



Part number:

RDC-101E

Rotational Stage:

Motorized with 1" open aperture

Travel range:

360 degrees continuous

Motor type:

Miniature DC motor 12mm diameter

Motor Voltages:

5 -12V DC

Motor current:

Maximum 200mA

Micro-steps per 360deg:

Up to 3240

Moving platform:

Aluminum

Yaw/Pitch angle:

Not specified

Bi-directional repeatability:

0.1deg

Maximum rated speed:

11,000deg/s (30 rot/sec)

Maximum normal load:

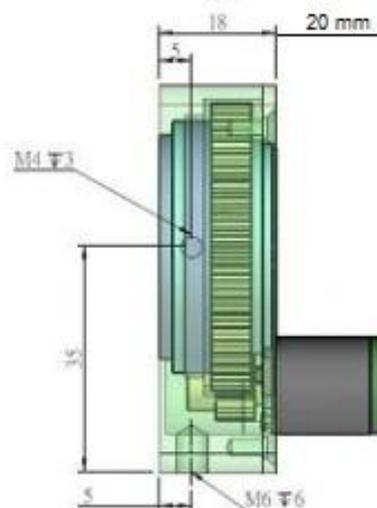
0.1N (with CG on the rotation axis)

Recommended controller:

USD-210 and **DSP-21** 

Option:

Hall effect reference switch



RDC-101E

- Smaller apertures can be obtained using an adapter.
- The pin-out is listed below:

Pin 1	Motor +
Pin 2	Vcc +5V DC
Pin 3	Encoder Ch A
Pin 4	Encoder Ch B
Pin 5	GND
Pin 6	Motor -
Pin 7	NC
Pin 8	NC
Pin 9	Reference switch
Pin 10	GND

