

L3

ElectroCraft L3 Series

STEPPER LINEAR ACTUATOR

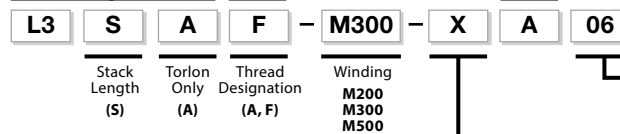


L3 Model Number Example

Model Number	Length (in)	Length (mm)	Weight (g)	Rotor Inertia (g-cm ²)
L3SA	3.04	77.2	1843	1398

Thread Description	Lead (in)	Lead (mm)	Travel/Step (in)	Travel/Step (mm)	Max Force L3 (lbs)	Max Force L3 (N)
A 1/2-10 (15)	0.10000	2.54000	0.0005000	0.0127000	470	2090
F 1/2-10 (25)	0.20000	5.08000	0.0010000	0.0254000	280	1245

Leadscrew End Features	
X	No End Feature
A	1/4-28 UNF-2B
B	M6 x 1.0 Thread
C	.2502/.2499" Journal
D	.235/.236 Journal



Windings	Unipolar (V) / Bipolar (A)	Rated Voltage (VDC)	Rated Current (A)	Phase Resistance (Ohm)	Phase Inductance (mH)
M200	A	5.00	2.00	2.50	21.90
M300	A	3.00	3.00	1.00	8.70
M500	A	2.00	5.00	0.40	3.40

Feedback	
X	No Encoder
B	400 Line Differential
D	1000 Line Differential
H	400 Line Single Ended
K	1000 Line Single Ended

Screw Length	
X	No Leadscrew
06	152.4mm (6 inches)
12	304.8mm (12 inches)
18	457.2mm (18 inches)



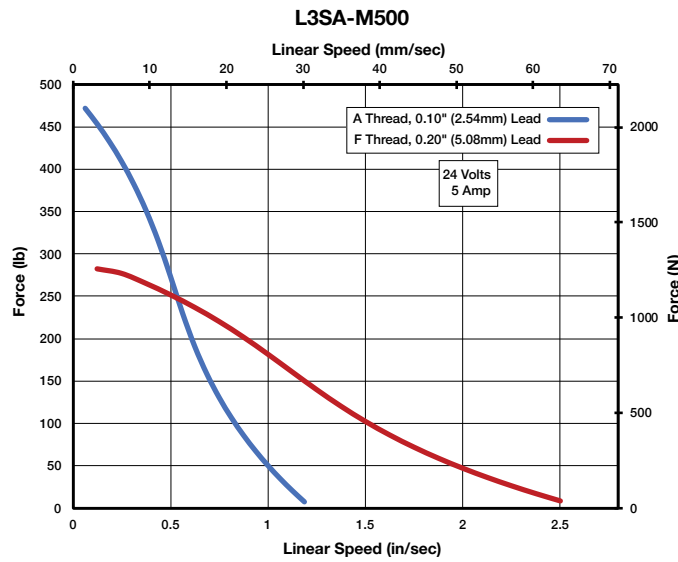
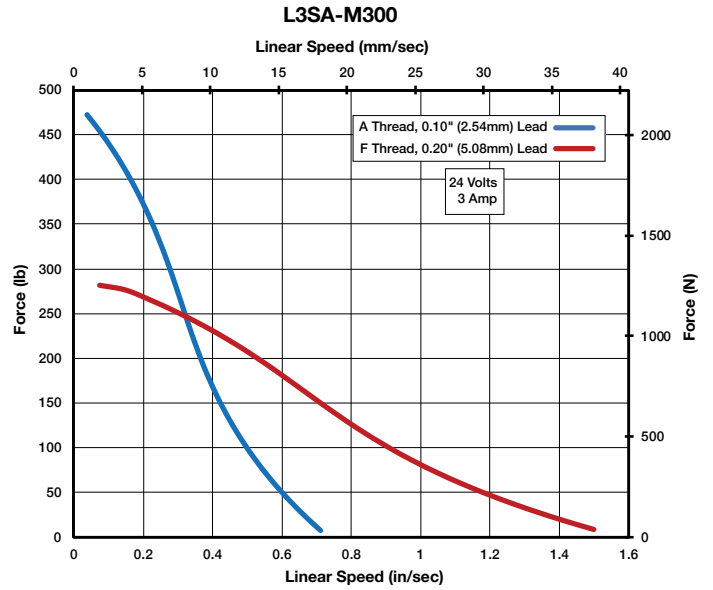
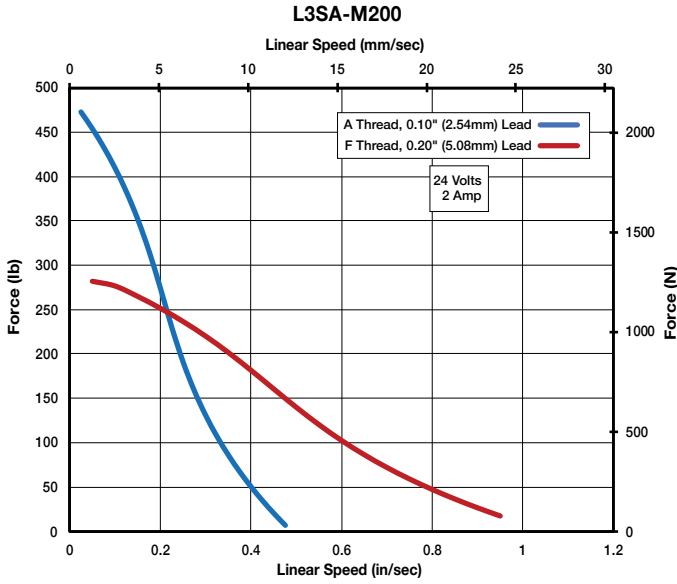
Your Genius. Our Drive.

ElectroCraft, Inc.
250 McCormick Road,
Gallipolis, Ohio 45631

Tel: (844) 338-8114
Fax: (812) 385-3013

Email: sales@electrocrafter.com
www.electrocrafter.com

L3 Performance Curves



Your Genius. Our Drive.

ElectroCraft, Inc.
250 McCormick Road,
Gallipolis, Ohio 45631

Tel: (844) 338-8114
Fax: (812) 385-3013

Email: sales@electrocrafter.com
www.electrocrafter.com