off	15 sec Nominal @ 60 Hz, 15 sec Spring Return	24VAC	5 SPDT	MS8109F1010	278Y30
	On/Off	15 sec Nominal @ 60 Hz, 15 sec Spring Return	120VAC	—	MS4109F1010	34GR12
	Floating	20 sec Spring Return, 90 sec Nominal @ 60 Hz	24VAC/DC	Modulating/Floating	MS7510W2206	6XKH0
88 in-lb	Floating, On/Off	20 sec Spring Return, 90 sec Nominal @ 60 Hz	24VAC/DC	SPDT	MS7510A2008	2HF06
	On/Off	20 sec Spring Return, 45 sec Nominal @ 60 Hz	24VAC/DC	SPST	MS8110A1008	278Y34
	On/Off	20 sec Spring Return, 45 sec Nominal @ 60 Hz	100-240VAC	SPST	MS4110A1002	278Y21
	On/Off	20 sec Spring Return, 45 sec Nominal @ 60 Hz	100-240VAC	2 SPDT	MS4110A1200	278Y31
	Floating	20 sec Spring Return, 90 sec Nominal @ 60 Hz	24VAC	Modulating/Floating	MS7520W2205	6XKH2
	Floating	20 sec Spring Return, 90 sec Nominal @ 60 Hz	24VAC	Modulating/Floating	MS7520W2007	278Y39
175 in-lb	Floating, On/Off	20 sec Spring Return, 90 sec Nominal @ 60 Hz	24VAC	SPDT	MS7520A2007	2HFE3
	On/Off	15 sec Nominal @ 60 Hz, 15 sec Spring Return	24VAC	SPST	MS8120F1002	278Y16
	On/Off	15 sec Nominal @ 60 Hz, 15 sec Spring Return	24VAC	2 SPDT	MS8120F1200	278Y17
	On/Off	15 sec Nominal @ 60 Hz, 15 sec Spring Return	120VAC	SPST	MS4120F1006	2HE9Y
	On/Off	15 sec Nominal @ 60 Hz, 15 sec Spring Return	120VAC	2 SPDT	MS4120F1204	2HEZ1
	On/Off	20 sec Spring Return, 45 sec Nominal @ 60 Hz	24VAC/DC	2 SPST	MS8120W1205	278Y43
—	On/Off	20 sec Spring Return, 45 sec Nominal @ 60 Hz	100-240VAC	SPST	MS4120A1001	278Y23
	On/Off	20 sec Spring Return, 45 sec Nominal @ 60 Hz	100-240VAC	2 SPDT	MS4120A1209	278Y24

