

L Series

Linear Electric Valve Actuator

Electrical Data



SUN YEH ELECTRICAL IND. CO., LTD.

SY03-G001B/EN

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1. L-250 to 2000, 1PH, 75% duty cycle

1.1 24VAC/DC, Floating or Modulating Control, 75% duty cycle

Model	Thrust			Motor Power	Running Current	Running Speed		Lock Current
	kgf	lbf	N	Watt	DC / 60 / 50 Hz Amp	DC / 60 / 50 Hz mm / sec	DC / 60 / 50 Hz inch / sec	DC / 60 / 50 Hz Amp
L-250	250	550	2450	15	0.3 / 0.7 / 0.6	0.6 / 0.6 / 0.6	0.023 / 0.023 / 0.023	2.4 / 2.4 / 2.4
L-500	500	1100	4900	15	0.4 / 0.8 / 0.7			2.4 / 2.4 / 2.4
L-1000	1000	2205	9805	25	0.6 / 0.9 / 0.9	0.5 / 0.5 / 0.5	0.019 / 0.019 / 0.019	13.4 / 13.4 / 13.4
L-2000	2000	4410	19615	35	0.6 / 0.9 / 0.9			15.7 / 15.7 / 15.7

1.2 110-120VAC, Floating Control, 75% duty cycle

Model	Thrust			Motor Power	Running Current	Running Speed		Lock Current
	kgf	lbf	N	Watt	60 / 50 Hz Amp	60 / 50 Hz mm / sec	60 / 50 Hz inch / sec	60 / 50 Hz Amp
L-250	250	550	2450	15	0.3 / 0.3	0.6 / 0.6	0.023 / 0.023	0.8 / 0.8
L-500	500	1100	4900	15	0.7 / 0.7			0.8 / 0.8
L-1000	1000	2205	9805	25	0.7 / 0.7	0.5 / 0.5	0.019 / 0.019	0.7 / 0.7
L-2000	2000	4410	19615	35	1.0 / 1.0			0.7 / 0.7

1.3 110-120VAC, Modulating Control, 75% duty cycle

Model	Thrust			Motor Power	Running Current	Running Speed		Lock Current
	kgf	lbf	N	Watt	60 / 50 Hz Amp	60 / 50 Hz mm / sec	60 / 50 Hz inch / sec	60 / 50 Hz Amp
L-250	250	550	2450	15	0.3 / 0.3	0.6 / 0.6	0.023 / 0.023	0.8 / 0.8
L-500	500	1100	4900	15	0.7 / 0.7			0.8 / 0.8
L-1000	1000	2205	9805	25	0.7 / 0.7	0.5 / 0.5	0.019 / 0.019	0.7 / 0.7
L-2000	2000	4410	19615	35	1.0 / 1.0			0.7 / 0.7

1.4 220-240VAC, Floating Control, 75% duty cycle

Model	Thrust			Motor Power	Running Current	Running Speed		Lock Current
	kgf	lbf	N	Watt	60 / 50 Hz Amp	60 / 50 Hz mm / sec	60 / 50 Hz inch / sec	60 / 50 Hz Amp
L-250	250	550	2450	15	0.2 / 0.2	0.6 / 0.6	0.023 / 0.023	0.5 / 0.5
L-500	500	1100	4900	15	0.3 / 0.3			0.5 / 0.5
L-1000	1000	2205	9805	25	0.3 / 0.3	0.5 / 0.5	0.019 / 0.019	1.5 / 1.5
L-2000	2000	4410	19615	35	0.5 / 0.5			1.5 / 1.5

1.5 220-240VAC, Modulating Control, 75% duty cycle

Model	Thrust			Motor Power	Running Current 60 / 50 Hz	Running Speed 60 / 50 Hz		Lock Current 60 / 50 Hz
	kgf	lbf	N	Watt	Amp	mm / sec	inch / sec	Amp
L-250	250	550	2450	15	0.2 / 0.2	0.6 / 0.6	0.023 / 0.023	0.5 / 0.5
L-500	500	1100	4900	15	0.4 / 0.4			0.5 / 0.5
L-1000	1000	2205	9805	25	0.4 / 0.4	0.5 / 0.5	0.019 / 0.019	1.5 / 1.5
L-2000	2000	4410	19615	35	0.7 / 0.7			1.5 / 1.5