

LINX[®] M-SERIES

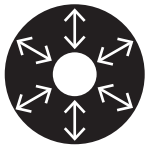
Highly Dynamic Motion Systems

AT A GLANCE

- ▶ Highly dynamic
- ▶ Continuous force range of 90N to 160N
- ▶ Peak force up to 1,200N
- ▶ Modular heatsink
- ▶ Integrated position feedback
- ▶ Pneumatics retrofit friendly



THE LINX[®] RANGE



Zero net attractive forces improve efficiency with no down force, extending machine life.



LINX[®] IS BETTER

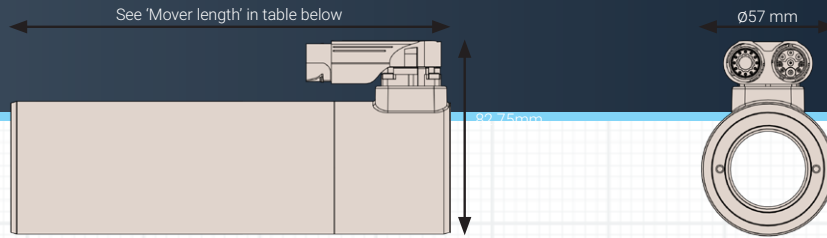
Our cylindrical linear motor design provides improved performance at a lower cost when compared to conventional flat linear and rotary motors.

FIT YOUR APPLICATION

The LinX[®] linear motor range are available in a variety of different sizes to allow for application specific solutions.

PROTECTION IS KEY

The motors are fully sealed rated to IP67, ensuring they are perfect for automation and machine tool, with IP69K coming soon for food processing systems

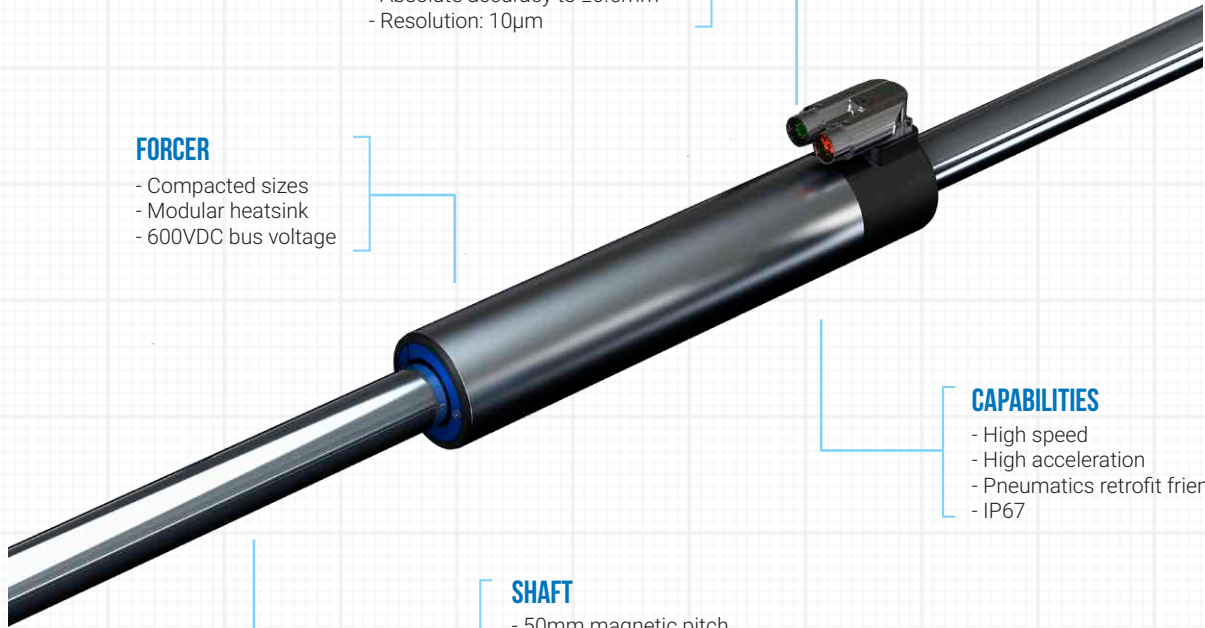


INTEGRATED POSITION FEEDBACK

- Absolute accuracy to $\pm 0.5\text{mm}$
- Resolution: $10\mu\text{m}$

FORCER

- Compacted sizes
- Modular heatsink
- 600VDC bus voltage



CAPABILITIES

- High speed
- High acceleration
- Pneumatics retrofit friendly
- IP67

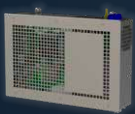
SHAFT

- 50mm magnetic pitch
- Neutral magnetic field
- Stainless steel tube
- Wide stroke range

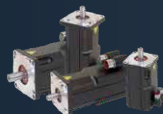
Product Code	Mover Length (mm)	Shaft OD (mm)	Continuous Force (N)*	Peak Force (N)	Continuous Current (A _{RMS})	Peak Current (A)	Resistance 25° C (Ω)	Inductance (mH)	Force Constant (N/A _{RMS})	Weight (kg)
TLMM-15P0	221	30	89	800	3.5	31.4	2.66	2.2	25.5	1.6
TLMM-15H0	221	30	89	800	1.75	15.7	10.64	8.8	51	1.6
TLMM-22P0	296	30	125	1000	4.9	39.2	1.77	1.47	25.5	2.3
TLMM-30P0	371	30	160	1200	6.3	47.0	1.33	1.1	25.5	3.0
TLMM-30H0	371	30	160	1200	3.14	23.5	5.32	4.4	51	3.0

ALL SPECIFICATIONS ARE FOR REFERENCE ONLY. SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

* CONTINUOUS FORCE IS SPECIFIED UNDER NATURAL CONVECTION WITH HEATSINK. THIS CAN BE IMPROVED UNDER FORCED AIR COOLING OR FLUID COOLING CONDITIONS.



CNC



MOTORS



IO DEVICES



USER INTERFACES



SOFTWARE



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motion
Motion Control Solutions
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