

Standard cylinder DSBC to ISO 15552

FESTO



Clever cushioning!

Highlights

- Which kind of cushioning do you use? PPS or PPV? PPS-Check will help you decide.



Clever cushioning – save time on adjustment: The new standard cylinder DSBC with the self-adjusting pneumatic end-position cushioning adapts optimally to changes in loads and speed. You save time and increase flexibility, and your process reliability grows. Its many variants, adaptation to ambient conditions and individual design allow it to be used flexibly. DSBx: economic, convenient and reliable.

Simple selection – quick to use

Ready for anything: the DSBx series is the successor to the proven DNC and DNCB series. With its ISO 15552-compliant dimensions, DSBx can easily be used to replace the preceding series – with a far simpler product selection process. Our quick selection tool helps you configure your requirements simply

online. And our platform strategy guarantees quick and reliable delivery times.

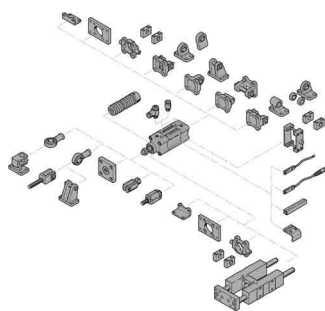
Superior technology, long service life

The self-adjusting pneumatic cushioning PPS and the patented piston rod make DSBC a technically superior cylinder – with extremely low wear.

Standard cylinder DSBC to ISO 15552

Flexible:

The modular system at a glance:
A uniquely wide range compared with the market: numerous properties and combinations of properties



DSBC-PPS in use: DSBC is always correctly adjusted, even in synchronous running or when it is hard to access.

Technical data

Sizes 32 ... 125
Stroke lengths: 25 ... 500 mm
X strokes 1 ... 2800 mm
Integrated magnet for position sensing

PPS cushioning

The innovative self-adjusting pneumatic cushioning PPS for DSBCx saves installation time and makes your production process more flexible. With the ideal cushioning setting at all times, it minimises wear.

PPV cushioning

For demanding applications, the well-known powerful pneumatic adjustable cushioning PPV is available – as used in DNC. You can actively adjust this cushioning.

Powerful 3K piston

Compared with DNC, it can absorb an approx. 5 times higher cushioning energy in the end position. That protects your machines and saves you money!

Long service life

The sealed A3 dry run version ensures lubricant-free operation – when the lubrication fails.

Reliability

Proven components for high volumes



P	Flexible cushioning
PPV	Adjustable pneumatic cushioning
PPS	New: self-adjusting pneumatic cushioning
A	for proximity sensors
T	Through piston rod
T1/T4	Heat-resistant seals 120/150 °C
T3	Low temperature to -40 °C
U	Slow speed
L	Low friction
...L	Extended piston rod thread
F	Female piston rod thread
...E	Extended piston rod
C	With clamping unit
E...	With end-position locking
Q	Square piston rod
R3	High corrosion protection
A2	Dust protection using wiper seals
A3	Suitable for unlubricated operation
EX4	Explosion-proof
P2	New: Bellows
D3	New: Profile with 3 slotted sides

Festo AG & Co. KG

Postfach
73726 Esslingen
Rüter Straße 82
73734 Esslingen
Tel. +49 (0)711 347 0
Fax +49 (0)711 347 26 28
E-mail: info_de@festo.com
www.festo.com