

# Rexroth Mini Slides MSC Series: Powerful movement, precise guidance

Impressive performance with compact construction



# Rexroth Mini Slides MSC Series: Great innovation in minimum space.

Maximum rigidity for high torque and load-bearing capacity that requires very little space but offers top functionality. Compared to standard mini slides, the new MSC series mini slides are extremely small, yet offer the same technical performance. Intelligent solutions, such as air connections on three sides, provide a great deal of installation flexibility. Variable stroke adjustment makes it possible to achieve multiple stroke lengths from each individual unit.

## Optimized guide and stroke cushioning system

The new mini slide is driven by two double-acting pneumatic pistons. There are two basic cushioning options available:

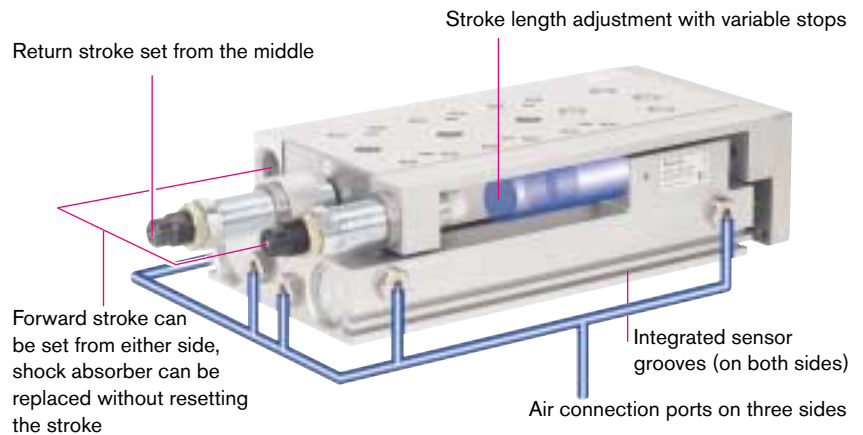
- Elastic cushioning via rubber stops
- Hydraulic cushioning via a shock absorber which simultaneously improves positioning precision and load-bearing capacity.

## Wide range of standard products

5 piston diameters (sizes) from 8-25 mm with standard stroke lengths from 10 to 200 mm and a recommended load-bearing capacity of up to 6 kg.



A large number of mounting holes ensure flexibility



The heart of the MSC mini slide is a wide guide rail with an integrated precision ball bearing guide



The slides can be mounted in combination without adapter plates onto the larger of the MSC units. This can be done for multi-axis pick & place systems, for example.

## Our MSC series mini slides are especially suitable for applications in the:

- Packaging industry
- Electrical industry
- Assembly automation

The MSC series can be combined extremely well with other Rexroth handling components.

Bosch Rexroth AG  
Bartweg 13  
D-30453 Hannover  
Tel. +49 (0) 5 11-21 36-0  
Fax +49 (0) 5 11-21 36-269  
[www.boschrexroth.de/brp](http://www.boschrexroth.de/brp)

Printed in Germany  
885-890-474-3 EN/2003-04