

Product



No. 1 Position

Part of the GEMOTEC modular system

Product Features

Unique Selling Points:

- ✓ Part of the GEMOTEC modular system

Further product features:

- ✓ Double-seated guiding shafts in the ball bushings
- ✓ Repeat accuracies of less than 0.015 mm
- ✓ Shock absorbers and proximity switches are integrated into the projected areas
- ✓ Several intermediate positions are possible
- ✓ A clamping cartridge avoids descent movements.

- ✓ Available as of July 2010

- ✓ Price 930,- € to 1085,- €

Market and Competitors

Key Competitor

- ✓ Kiener: KLE

Advantages towards competitors:

- ✓ More than 250 standard combinations are feasible
- ✓ Up to two intermediate positions are possible

Cost Effectiveness/ Customer Benefits

- ✓ Full compatibility with the modular system, therefore fast available, complete systems
- ✓ Double-seated guiding shafts in the ball bushings for high payload mountings and repeat accuracies of less 0.015 mm
- ✓ Shock absorbers and proximity switches are integrated into the projection areas and assure vibration-free motions and monitoring of the end positions
- ✓ Excellently dimensioned guiding shafts for a high rigidity
- ✓ High basic load ratings in all payload directions
- ✓ For maximum application flexibility
- ✓ A clamping cartridge avoids decent movements and assures process reliability in case of an emergency stop.

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

Technical Data/ Funktionen

Technical data:

- ✓ Size: 300
- ✓ Stroke range: 50 .. 300 mm
- ✓ Weight: 6.9 .. 12.6 kg
- ✓ Drive force: 753 N
- ✓ Repeat accuracy: 0.015 mm

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Industries and Fields of Application

The KLM particularly convinces in the following industries

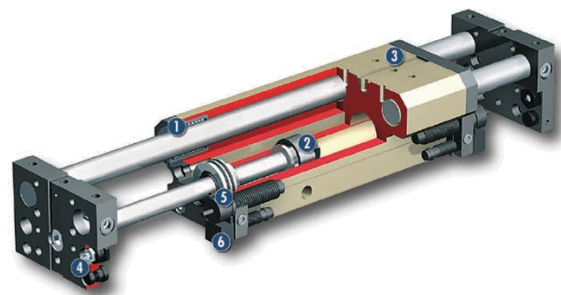
- ✓ Metal cutting
- ✓ Drive technology
- ✓ Medical technology
- ✓ Metal goods

Applications

- ✓ Loading and unloading of machine tools
- ✓ Automated manufacturing of turbine blades
- ✓ Facilities for automated manufacturing of urine bags
- ✓ Facilities for automated manufacturing of door knobs

Additional Information

Cross Section



1. Ball bushing guide
2. Drive
3. Modular design hole pattern
4. Dampening adjustment
5. End position adjustment
6. Sensor systems

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