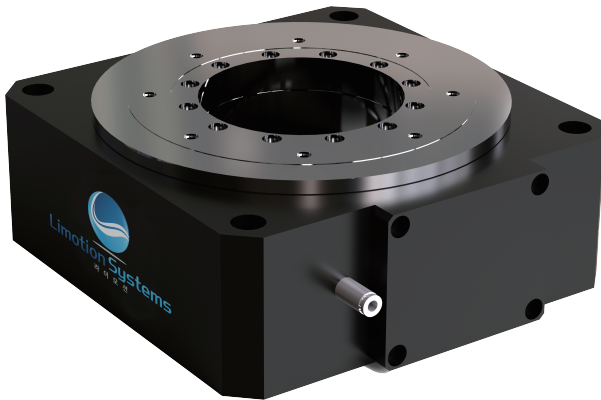


## Clear Aperture Air Bearing Stage



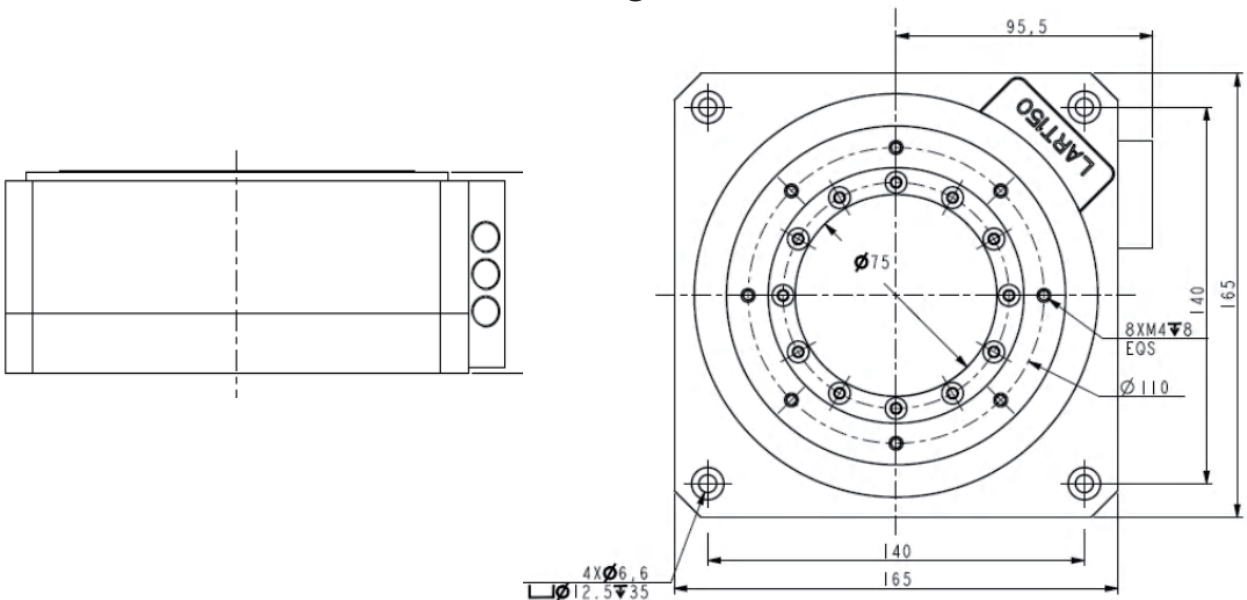
### Main Feature

- High load & High precision
- High repeatability & accuracy
- High-level processing technology
- Flexible customization

### Performance introduction

The LART150 precision air bearing stage is mainly aimed to the semiconductor equipment and laser fields. the exquisite design ensures a large hollow within a very small height. The high-precision accuracy provides ultra-smooth motion, arc seconds level of accuracy and absolute repeatability. Superb manufacturing levels ensure the quality and stability.

### Mechanical Dimensional Drawing



## Specifications

		LART150
Tabletop Diameter		150mm
Height		65mm
Aperture		75mm
Max Speed		800 rpm
Peak Torque		8 N.m
Continuous Torque		2.6 N.m
Accuracy		±1.5arc sec
Repeatability		±1 arc sec
Max Load	Axial	80kg
	Radial	30 kg
Axial Error Motion (Synchronous)		<100nm
Radial Error Motion (Synchronous)		<200nm
Tilt Error Motion (Synchronous)		<2.5urad
Operating Pressure		0.5Mpa
Air Consumption		<25L/min
Total Mass		5 kg
Adapted Driver		DC 48V

\* Testing Speed 60rpm Testing Standards GB/T17421.7-2016 (ISO230-7-2006) and GB/T17421.22000, Testing Humidity 22°±0.5°C