

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 10⁻⁴ 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
POSITIONING	
TRAVEL Ø(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 °/s
MAX SPEED (AT MAX OPERATING TORQUE)	20 °/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	
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) 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.