



MLS-5282 - Electromagnetic Direct-Drive

The MLS-5282 is a mid size electromagnetic direct drive which is compatible to the CLS-52 modular system. It can be easily combined with [CLS-52 linear](#), [rotation](#) and [goniometer stages](#). The stages can be powered by the reliable [MCS2 controller series](#). An electromagnetic direct drive with 38 mm travel range.

	Mechanical
Travel [mm]	38
Continuous Force [N]	2.0
Peak Force [N]	5.0
Max. Normal Force [N]	20
Moved Mass (unloaded) [g]	100
Dimensions [mm]	82 x 52 x 14
Weight [g]	200
	Material
Base Material	Aluminum
	Closed-Loop
Velocity [mm/s]	750 (on 50% of travel range, without load)
In-Position Stability [nm]	3
Uni-Directional Repeatability MCS2 [nm]	± 40 (S)