






Product Selection - Actuators

Direct Coupled Actuators







SPRING RETURN

Order Specification Number (without whips)	Order Specification Number (with whips)	Damper Area (4.5 lb-in/sq. ft.)	Running Time		Power Supply		Control Input/Output							SPDT Auxiliary Switches	
			Drive (sec)	Spring Return (sec)	24 Vac/dc	120-230 Vac	VA Rating (Running)	Sylk-Enabled	On/Off	0/2-10 Vdc	Floating	3 kOhm NTC, 3-Position	Feedback (0/2-10 Vdc)		Adj. Zero and Span
Diamond 3 Nm (3 Nm, 27 lb-in)															
	MS7103A1021	6	90	<25	•	•	4				•**				0
	MS7103A2021	6	90	<25	•	•	4				•**				0
	MS7103A2221	6	90	<25	•	•	4				•**				2 (SPST)
	MS7503A2021	6	90	<25	•	•	4				•	•			0
	MS7503A2221	6	90	<25	•	•	4				•	•			2 (SPST)
S03 Series (3 Nm, 27 lb-in)															
	MS4103A1030	6	45	<25		•	9			•					0
	MS4103A1130	6	45	<25		•	9			•					1
	MS8103A1030	6	45	<25	•		6			•					0
	MS8103A1130	6	45	<25	•		6			•					1
	MS3103J1030	6	90	<25	•		6		•						0
	MS7503A2030	6	90	<25	•		6				•	•			0
	MS7503A2130	6	90	<25	•		6				•	•			1
	MS7403A2030*	6	90	<25	•		6				•	•	•		0
S05 Series (5 Nm, 44 lb-in)															
	MS4105A1030	10	45	<25		•	9			•					0
	MS4105A1130	10	45	<25		•	9			•					1
	MS8105A1030	10	45	<25	•		6			•					0
	MS8105A1130	10	45	<25	•		6			•					1
	MS3105J3030	10	90	<25	•		6		•						0
	MS3105J3130	10	90	<25	•		6		•						1
	MS7505A2030	10	90	<25	•		6				•	•			0
	MS7505A2130	10	90	<25	•		6				•	•			1
	MS7405A2030*	10	90	<25	•		6				•	•	•		0
S10 Series (10 Nm, 88 lb-in)															
	MS4110A1002	20	45	<25		•	45			•					0
	MS4110A1200	20	45	<25		•	45			•					2
	MS8110A1008	20	45	<25	•		30			•					0
	MS8110A1206	20	45	<25	•		30			•					2
	MS3110J1008	20	90	<25	•		14		•						0
	MS3110J1206	20	90	<25	•		14		•						2
	MS7510A2008	20	90	<25	•		14				•	•			0
	MS7510A2206	20	90	<25	•		14				•	•			2
	MS7510H2209	20	90	<25	•		14				•	•	•		2
S20 Series (20 Nm, 175 lb-in)															
	MS4120A1001	39	45	<25		•	60			•					0
	MS4120A1209	39	45	<25		•	60			•					2
	MS8120A1007	39	45	<25	•		40			•					0
	MS8120A1205	39	45	<25	•		40			•					2
	MS3120J1007	39	90	<25	•		16		•						0
	MS3120J1205	39	90	<25	•		16		•						2
	MS7520A2007	39	90	<25	•		16				•	•			0
	MS7520A2205	39	90	<25	•		16				•	•			2
	MS7520H2208	39	90	<25	•		16				•	•	•		2

* Model includes Internal Minimum Position Potentiometer

**2-10 Vdc control only

NON-SPRING RETURN

Order Specification Number (without whips)	Order Specification Number (with whips)	Damper Area (4.5 lb-in/sq. ft.)	Running Time	Power Supply		Control Input/Output							SPDT Auxiliary Switches		
				24 Vac/dc	24 Vac	VA Rating (Running)	On/Off	Floating	0/2-10 Vdc	2-10 Vdc	Feedback (0/2-10 Vdc)				
N05 Series (5 Nm, 44 lb-in)															
	MN6105A1011	MN6105W1011	10	90	•	•	5			•	•				0
	MN6105A1201		10	90	•	•	5			•	•				2
	MN7505A2001	MN7505W2001	10	90	•	•	5			•	•				0
	MN7505A2209		10	90	•	•	5			•	•				2
N10 Series (10 Nm, 88 lb-in)															
	MN6110A1003		20	90	•	•	5			•	•				0
	MN6110A1201		20	90	•	•	5			•	•				2
	MN7510A2001		20	90	•	•	5			•	•				0
	MN7510A2209		20	90	•	•	5			•	•				2
N20 Series (20 Nm, 175 lb-in)															
	MN6120A1002		39	90	•	•	6			•	•				0
	MN6120A1200		39	90	•	•	6			•	•				2
	MN7220A2007		39	90	•	•	6			•	•				0
	MN7220A2205		39	90	•	•	6			•	•				2
N34 Series (34 Nm, 300 lb-in)															
	MN6134A1003		67	90	•	•	9			•	•				0
	MN7234A2008		67	90	•	•	8			•	•				0
ML6161/7161 (4 Nm, 35 lb-in)															
	ML6161A2009		8	90	•	•	1.8			•	•			w/ accessory	0
	ML6161A2017		8	420	•	•	1.8			•	•			w/ accessory	0
	ML6161A2025		8	180	•	•	1.8			•	•			w/ accessory	0
	ML6161B2024		8	90	•	•	1.8			•	•				0
	MS6161B2032		8	420	•	•	1.8			•	•				0
	ML6161B2073		8	180	•	•	1.8			•	•				0
	ML6161C2007		8	90	•	•	1.8			•	•			w/ accessory	0
	ML6161D2006		8	90	•	•	1.8			•	•				0
	ML7161A2008		8	90	•	•	5.4			•	•				0
ML6174/7174 (8 Nm, 70 lb-in)															
	ML6174A2002		16	90	•	•	2.4			•	•			w/ accessory	0
	ML6174A2010		16	180	•	•	2.4			•	•			w/ accessory	0
	ML6174B2019		16	90	•	•	2.4			•	•				0
	ML6174B2035		16	420	•	•	2.4			•	•				0
	ML6174D2009		16	90	•	•	2.4			•	•				0
	ML6174E2008		16	90	•	•	2.4			•	•				0
	ML7174A2001		16	90	•	•	5.4			•	•				0
	ML7174E2007		16	90	•	•	5.4			•	•				0