

Product



- ✓ Compact gantry axis with spindle drive

Features

Unique Features:

- ✓ Fully integrated into the modular assembly system
- ✓ Based on the ELM modules of the modular assembly automation
- ✓ Profile rail guide
- ✓ Compact design
- ✓ Combineable from the standard program with pneumatic linear modules and/or linear motors
- ✓ Driven via a purchased/foreign motor. Standard: BoschRexroth MSM, on request other drives, too.
- ✓ Telescopic drive of the slide. Therefore low space requirement

Market and Competition

Main competitors

- ✓ Afag
- ✓ Festo

Advantages towards the competition:

- ✓ Integrated into the modular system for modular assembly automation. Can be combined with various pneumatic linear modules by default, and with electric axes from the HSB system.

Economy/Customer Benefit

- ✓ The motor is always fixed, just the slide is moving. Lower moving mass (compared with conventional spindle axes, e.g. HSB)
 - Smaller drives can be used.
- ✓ No T-nuts are used, but threads and centering bores for fastening. Therefore easy assembly and adjustment of the axis or of the gripper.
 - Time saving

Questions about the product? Your Contact Person of the Product Management Automation is J. Khoury (+49 - 7133 - 103 - 2667)

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Technical Data/Functions

Basic technical Data:

- Sizes: 23 & 37
- Strokes: max. 260 mm
- Repeat accuracy: +/- 0,01 mm
- Max. speed: 1 m/s
- Max. acceleration: 25 m/s²
- Max. feed force: 200 N

Complementary products:

- ✓ LM
- ✓ KLM
- ✓ CLM
- ✓ ELM
- ✓ HSB Beta
- ✓ HSB Dela

Industries and Applications

The ELS particularly convinces in the following industries

- **Assembly and Handling**
- **Electrical industry**
- **Automotive industry**

Applications

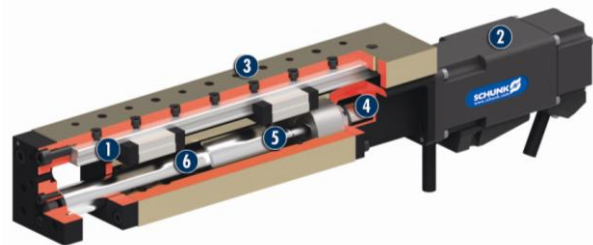
- ✓ Ideally for applications, where the linear module should leave the working area again.
- ✓ Ideally suitable as Z-axis for short strokes

Additional Information

The product rounds off the product portfolio

Cross Section

1. Profile rail guide
2. Motor
3. Hole pattern of the modular system
4. Motor flange
5. Spindle drive
6. Cover tube



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