

SR-12012 - Rotation Stage

With its 120 x 120 mm footprint, the SR-12012 rotation stage offers an aperture opening of 82 mm while maintaining a low profile with a height of only 12 mm. This stage is mostly chosen for applications where a big aperture and highest precision is absolutely essential.

	Mechanical
Travel [°]	∞
Blocking Torque [Ncm]	≥ 15
Max. Normal Force [N]	20
Dimensions [mm]	120 x 120 x 12
Weight [g]	320
Aperture [mm]	82
	Open-loop
Angular Velocity [°/s]	> 5
Open-Loop Resolution (H)CU [µ°]	< 25
Open-Loop Resolution MCS2 [µ°]	< 0.5
	Closed-Loop
Sensor Types	S
Sensor Resolution [µ°]	5
	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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