

Clean design standard cylinder DSBF

FESTO



Clean design

Highlights

- Corrosion resistant
- Easy to clean
- Adapted to your application

With smooth surfaces, large radii and dimensions to ISO 15552, the DSBF offers increased corrosion protection and can be used in a variety of applications. The basic design includes NSF-H1 lubrication and FDA-compliant seal material. Optional: unlubricated seal with self-adjusting cushioning PPS.

Durable and sturdy

Thanks to the high-quality surface finish, conventional cleaning agents won't affect the cylinder surface. Depending on the requirements, different sealing types can be selected. With a dry-running seal for example, the cylinder will continue to function reliably even if the lubricant has been washed away due to frequent cleaning.

Clever cushioning

The DSBF can easily deal with changing loads and speeds. The self-adjusting cushioning PPS

saves time during installation, and makes your production process more flexible. In addition, PPS requires no dirt-prone adjusting screw, so sources of infection are avoided, and cleaning can be done faster.

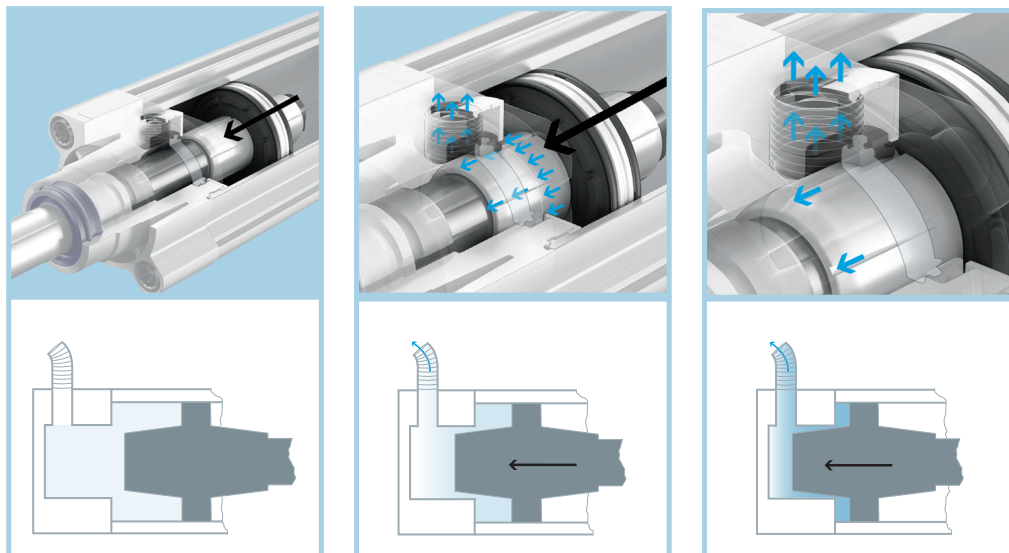
Reliable sensor solution

Proximity sensors SMT-C1 and CRSMT-8M are ideal for harsh environmental conditions, as are the mounting components that are suitable for the clean design drive DSBF.

Clean design standards-based cylinder DSBF

Self-adjusting end-position cushioning system PPS

Clever: self-adjusting pneumatic cushioning. Longitudinal slots allow the air to escape, permitting dynamic and gentle movement into the end position, even under changing loads. In addition, PPS requires no dirt-prone adjusting screw.



Technical data	
Piston diameter [mm]	32, 40, 50, 63, 80, 100, 125
Stroke [mm]	10 ... 2,800
Cushioning	PPS Pneumatic cushioning, self-adjusting at both ends PPV Pneumatic cushioning, adjustable at both ends P Elastic cushioning rings/plates at both ends
Temperature range	Standard T1 max. 120 °C T3 -40 ... 9+ 80 °C T4 0 ... + 150 °C
Wiper seal variants	A3 For unlubricated operation A2 Hard scraper A1 Increased chemical resistance

Also with matching accessories

- Piston rod attachment for rod eye CRS GS
- Spherical swivel flange CRS NC S
- Proximity sensor CRS MT-8M and SMT-C1
- Tubing/fitting combination PUN-H with NPQH

