

Product



Unique Selling Points

- ✓ **Part of one of the most comprehensive modular systems for automated assembly on the market**
- ✓ Precision junction roller guide (pre-loaded)
- ✓ High rigidity due to closed slide plate
- ✓ Guide protected by wipers
- ✓ Can be used as slide or stroke module
- ✓ All parts, such as damper and sensors, are inside the projection surfaces
- ✓ Unsurpassed variability due to options for combining modules from the SCHUNK modular system
- ✓ Several intermediate positions possible and the level control is easy to integrate

Technical Data / Functions

Sizes

25 .. 300

Weight

0.44 kg - 15.81 kg

Driving force

50 N - 753 N

Stroke

25 mm - 450 mm

Repeat accuracy

+/- 0.005 mm to +/- 0.01 mm

Cost Effectiveness/ Customer Benefits

- ✓ Closed slide design thus higher stiffness thus faster cycle times possible.
- ✓ Shock absorbers and proximity switches integrated in the projection surfaces, which means less interfering contour.
- ✓ Compact design permits slim system design.
- ✓ Pre-loaded junction roller guide ensures longlasting, robust functionality.
- ✓ High basic load ratings permit the smallest model sizes to be used
- ✓ Several intermediate positions possible, which permits flexible system design.
- ✓ Standardized fixing bore, permits simple assembly from the modular system.

Price from 501 euros to 2,671 euros

Questions about the product? Your contact person is Jakob Khoury (+49 - 7133 - 103 - 2667)



Market and competitors

Main competitor Afag

In the case of Afag, the modular system must be compared, because that is the major customer benefit:

- ✓ Similar price category, quality, and robustness
- ✓ SCHUNK offers considerably more diversity
- ✓ Another difference is the support of the technical design by software tools
- ✓ Integration of the most common grippers of the assembly automation from the SCHUNK gripping modules into the modular system
- ✓ Wider portfolio via integration of the System HSB and linear direct drives MLD

Main competitor Festo

- ✓ SCHUNK permits significantly sturdier designs
- ✓ SCHUNK stands for more rigid units and therefore faster cycles
- ✓ SCHUNK is more precise. It is possible to move into intermediate positions with great precision and low cycle times

Line of Argument

Storytelling

- ✓ The medical engineering company B. Braun Melsungen has automated a large part of its production facilities in Malaysia with the SCHUNK modular system. It produces urine bags and syringes in this way. His decision was based on the precision and high lifetime of the LM units and the modularity of the system.
- ✓ A manufacturer of non-contact light switches has fitted his assembly line with the modular system. His decision was based on the robustness of the components (higher cycle times) and the accuracy of the modules.
- ✓ AUTECH, a manufacturer of special machines, uses the modular system to reduce the planning and design time required for special machines.
- ✓ The assembly specialist Ohrmann uses this products to position bulk products in his line quickly and precisely.

Industries and Applications

For use in clean environments, such as assembly and testing systems. Optimal standard solution for high-precision applications.

Industries

- ✓ Assembly and Handling
- ✓ Pharmaceuticals
- ✓ Consumer goods

Applications

- ✓ Assembly of plug connectors
- ✓ Fully-automated assembly of syringes
- ✓ Assembly of Lamy writing implements

Overview of modular system



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