



Part number:

RSC-101

Miniature Rotational Stage:

Motorized open aperture stages

Travel range:

360 degrees continuous

Motor type:

Stepper or DC Servo

Motor Voltages:

9 -24V DC

Motor current:

Maximum 200mA

Microsteps per 360deg:

Up to 54500

Moving platform:

Aluminum

Yaw/Pitch angle:

Not specified

Bi-directional repeatability:

0.5deg

Positioning error:

0.5deg

Maximum rated speed:

60deg/s

Maximum normal load:

0.5N (with CG on the rotation axis)

Reference switch:

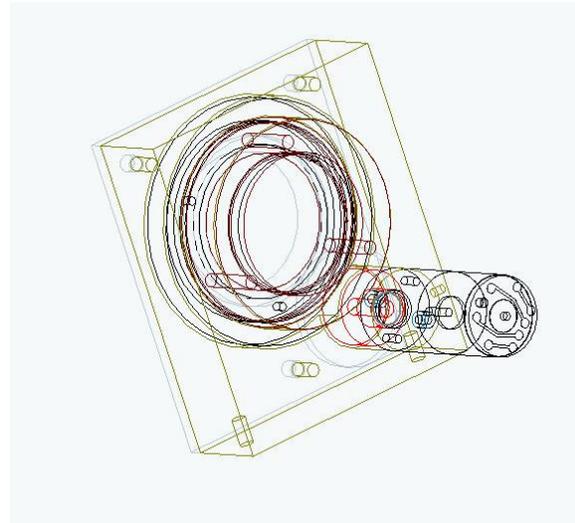
Hall effect

Recommended controller:

USS-210 and **SSP-21** 

Option:

Optical encoder with 3240 increments per 360deg.



RSC-101

- The rotational stage **RSC-101** is compact and has a small size perfect for industrial applications.
- Optionally it can be equipped with an optical encoder offering direct feedback from the rotational platform.
- Smaller apertures can be obtained using an adapter.
- The pin-out are listed below:

	Open loop	Closed loop
Pin 1	Phase A +	NC
Pin 2	+5V	+5V
Pin 3	Phase B +	Ch A
Pin 4	Phase B -	Ch B
Pin 5	Ground	Ground
Pin 6	Phase A-	Reference switch
Pin 7	NC	Phase A +
Pin 8	NC	Phase A -
Pin 9	Reference switch	Phase B +
Pin 10	NC	Phase B -

