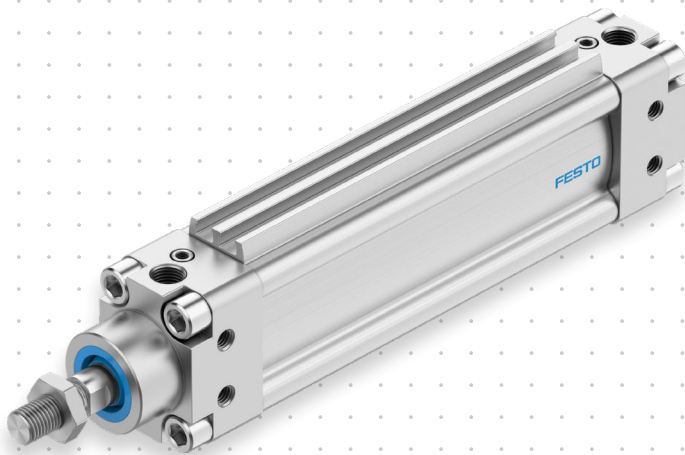




Flat cylinder DZH



Highlights

- Wide and low design
- Integrated protection against rotation
- Adjustable end-position cushioning PPV
- Mounting options at the side and at the front

The DZH flat cylinder offers precise pneumatics linear movements with minimal space requirements. Thanks to its compact design, it enables space-saving block installation with high packing density. Perfect for compact systems.

Force and precision in one

With its oval piston shape, the flat cylinder DZH combines two tasks in a single component: it not only ensures precise linear movement, but also offers integrated anti-rotation protection. The benefit: reliable protection against rotation is already built in, without requiring any additional installation effort or external components. The reliability of the DZH is impressive, even with medium to high forces and torques. It comes in different sizes and variable strokes from 1 to 1,000 mm and can thus be

used flexibly in a wide range of applications.

Efficient in every respect

The operating costs of the flat cylinder DZH are amazingly low and its sustainability is excellent. This is because its low height and reduced use of materials save resources and also enable space-saving designs. The adjustable pneumatic cushioning makes it suitable for a wide range of applications and at the same time ensures reliable and effective end-position cushioning.

Versatile flat cylinder for demanding applications

The flat cylinder DZH masters demanding tasks, from precise clamping and secure lifting to effortlessly moving heavy parts, in a wide range of industries; these include the automotive industry, packaging industry and electrical industry.



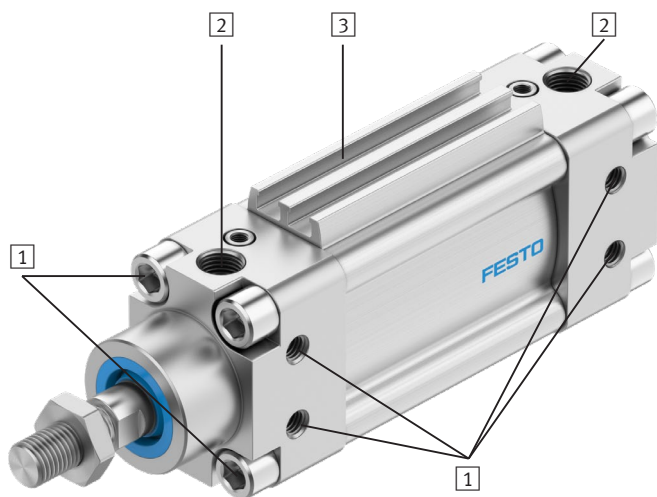
Additional information:

Product page

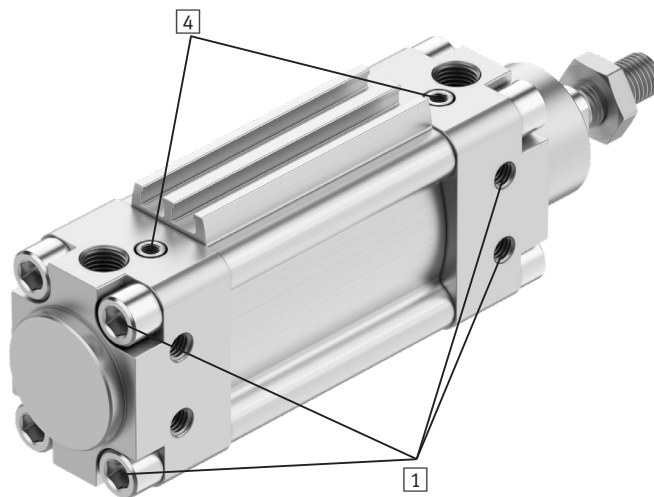
> www.festo.com/catalogue/dzh



Overview of interfaces



- 1 Mounting interface (4x rear/front, 4x left/right)
- 2 Compressed air connection
- 3 Mounting slot for proximity switch



- 4 Adjusting the adjustable pneumatic cushioning at the rear and front

Overview of variants

**S6: Heat-resistant seals up to max. 120 °C**

Variant for use at higher ambient temperatures. Temperature range: 0 ... +120 °C

**S2: Through piston rod**

The piston rod can be used for connection at both ends of the cylinder. Identical forces for the forward and return stroke.

**S20: Through, hollow piston rod**

The piston rod can be used for connection at both ends of the cylinder. Identical forces for the forward and return stroke. It is also hollow on the inside, so it can be used to carry vacuum or compressed air.

Technical data

Size	16	20	25	32	40	50	63
Standard strokes [mm]	25, 40, 50, 80, 100, 125, 160, 200, 250, 320, 400, 500						
Variable stroke ¹⁾ [mm]	1 ... 200	1 ... 320	1 ... 500	1 ... 1000			
Cushioning option	PPV (adjustable pneumatic cushioning at both ends)						
Position sensing	Via proximity switch						
Temperature range [°C]	Standard: -20 ... +80			Standard: -20 ... +80 Heat-resistant seal: 0 ... +120			

1) Available in increments of 1 mm