

GO Rotation Stage

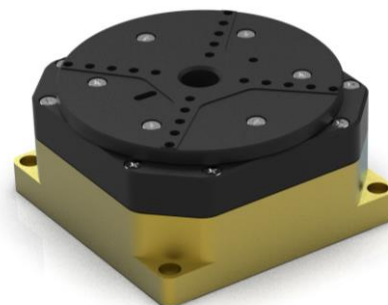
Precise & Powerful

Rotational Motion

Micro Degree Resolution Motion Around One Axis

The PRECIBEO GO Rotation Stage provides up to 90 mNm torque, moves with smooth continuous motion and is self-locking at rest.

The PRECIBEO GO Rotation Stage is easily controlled through the GO Controller and the GO Motion Windows App. C++ DLLs are available for easy programmatic integration.



Technical Specification

MODEL (GO ROTATION STAGE)	RS4545
POSITIONING	
TRAVEL $\Theta(Z)$	∞
POSITION SENSOR	Absolute Optical Encoder
SENSOR RESOLUTION	10 μ°
MIN INCREMENTAL MOTION	10 μ°
MOTION	
MAX OPERATING TORQUE (PUSH / PULL)	90 mNm (min.)
HOLDING TORQUE (WHEN POWER IS OFF)	90 mNm (min.)
MAX SPEED (AT NO LOAD)	35 $^\circ/s$
MAX SPEED (AT MAX OPERATING TORQUE)	20 $^\circ/s$ (min.)
DRIVE TYPE	
MOTOR TYPE	Piezo Drive
MECHANICAL	
MAX LOAD	2 kg
GUIDE TYPE	Pre-loaded Ball Bearing
SIZE	45x45x23 mm
APERTURE	6 mm
WEIGHT (W/O CABLE & CONNECTOR)	140 g (+/-10%)
MISCELLANEOUS	
CABLE	2 m cable (+/-5%) with ix Industrial™ connector
MATERIAL	Anodized Aluminum

A high vacuum version for 10^{-6} mbar is available on request.

Order Information

Please contact us by phone (+46 18 700 13 40) or email (sales@precibeo.com) for any enquiries.

PRODUCT	DESCRIPTION
GO-RS4545	One GO Stage RS4545 with Cable and Connector including: <ul style="list-style-type: none">4 M2 screws for mounting the stage to a substrate.

Disclaimer: Specifications of the product do not constitute a warranty of the properties. They are intended for information purposes only and are subject to change.