



Part number:

RSC-103E

Miniature Rotational Stage:

Motorized open aperture stage

Travel range:

360 degrees continuous

Optical encoder resolution:

3240 counts /360 deg. (6 arc min)

Motor type:

Stepper

Motor Voltages:

9 -20V DC

Motor current:

Maximum 200mA

Microsteps per 360deg:

More than 100,000 in open loop

Moving platform:

Aluminum

Yaw/Pitch a:

Not specified

Bi-directional repeatability:

0.1deg

Maximum rated speed:

120deg/s

Maximum normal load:

0.2N (with CG on the rotation axis)

Reference switch:

Hall effect

Recommended controller:

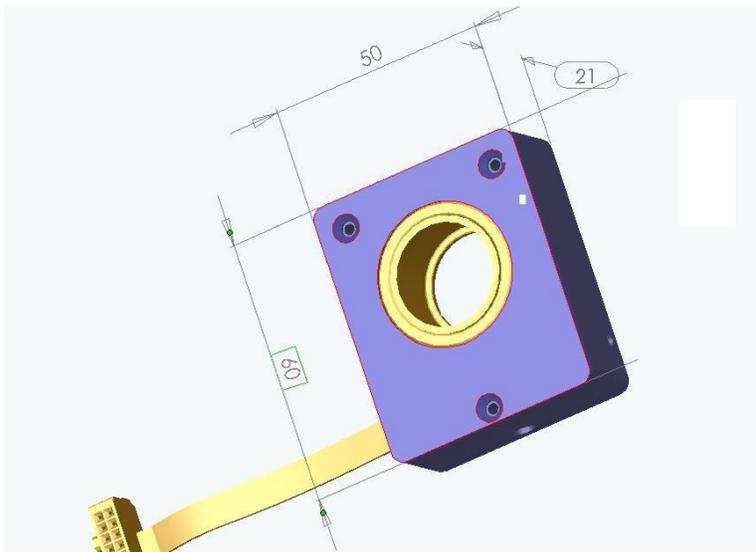
SSQ-21H ROHS

Option:

Optical encoder with 20800 or 83200 increments per 360 deg.



RSC-103



RSC-103E drawing

- The rotational stage **RSC-103E** is compact and has a small size perfect for industrial applications.
- Smaller apertures can be obtained using an adapter.
- The pin-out are listed below:

- Pin 1
- Pin 2
- Pin 3
- Pin 4
- Pin 5
- Pin 6
- Pin 7
- Pin 8
- Pin 9
- Pin 10

Closed loop

- NC
- +5V
- Ch A
- Ch B
- Ground
- Reference switch
- Phase A +
- Phase A -
- Phase B +
- Phase B -

