



### MLS-3252 - Electromagnetic Direct-Drive

The MLS-3252 is a miniaturized electromagnetic direct drive which is compatible to the CLS-32 modular system. It can be easily combined with CLS-32 linear and rotation stages. The stages can be powered by the reliable MCS2 controller series. A miniaturized Electromagnetic Direct-Drive with 25 mm travel range.

	Mechanical
Travel [mm]	25
Continuous Force [N]	1.0
Peak Force [N]	2.5
Max. Normal Force [N]	10
Moved Mass (unloaded) [g]	40
Dimensions [mm]	52 x 32 x 15
Weight [g]	80
	Material
Base Material	Aluminum
	Closed-Loop
Velocity [mm/s]	350 (on 50% of travel range, without load)
In-Position Stability [nm]	3
Uni-Directional Repeatability MCS2 [nm]	± 40 (S)
	Options
Material Options	Aluminum base as standard; black anodized