MLL-400

The MLL-400 is an electromagnetic direct drive with two travel options. The first option offers a large travel range of up to 300 mm. The second offers a reduced travel range of 200 mm for increased precision. Both versions can be mounted on a 25 x 25 mm breadboard with M6 holes.
The MLL-400 can be used as an XY positioning system as well as a base for an electromagnetic **TRI**POD.

Long Travel Electromagnetic Direct Drive

	Mechanical
Travel [mm]	200 | 300
Continuous Force [N]	6
Peak Force [N]	18
Max. Normal Force [N]	50
Moved Mass (unloaded) [g]	Lower axis: 13000; Upper axis: 6000
Dimensions [mm]	400 x 400 x 70
Weight [g]	21000
	Material
Base Material	Aluminum black anodized
	Closed-Loop
Velocity [mm/s]	Lower axis: max. 200; Upper axis: max. 200
Uni-Directional Repeatability MCS2 [nm]	Typical < ±100 | 150

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