

Product



No. 1 Position

Precise Stroke Module

Features

Features:

- ✓ Compact design – easy assembly
- ✓ Rigid design
- ✓ Short cycle times
- ✓ High guidance accuracy
- ✓ Due to the use of cross roller guides an enlarged guiding length is achieved, and thus a higher torsional stiffness
- ✓ Available as of Oct./2010
- ✓ Price CLM and plate

Market and Competitors

Main Competitors

- ✓ Product shall be an alternative for the PHE, since it will be discontinued.

Economy/Customer Benefits

- ✓ Lower cycle times due to rigid design
- ✓ Pre-clamped cross roller guides – therefore a higher guiding accuracy is achieved
- ✓ Various strokes per size are resulting in 13 various standard variants
- ✓ Retracted and extended stroke can be adjusted by up to 25 mm each, and ensure a higher flexibility
- ✓ Hydraulic end position damping for high cycle times
- ✓ Rod lock due to clamping cartridge for process reliability in case of emergency stops

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

Technical Data

- ✓ Sizes: 25, 50, 100, 200
- ✓ Stroke: 0 .. 150 mm continuously adjustable
- ✓ Feed force: max. 482 N
- ✓ Repeat accuracy: 0,01 mm
- ✓ Torsional moment: max. 81,7 Nm

Function

Slide extends telescopically

Complementary Products:

- ✓ Valves
- ✓ SCHUNK grippers which are integrated in the GEMOTEC system
- ✓ GEMOTEC System (Gripper, rotary module, gripping rotary module)

Additional Information

- ✓ Consists of a CLM module with an additional bottom plate **(Do not communicate it like this)**
- ✓ Product will replace the PHE unit.

Industries and Applications

The HLM particularly convinces in the following industries

- ✓ Electronic assembly
- ✓ Assembly and handling technology
- ✓ Leisure time goods/household goods
- ✓ Medical technology

Applications

- ✓ Shifting/re-arranging components (in combination with rotary modules)

Cross Section

1. Cross roller guide
2. Drive
3. Hole pattern of the modular system
4. Damper adjustment
5. Module fastening



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