



MLS-92122 - Electromagnetic Direct-Drive

The MLS-92122 is a large size Electromagnetic Direct-Drive which is compatible to the SLS-92 Modular System. It can be easily combined with SLS-92 linear, rotation and goniometer stages. The stages can be powered by the reliable MCS2-Controller series. A large high performance Electromagnetic Direct-Drive with 65 mm travel range.

	Mechanical
Travel [mm]	65
Continuous Force [N]	7.5
Peak Force [N]	22.0
Max. Normal Force [N]	50
Moving Mass [g]	400
Weight [g]	640
Dimensions [mm]	122 X 92 x 17 (LxWxH)
	Material
Base Material	Aluminum
	Closed-Loop
Velocity [mm/s]	900 (on 50% of travel range, without load)
Max. Acceleration (no load) [m/s ²]	45
In-Position Stability [nm]	3
Closed-Loop Repeatability, Full Stroke MCS2 [nm]	+50 (unidirectional); +200 (bidirectional)