

# Ball Screw Turntable

## VenusLab-R-S8030

### Small-angle high-precision rotating components

- Small angle with high precision: 30° range, 0.005° resolution / repeat positioning
- Light load with stable operation: roller bearing + lead screw drive, 5kg load capacity, end runout 25μ



## One Platform Many Possibilities

Contact Us [sales@venuslabtech.com](mailto:sales@venuslabtech.com)

Get a Quote



Get Expert Advice  
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## Overview

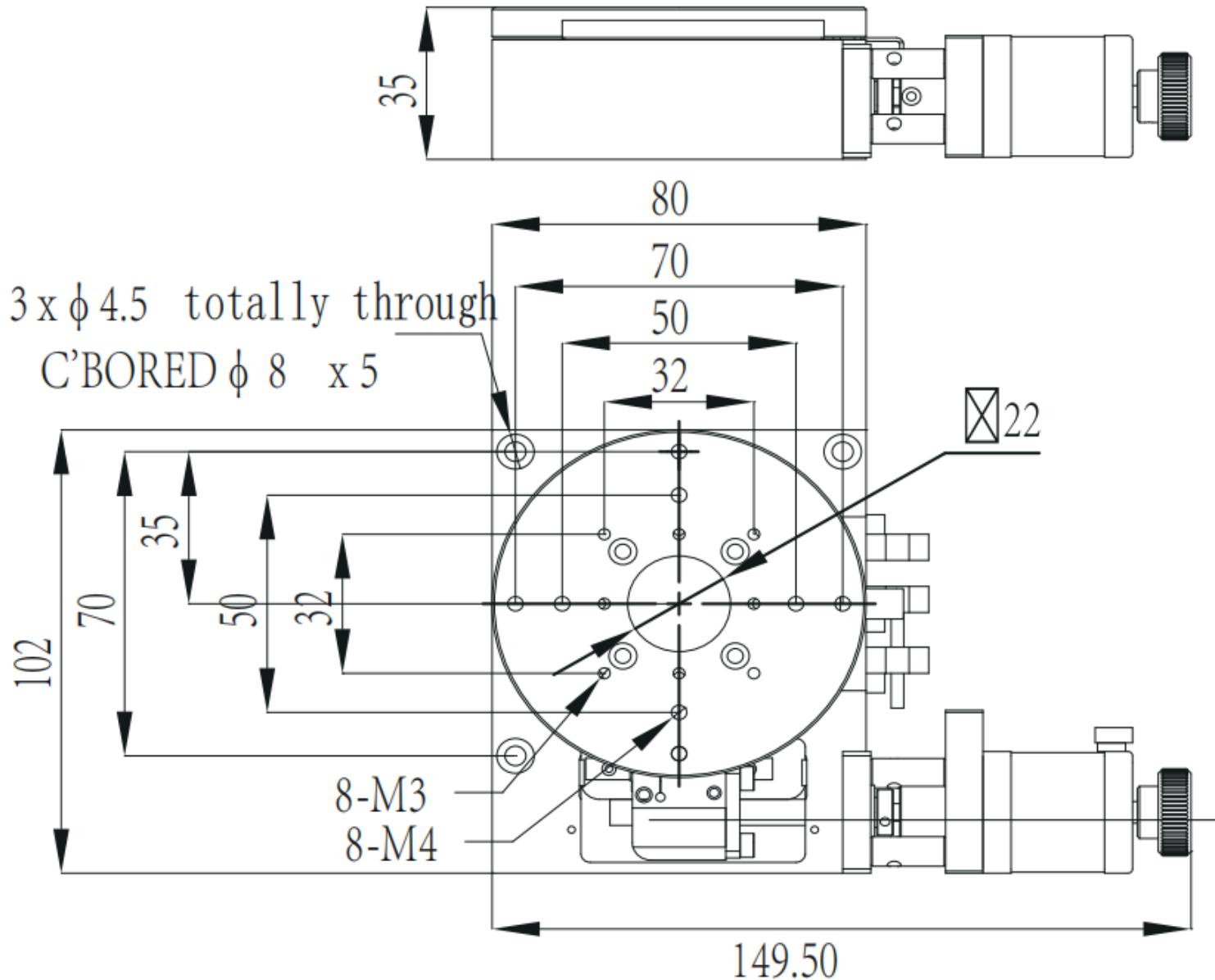
### Small-angle precision electric rotating stage

VenusLab-R-S8030 is a small-angle high-precision electric lead screw rotation stage, focusing on 30 ° scenarios: it achieves 0.005° resolution/repeat positioning with a precision lead screw + roller bearing, has a 5kg load capacity, an end runout of 25μ, and an aluminum body that is lightweight and durable, suitable for micro-angle positioning of small and medium-sized parts in scientific research/ detection.

### Features of VenusLab-R-S8030

- Aluminum alloy anodized body, lightweight and wear-resistant.
- Specialized for precise micro-angle positioning of small and medium-sized parts in scientific research / testing.

### Dimension drawing of VenusLab-R-S8030



## Service & Support

We are dedicated to delivering exceptional optoelectronic solutions to every client. From precision manufacturing and secure delivery to full-lifecycle technical support, we are here to ensure a seamless and reliable experience at every step.

### 1. Warranty Policy

Quality First, Worry-Free Operation

- **Warranty Period:** We offer a **two-year** warranty service for all of our core optoelectronic products, effective from the date of shipment.
- **Coverage:** We provide free repair or replacement services for malfunctions caused by material defects or workmanship errors under normal operating conditions.
- **Rapid Response:** Upon receiving a warranty claim, we guarantee to initiate the assessment process within **24 hours** to minimize your equipment downtime.

### 2. Technical Support

Expert Team, Full-Process Guidance

- **Technical Consultation:** Our team of senior optical engineers provides **24/7 online support** to assist with installation, commissioning, optical path alignment, and parameter optimization.
- **Scheduled Maintenance:** We offer full-lifecycle maintenance recommendations, including firmware upgrades, optical component cleaning guidelines, and precision calibration services.
- **Training Services:** We provide customized remote or on-site operational and safety training to ensure your team can operate the equipment efficiently and safely.

### 3. Logistics & Delivery

Precision Packaging, Global Reach

- **Professional Packaging:** Given the fragile nature of optical instruments, we utilize industrial-grade shockproof, anti-static, and moisture-proof vacuum packaging to ensure zero damage during transit.
- **Logistics Partners:** We partner with top-tier global logistics providers (**DHL / FedEx / UPS / SF Express**) to offer reliable shipping with real-time tracking.
- **Shipping Insurance:** All shipments are fully insured to eliminate logistics risks.

### 4. Compliance & Certification

Strict Standards, Total Compliance

Quality Certification: Our manufacturing process is **ISO 9001 certified**, and our products comply with international standards such as **CE and RoHS**.

Export Compliance: "Committed to environmental responsibility, all our products comply with **RoHS 2.0** and **REACH** standards, ensuring safety and global compliance."

## Explore Series

Model	Tabletop Size	Runout Accuracy	Load (Table/Center)	Weight
VL-R-S8030	φ80mm	25μ	5kg (Center)	0.7kg

 Get in touch with our team to explore configurations, request a quote, or learn more about customized solutions tailored to your needs.

Let us help you move science forward—faster and smarter.

[Get a Quote](#)



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