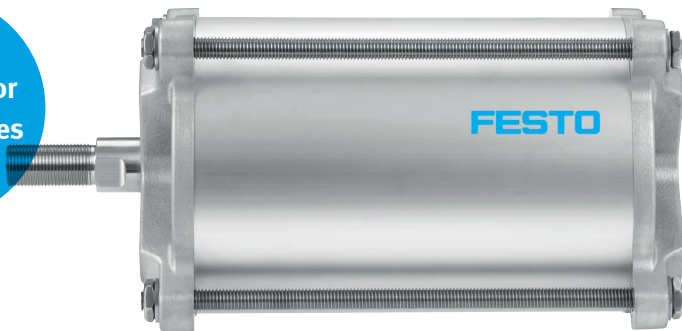


Linear actuator DFPC

FESTO

Optimised for
process valves



Sturdy and durable!

Highlights

- Sturdy design
- Proven Festo technology
- Standard versions
- Numerous configuration options
- Interfaces for process valve to ISO 5210 and ISO 15552 with extended tie rods
- Piston rod/thread can be adjusted
- Optionally with ATEX II 2GD

Preconfigured from stock or individually configured? The new, double-acting linear actuator DFPC can be both. It has been specially designed for actuating process valves such as gate valves or knife-gate valves, pinch valves or valve bodies without housing. Perfect, for example, for the requirements in water and wastewater treatment, the mining industry, power stations as well as the paper, pulp and steel industries.

Very sturdy and corrosion-resistant

The piston rods, screws, nuts and tie rods are made of stainless steel, while the cylinder barrels and end caps are made of aluminium. This ensures that the actuators have a long service life. The end-position cushioning on both sides enables high travel speeds.

Predefined or individually configured? Both!

Do you need cost-effective and predefined standard versions that can be delivered quickly

from stock? Or would you prefer comprehensive and individual configuration options for stroke, length of the spacer bolts at the bearing cap and piston rods of differing lengths, thread types and diameters as well as ATEX certification? The choice is yours.

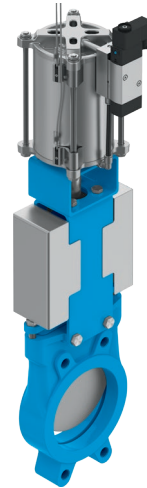
Proximity switches, mountings for position sensing and Namur adapter plate are available as accessories. The DFPC is available with strokes of up to 1600 mm and in the sizes 80 to 320.

Linear actuator DFPC

The new actuator standard for the process industry.

The DFPC covers the vast majority of the requirements in the process industry. This cost-effective actuator is quickly available, whether as a standard version or as an individually configurable version, and is suitable for a wide range of tasks in the process industry.

Technical data		
Mode of operation		Double acting
Design		Sturdy tie rod design
Piston diameter [mm]		80, 100, 125, 160, 200, 250, 320
Stroke [mm]		X-stroke 10 ... 1600
Mounting interface	Standard	ISO 5210
	DFPC-...-LB2	ISO 15552 (with extended tie rods)
Solenoid valve connection		VDI/VDE 3845 (NAMUR) with adapter plate
Cushioning		Elastic cushioning rings at both ends
Position sensing		Via proximity switch or displacement encoder
Operating pressure [bar]		0,6 ... 8
Temperature range [°C]		-20 ... +80
ATEX category	Standard	–
	DFPC-...-EX4	II 2G Ex h IIC T4 Gb II 2D Ex h IIIC T120 °C Db
Material		- Piston rod, screws, nuts, tie rods: high-alloy stainless steel - Cylinder barrel: anodised wrought aluminium alloy - End caps: die-cast aluminium - Piston rod wiper seal: TPE-U (PU)



Position sensing



Mounting kit:
For DFPC 80/100: SMBZ-8-32/100
For DFPC 125: DASP-F10-125-A
For DFPC 160: DASP-F10-160-A
For DFPC 200: DASP-M4-160-A
For DFPC 250/300: DASP-M4-250-A



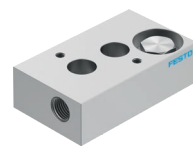
Proximity sensors for T-slot:
SMT-8M-A-...
CRSMT-8M-...
SDBT-MS-...-EX6

Displacement encoder



Displacement encoder:
MLO-POT

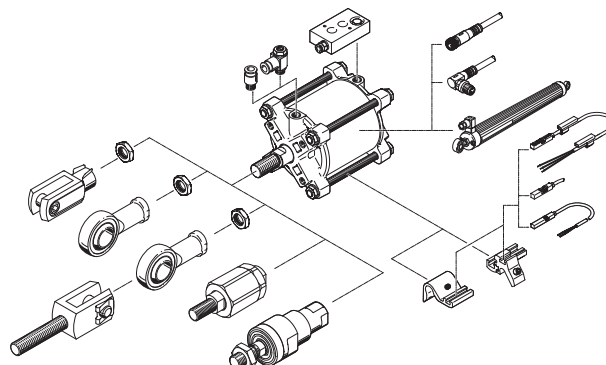
VDI/VDE 3845 Namur interface



Namur adapter plate:
DADG-FM-VDE1G18
For DFPC 80-125: DADG-FM-VDE1G18
For DFPC 160-320: DADG-FM-VDE1G14

Other accessories

- Piston rod attachments
 - Rod eye SGS
 - Rod clevis SGA
 - Rod clevis SG
 - Self-aligning rod coupler FK
- Piston rod attachments, corrosion-resistant
 - Rod eye CRSGS
 - Rod clevis CRSG
 - Self-aligning rod coupler CRFK



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