

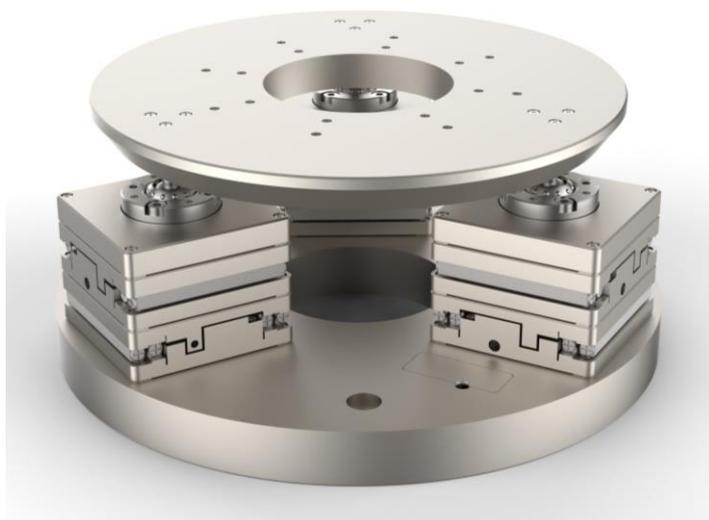
GO XYR Stage HV

Precise 3-Axis Motion in One Plane

Nanometer Resolution Motion in One Plane

The GO XYR Stage HV is built for high vacuum environments down to 10⁻⁴ Pa. The motorized stages come with PTFE coated wires in braided metal sleeves ended with a female D9SUB connector. Each stage also comes with an air side female 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 XYR STAGE HV – 8 N	GO XYR STAGE HV – 16 N
POSITIONING		
TRAVEL (X, Y)	+10 mm	
TRAVEL Θ (Z)	+10°	
MIN INCREMENTAL MOTION (X, Y)	2 nm	
MIN INCREMENTAL MOTION Θ (Z)	< 0,1 μ rad	
REPEATABILITY (X, Y)	+/- 200 nm	
REPEATABILITY Θ (Z)	+/- 15 μ rad	
MOTION		
MAX OPERATING FORCE (PUSH / PULL)	(X) 10 N / (Y) 8 N	(X) 20 N / (Y) 16 N
HOLDING FORCE (WHEN POWER IS OFF)	(X) 12 N / (Y) 10 N	(X) 24 N / (Y) 20 N
MAX SPEED AT NO LOAD (X, Y)	8 mm/s	8 mm/s
MAX SPEED AT MAX PUSH/PULL FORCE	> 5 mm/s	> 1 mm/s
DRIVE TYPE		
HEXSTAGE BASE MODULE	PRECIBEO GO Linear Stage LS4545	
MECHANICAL		
MAX LOAD CENTERED ON TOP PLATE	10 kg	10 kg
DIAMETER	165 mm	
HEIGHT	73,5 mm	
MISCELLANEOUS		
VACUUM SIDE CABLE	3 pcs of 1 m cable (+5%) with f. D9SUB connector	
AIR SIDE CABLE	3 pcs of 2 m cable (+5%) with f. D9SUB & ix Industrial™ connectors	
MATERIAL	Anodized Aluminum	

Order Information

Please contact us by phone ([+46 18 700 13 40](tel:+46187001340)) or email (sales@precibeo.com) for any enquiries.

PRODUCT	DESCRIPTION
GO-XYRHV-8N/16N	One GO XYR Stage HV with Cables and Connectors.

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.