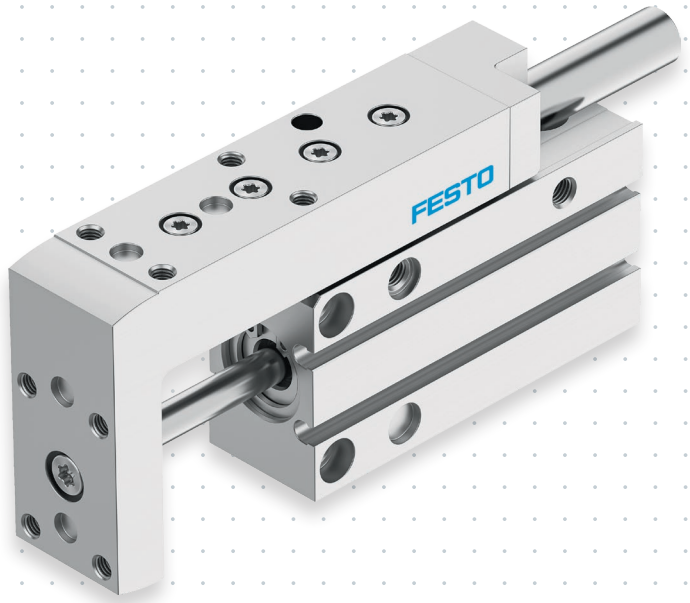
Mini slide DGSS



Highlights

- Very compact
- Precise recirculating ball bearing guide with high load carrying capacity
- Very rigid design for high lateral forces
- Extremely well-priced
- Optional stroke adjustment
- Integratable cushioning components

The extremely slim mini slide DGSS impresses with its precision and great rigidity, which enables it to absorb high forces. It is the only compact mini slide that offers stroke adjustment and has integratable cushioning elements. All at a favourable price.

Rigidity and precision in the narrowest of spaces
It's not just the optional stroke adjustment and external cushioning that set the DGSS apart. This latest addition to the mini slide range has a wear-free and backlash-free connection between the piston rod and the yoke, and the very resilient recirculating ball bearings provide high precision and reliability. Centring devices ensure that workpieces are fitted in the correct position.

Suitable for many applications
Whether for precise pushing, picking up, inserting or positioning, the DGSS handles guided motions of small or larger payloads – e.g. during press-fitting or clamping operations – and absorbs high lateral forces without any trouble. It is therefore also ideal for pick-and-place or dispensing applications. Even in the standard version, the DGSS is free of copper, zinc and nickel and therefore perfectly suited for use in battery production.

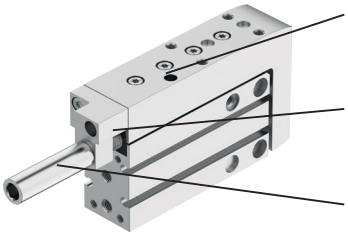
Very economical
The DGSS is not only available at a very reasonable price, it is also easy to use. The end positions are quick and easy to adjust during commissioning, making machine set-up very efficient. High permissible payloads and travel speeds reduce cycle times, and thus increase your productivity.

Additional information:

Product page
> www.festo.com/catalogue/dgss

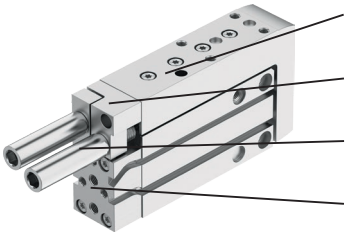
External cushioning with stroke adjustment

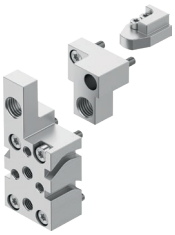
DADP-SP-G9...-F



Retainer for the cushioning component

DADP-SP-G9...-R





Retainer and connecting plate for 2 cushioning elements

Description and technical data

	DADP-SP-G9...-F	DADP-SP-G9...-R
Function	• Realising the cushioning for the advancing movement • Adjusting the stroke for the advancing movement	• Realising the cushioning for the advancing and retracting movement • Adjusting the stroke for the advancing and retracting movement
Scope of the stop set	• Retainer for the cushioning element: compatible with the cushioning elements for the DGST (DYSS and DYEF) • Stop: stop surface for the cushioning	• Retainer and connecting plate for cushioning elements: compatible with the cushioning elements for the DGST (DYSS and DYEF) • Stop: stop surface for the cushioning
Comments	The cushioning elements must be ordered separately	The cushioning elements must be ordered separately (two pieces to create both end positions)
Size	06, 10, 16, 20	
Stroke	5, 10, 15, 20, 25, 30, 40, 50, 60 mm	
Feed force (at 6 bar)	17 ... 188 N	
Cushioning variants	• Integrated elastic cushioning without stroke adjustment • External cushioning with stroke adjustment – Elastic cushioning – Hydraulic shock absorbers – Elastic cushioning, with metal end position – Elastic cushioning, short version	
Information on materials	Variant F1A: Metals with copper, zinc or nickel as main constituent are excluded from use. Exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils.	