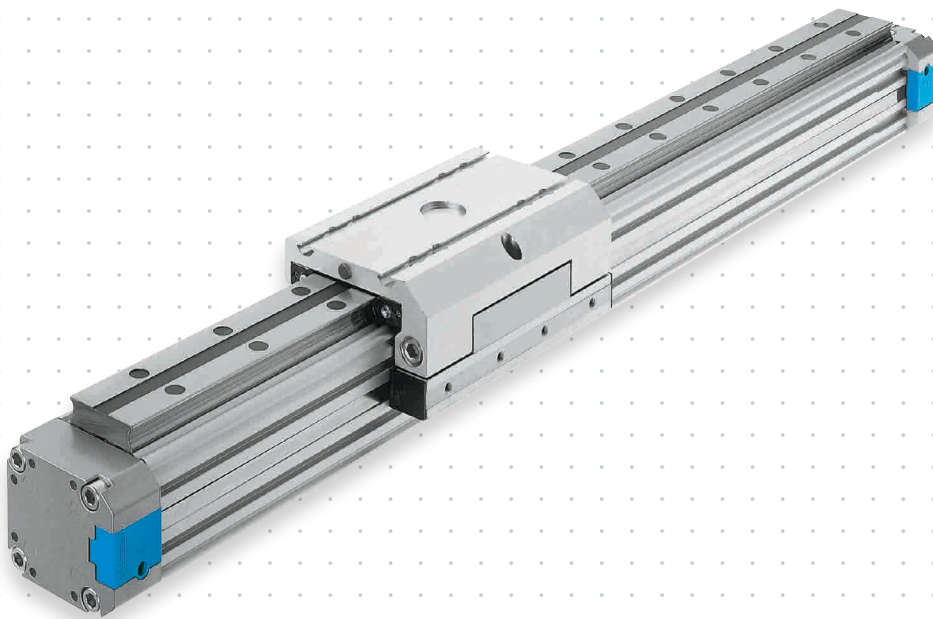




Rodless drive units DGPL



Highlights

- Space optimised
- High dynamic response
- Convincing precision
- Sizes from 18 ... 63 mm

Low space requirement, high dynamic response and high torque resistance – with high rigidity:
The pneumatic drive units DGPL.

For improved guidance
Variants with recirculating ball-bearing guide for maximum precision and load capacity.

For more gaining space
Through an optimized stroke to overall length ratio and integrated proximity sensor SM...-8.

For more process reliability
Long service life and low leakage.

For lower costs
High reliability through favourable acquisition costs, simple installation and commissioning.

For more flexibility
With 6 sizes from 18 to 63 mm and innumerable variants like dirt-protected design, clamping unit or heavy duty guide, the broadest range in the market. Inclusive of variable air connections, mounting and assembling options. The rodless drive units DGC-8 and DGC-12 are available for space saving applications.



Additional information:

Product page

> www.festo.com/catalogue/dgpl



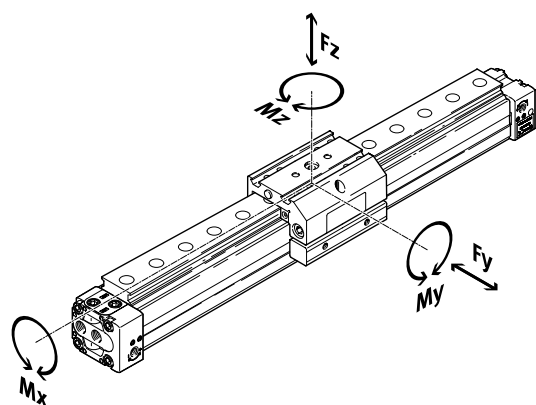
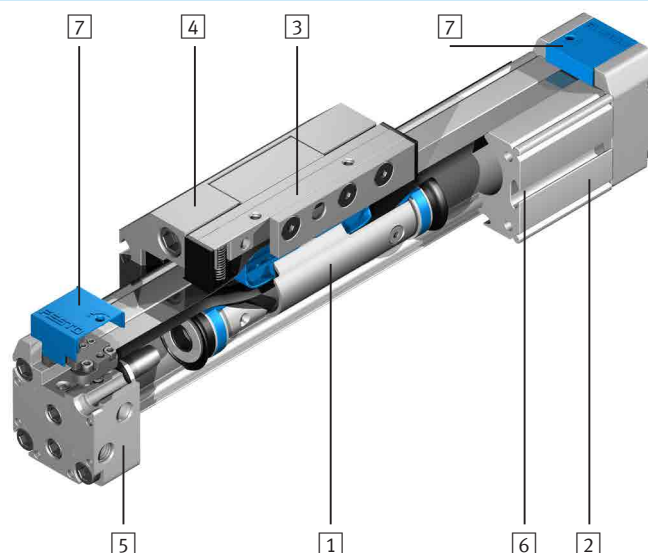
Description

Variants

- Air connection on both sides
- Clamping unit front, below and rear
- Lengthened slide/piston
- Protected design

Overview

- 1 Double acting piston drive
- 2 Profile barrel
- 3 Driver
- 4 Slide unit
- 5 Multiple supply ports
- 6 Sensors that can be built in
- 7 Adjustable end-position cushioning



Help in selection and ordering

ProDrive

www.festo.com/en/engineering

Technical data

Size		18	25	32	40	50	63
Stroke	[mm]	10 ... 1800	10 ... 3000	10 ... 3000	10 ... 3000	10 ... 3000	10 ... 3000
Applied loads	F _{y max.} [N]	930	3080	3080	730	730	14050
	F _{z max.} [N]	930	3080	3080	730	730	14050
Lateral torques	M _{x max.} [Nm]	7	45	63	170	240	580
Longitudinal torques	M _{y max.} [Nm]	23	85	127	330	460	910
Torques	M _{z max.} [Nm]	23	85	127	330	460	910