

SR-5014 - Rotation Stage

The SR-5014 rotation stage was designed with the compatibility to SmarAct's CLS series in mind, so it can be easily mounted to linear stages of this series and to goniometer stages of the CGO series. The integration of a microsensor makes the rotation stage SR-5014 the most cost effective closed-loop rotary positioner in SmarAct's product line.

	Mechanical
Travel [°]	∞
Blocking Torque [Ncm]	≥ 5
Max. Normal Force [N]	20
Dimensions [mm]	50 x 50 x 14
Weight [g]	100
Aperture [mm]	8
	Open-loop
Angular Velocity [°/s]	> 30
Open-Loop Resolution (H)CU [µ°]	< 100
Open-Loop Resolution MCS2 [µ°]	< 2
	Closed-Loop
Sensor Types	L, S
Sensor Resolution [µ°]	15
	Options
Material Options	Aluminum as standard; steel base (-ST); titanium base (-TI);
Performance Options	Higher blocking torque
Vacuum Options	HV (1E-6 mbar)
Non-Magnetic Option	--

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