

# GO Rotation Stage 4545 HV

## Precise & Powerful

## Rotational Motion

### Micro Degree Resolution Motion in Vacuum

The PRECIBEO GO Rotation Stage 4545 HV is built for high vacuum environments down to 10<sup>-4</sup> Pa. Each stage is fitted with a vacuum side cable (PTFE coated wires in a braided metal sleeve) ended with a D9SUB connector, and comes with an air side D9SUB to ix-Industrial cable.

Connect the vacuum and air side cables to your D9SUB feedthrough, the air side ix-connector to the GO Controller, and you are ready to GO!



### Technical Specification

MODEL (GO ROTATION STAGE)	RS4545
<b>POSITIONING</b>	
TRAVEL Ø(Z)	∞
POSITION SENSOR	Absolute Optical Encoder
SENSOR RESOLUTION	10 µ°
MIN INCREMENTAL MOTION	10 µ°
<b>MOTION</b>	
MAX OPERATING TORQUE (PUSH / PULL)	90 mNm (min.)
HOLDING TORQUE (WHEN POWER IS OFF)	90 mNm (min.)
MAX SPEED (AT NO LOAD)	35 °/s
MAX SPEED (AT MAX OPERATING TORQUE)	20 °/s (min.)
<b>DRIVE TYPE</b>	
MOTOR TYPE	Piezo Drive
<b>MECHANICAL</b>	
MAX LOAD	2 kg
GUIDE TYPE	Pre-loaded Ball Bearing
SIZE	45x45x23 mm
APERTURE	6 mm
WEIGHT (W/O CABLE & CONNECTOR)	140 g (+/-10%)
<b>MISCELLANEOUS</b>	
VACUUM SIDE CABLE	0,5 m cable (+/-5%) with f. D9SUB connector
AIR SIDE CABLE	2 m cable (+/-5%) with f. D9SUB & ix Industrial™ connectors
MATERIAL	Aluminum

### Order Information

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

PRODUCT	DESCRIPTION
GO-RS4545HV	One GO Stage RS4545 HV with vacuum & air side cables and 4 M2 screws for mounting.

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.