Torque	Signal Type	Timing	Voltage	Switch Type	Mfr. Model	Item No.
Non-Spring-Return						
44 in-lb	Floating, On/Off	95 sec Nominal @ 60 Hz	24VAC/DC	SPDT	MN7505A2001	278Y11
70 in-lb	Floating, On/Off	95 sec Nominal @ 60 Hz	24VAC/DC	SPDT	MN6105A1011	278Y13
	Floating, On/Off	90 sec Nominal @ 60 Hz	24VAC	SPDT	ML6174B2019	278Y14
—	Proportional	90 sec Nominal @ 60 Hz	24VAC	—	ML7174A2001	278Y27
KMC Controls Non-Spring-Return						
40 in-lb	Floating	90 sec	24VAC/DC	—	MEP-4001	6HXU4
—	Floating	90 sec	24VAC/DC	—	MEP-4003	6HXU6
	Proportional	90 sec	24VAC/DC	—	MEP-4002	6HXU5
Capacitor Failsafe						
320 in-lb	Floating	90 to 115 sec and 80 to 115 sec	24VAC/DC	—	MEP-7851	6HXU7
—	Floating	90 to 115 sec and 80 to 115 sec	24VAC/DC	—	MEP-7853	6HXU9
	Proportional	90 to 115 sec	24VAC/DC	—	MEP-7852	6HXU8
Belimo Spring-Return						
22 in-lb	On/Off	75 sec	24VAC/DC	—	TFRB24	42FG37
30 in-lb	On/Off	75 sec	100-240VAC	SPDT	TFB120-S	42FG39
	On/Off	15 sec	120VAC	—	FSLF120	40LV79
35 in-lb	Floating, On/Off	150 sec	24VAC/DC	—	LF24-3	40LV85
	MFT	150 sec	24VAC/DC	—	LF24-MFT	40LV86
	On/Off	75 sec	24VAC/DC	—	LF24	40LV84
	On/Off	75 sec	24VAC/DC	SPDT	LF24-S	40LV87
70 in-lb	On/Off	75 sec	120VAC	—	LF120	40LV82
	On/Off	75 sec	120VAC	SPDT	LF120-S	40LV83
	Proportional	150 sec	24VAC/DC	—	LF24-SR	40LV88
	On/Off	15 sec	120VAC	—	FSNF120	40LV80
90 in-lb	Proportional	95 sec	24VAC/DC	—	NFB24-SR	40LV94
	MFT	150 sec	24VAC/DC	—	AFB24-MFT	40LV71
	On/Off	25 sec	120VAC	—	FSAF120A	467F89
	On/Off	75 sec	24-240VAC	—	AFBUP	40LV74
180 in-lb	On/Off	75 sec	24-240VAC	2 SPDT	AFBUP-S	40LV75
	On/Off	75 sec	24VAC/DC	—	AFB24	40LV70
	On/Off	75 sec	24VAC/DC	2 SPDT	AFB24-S	40LV72
	On/Off	95 sec	24VAC/DC	2 SPDT	AFB24-SR	40LV76
—	Proportional	95 sec	24VAC/DC	—	AFB24-SR	40LV73
Non-Spring Return						
45 in-lb	Floating, On/Off	90 sec	24VAC/DC	—	LRB24-3	40LV92
—	Floating, On/Off	150 sec	24VAC/DC	—	LMB24-3	40LV89
	Floating, On/Off	150 sec	24VAC/DC	—	LMB24-3-T	40LV90
90 in-lb	Proportional	90 sec	24VAC/DC	—	LRB24-SR	40LV93
	Proportional	95 sec	24VAC/DC	—	LMB24-SR	40LV91
—	Proportional	95 sec	24VAC/DC	—	LMB24-SR-T	42FG35
	Floating, On/Off	95 sec	24VAC/DC	—	NMB24-3	40LV95
—	MFT	150 sec	24VAC/DC	—	NMB24-MFT	42FG31
	Proportional	150 sec	24VAC/DC	—	NMB24-SR	40LV96
180 in-lb	Floating, On/Off	95 sec	24VAC/DC	—	AMB24-3	35YK09
	Proportional	90 sec	24VAC/DC	—	ARB24-SR	40LV78
360 in-lb	Proportional	95 sec	24VAC/DC	—	AMB24-SR	40LV77
	Floating, On/Off	150 sec	24VAC/DC	—	GMB24-SR	40LV81
—	Floating, On/Off	90 sec	24VAC	—	TR24-3	40LV97
	Proportional	90 sec	24VAC/DC	—	TR24-3-T	40LV98
—	Proportional	90 sec	24VAC/DC	—	TR24-SR-T	42FG32

Damper Motors

NEMA 3 wiring box provides weather protection, except 2E976 has an internal SPDT switch.

Spring Return	Torque	Signal Type	Timing	Voltage	H	W	D	Mfr. Model	Item No.
Electric Actuator, Modutrol Motor									
No	150 in-lb	Proportional	30 to 60 sec Nominal @ 60 Hz	24V AC	6 7/8 in	5 1/2 in	7 3/8 in	M9184D1021	1D290
Yes	60 in-lb	Proportional	30 to 60 sec Nominal @ 60 Hz	24V AC	6 7/8 in	5 1/2 in	8 3/4 in	M9185D1004	4E389
Yes	60 in-lb	Proportional	30 to 60 sec Nominal @ 60 Hz	24V AC	6 7/8 in	5 1/2 in	8 3/4 in	M8185D1006	278Y15
Yes	20 in-lb	—	25 sec Spring Return, 30 sec Nominal @ 60 Hz	120V AC	4 1/2 in	4 3/4 in	3 3/4 in	M436A1116	2E976
Electric Actuator, Modutrol IV Motor									
No	150 in-lb	Proportional	30 to 60 sec	24V AC	6 7/8 in	5 1/2 in	7 3/8 in	M6184D1035	1R2Y9
Modutrol IV Accessories									
Internal Transformer Kit, 24/120/240VAC Input, Converts from Low Voltage to Line Voltage								50017460-001	278Y98
Internal Auxiliary Switch, Features 1 SPDT Switch with Selectable Differential of 1° to 10° Rotation								220736A	278208
Internal Auxiliary Dual Switch, Features 2 SPDT Switches with Selectable Differential of 1° to 10° Rotation								220736B	278209
Super Tradeline Damper Linkage, Internal or External Mount, Contains Ball Joints, Motor Crank Arm and Damper Arm for 1/2 in Diameter Shaft								Q605D1069	278Y92
Tradeline Valve Linkage, for Motors and Valves with 3/4" Stem Travel and 1 3/8" Bonnet Dia.; 80/160 Pounds Adjustable Stem Force								Q5001D1000	278203
Tradeline Valve Linkage For High Stem Forces, for Motors and Valves with 3/4" Stem Travel and 1 3/8" Bonnet Dia.; 160 or 320 Stem Force								Q5001D1018	278211
Adapter Plate, Steel Bracket to Adjust Modutrol IV Motors to Match Shaft Height of Modutrol III Motors								220738A	278205

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