Stopper cylinder DFST

Well-timed stopping

The new DFST with cushioning is ideal wherever objects on transfer or conveyor systems in the automotive industry, small parts assembly, the wood or electronics industry have to be stopped, separated or synchronised. The many versions effortlessly handle heavy and sensitive workpieces, pallets, etc. – and at a reasonable price.

Sophisticated technology
The adjustable shock absorber allows you to commission the DFST effortlessly and intuitively – and the settings can be easily transferred to additional stoppers! There is no lower limit in the load range: all loads from 0 kg to the maximum load can be stopped.

Reliable and durable in operation
Easy commissioning is followed by extremely reliable operation and the robust DFST can also absorb very strong impacts. In addition, it seamlessly replaces other stopper cylinders so you can shop more easily from a single source.

Automatically released: the lever deactivating mechanism
When the cylinder is operated, the lever deactivating mechanism is automatically unlocked. This is convenient as it ensures maximum process safety when commissioning the machine.

Highlights
- Extremely reliable
- Easy and intuitive commissioning
- Extremely sturdy
- Steel or plastic rollers depending on requirements
- Process-safe: automatic release of the lever deactivating mechanism
- Sensing the toggle lever position
- Attractively priced
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The DFST at a glance

Optional polymer or steel rollers

Lever deactivating mechanism for letting the workpieces pass by manually pushing down the toggle lever. New: automatic unlocking of the throughput position (BG 50/63/80) *

Wiper seals to protect the rod seals in harsh environments

Direct and indirect air supply

Thread for sensor SiEN—... for sensing the toggle lever position

Easily adjustable shock absorber thanks to marked adjustment aid. The shock absorber is easy to replace.

Fixing bolts allow four specific toggle lever alignments

Reliable lever locking mechanism for rebound-free cushioning. Fixes the toggle lever in the end position after the stop operation *)

Slot for proximity sensors SMx-8 for sensing the piston position

Double-acting with spring support for the return stroke or double-acting without spring support

* Optional versions with: lever locking mechanism, lever deactivating mechanism

Benefits of polymer rollers:
- Cushioning effect on internal cylinder elements or workpiece carriers
- Fewer noise emissions

Benefits of steel rollers:
- No static electricity charge
- Robust load absorption

Configurable product

This product and all its product options can be ordered online via the configurator:

→ www.festo.com/catalogue/dfst