

SR-2812 - Rotation Stage

A tailored, backlash-free ceramic bearing leads to a very high accuracy and an extremely low radial runout. This stage is available with different options like ultra-high vacuum compatibility or as a fully non-magnetic version. The SR-2812 is a small closed-loop rotation stage with an aperture opening of 9 mm.

	Mechanical
Travel [°]	∞
Blocking Torque [Ncm]	≥ 3
Max. Normal Force [N]	3
Dimensions [mm]	37.5 x 30 x 12
Weight [g]	35
Aperture [mm]	9
	Open-loop
Angular Velocity [°/s]	> 30
Open-Loop Resolution (H)CU [µ°]	< 100
Open-Loop Resolution MCS2 [µ°]	< 2
	Closed-Loop
Sensor Types	S
Sensor Resolution [µ°]	25
	Options
Material Options	Aluminum as standard; steel base (-ST); titanium base (-TI);
Performance Options	Higher blocking torque
Vacuum Options	HV (1E-6 mbar); UHV (1E-11 mbar)
Non-Magnetic Option	Yes (-NM)

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