

**Headquarters**

PETER LEHMANN AG  
Bäraustrasse 43  
CH-3552 Bärau  
Phone +41 (0)34 409 66 66  
sales@plehmann.com  
www.lehmann-rotary-tables.com

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## Swiss Rotary Table For Metrology and positioning tasks



2025

EA-Q08

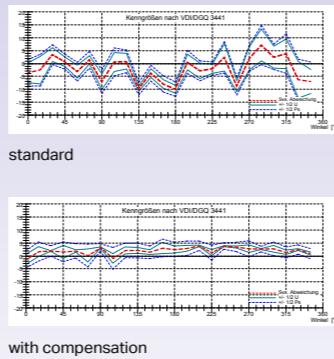
04.2025 | EN

### The «DLL» Rotary table for easy & precise positioning

- Fully controlled by your existing metrology software
- Time savings through measurement in one clamping
- Machine space can be used to the max. by rotating the workpiece
- Perfect for existing and new systems, automation ready
- Process optimization to produce good parts

## pL LEHMANN-Rotary Table EA-Q08.L

- Proven components from the production
- Optional: positioning compensation
- Multi-function holder for a variety of workpiece clamping systems
- Multi-axis configurable up to 6 axis
- For CMM and other devices



Ready for existing and new measuring instruments



## The pL LEHMANN «DLL» Rotary Table



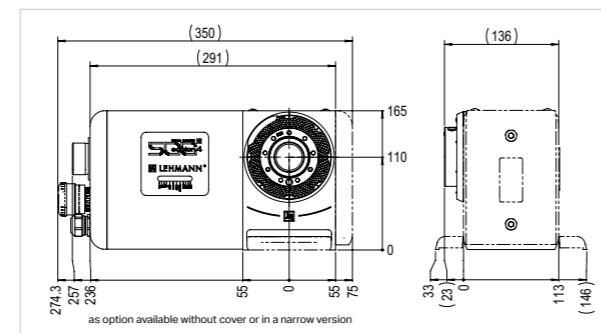
### Field of Application

- Coordinate measuring systems
- Surface/contour measuring systems
- Any other positioning tasks
- Ready to use with your machine PC



### pL LEHMANN Standard package

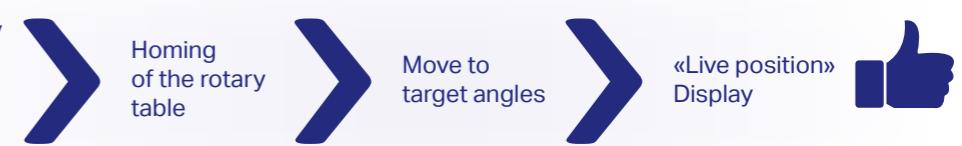
- Rotary table with stepper motor
- 3 jaw chuck manually
- Quick-API
  - Home
  - Move
  - «Live position» Display



Ready to use within seconds



Controlled by Quick-API commands



EA-Q08			
Dimensions	Swivel ø	mm	160
	Center height	mm	110
	Total weight	kg	25 (12 light version)
	Center bore	mm	31
Bearing / Clamping	Max. spindle load <sup>3)</sup> with tailstock <sup>4)</sup>	kg	120 (40 light version)
	Max. tilting moment <sup>5)</sup> without tailstock	kg	60 (20 light version)
	Max. tilting moment	Nm	8 (5 light version)
Gear unit	Positioning accuracy	± arc sec	1200 (400 light version)
	Repeat accuracy Ps average	± arc sec	20 (compensated 5)
	Max speed	rpm	2
Precision	Radial run-out <sup>2)</sup> on spindle ø	µm	16
	Axial run-out <sup>2)</sup> at spindle end face	µm	6 (opt: 3..2)
	Parallelism <sup>2)</sup> Dividing axis to base	µm/100mm	5 (opt: 2)

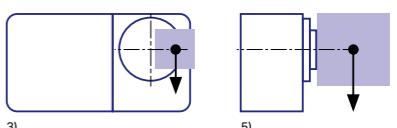
<sup>1)</sup> Mutually dependent; drive data for stepper motor NANOTEC ST6018L3008-B

<sup>2)</sup> For measurement method and validity of values, see main catalogue metrology

<sup>3)</sup> Self lock 9Nm (limited eccentric load)

<sup>4)</sup> Tailstock on request (without QuickMover only)

<sup>5)</sup> If the tilting moment is greater than 8 Nm (light: 5 Nm) due to the spindle load, the rotary table must be screwed tight. Guideline: max. workpiece 100x100x100 made of steel on BFU.507-125ps light. Other workpieces or weights – on request



Easy to operate, stand-alone or automated  
Ready to produce good parts