

# Mini Slide DGSC

**FESTO**



## Extremely slim!

### Highlights

- Smallest guided slide unit on the market
- Simple selection, mounting and commissioning
- High precision
- Wide range of applications
- Low-cost and durable

The smallest of its kind in the world! The mini slide DGSC is characterised by its extremely slim design. Only 8 mm wide, but still a slide with a ball bearing cage guide. Ideal for all applications with short strokes, where space is tight.

### Powerful

- Precision ball bearing cage guide for accurate linearity/parallelism
- Enables safe, precise, high-quality processes
- For high component density, and space in the application

### Economical

- Quick and easy assembly and commissioning
- Low procurement costs, low price
- Long service life thanks to housing made from high-alloy steel

### Simple applications

- Easy mounting of devices
- Threaded and centring options available (suction, pusher/plunger, slide and separation tasks)
- Simple mounting and commissioning via 2 mounting and 2 tubing variants
- Easy to use thanks to the elimination of any stroke adjustment tasks: 2 mm stroke compensation via spring
- Direct mounting of a suction cup possible

# Mini slide DGSC

## Areas of applications

Chip back-end processing:

- Picking and placing chips

Small parts assembly (electronics):

- Linear, guided movements for changing fixtures/contacting
- Centring/clamping products during product intake/carrying
- Keypad contacting
- Picking and placing electronic components
- Labelling applications

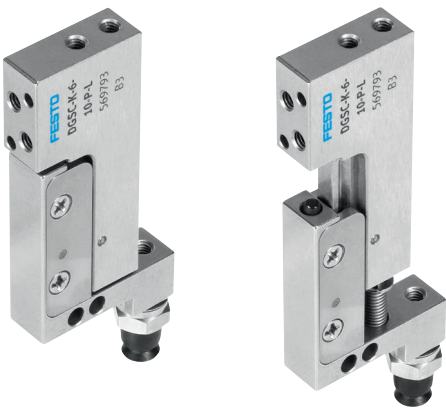
Small parts assembly (non-electronic):

- Separating components
- Pick and place

## Technical data

DGSC-K-6-10-P-L/DGSC-6-10-P-P		
Size		6
Width	[mm]	8
Stroke	[mm]	10
Stroke compensation	[mm]	2.5
Max. effective load 1)	[g]	30
Operating pressure	[bar]	1 ... 6
Repetition accuracy	[mm]	± 0.1
Linearity	[mm]	< 0.01
Max. operating frequency	[Hz]	4
Min. travel time, extending	[ms]	19
Min. travel time, retracting	[ms]	16.5
Cushioning		Elastic cushioning rings/ pads at both ends
Feed force at 6 bar	[N]	15
Max. spring tension [N]		2

### DGSC-6-10-P-L with suction cup



### DGSC-6-10-P-P with suction cup

