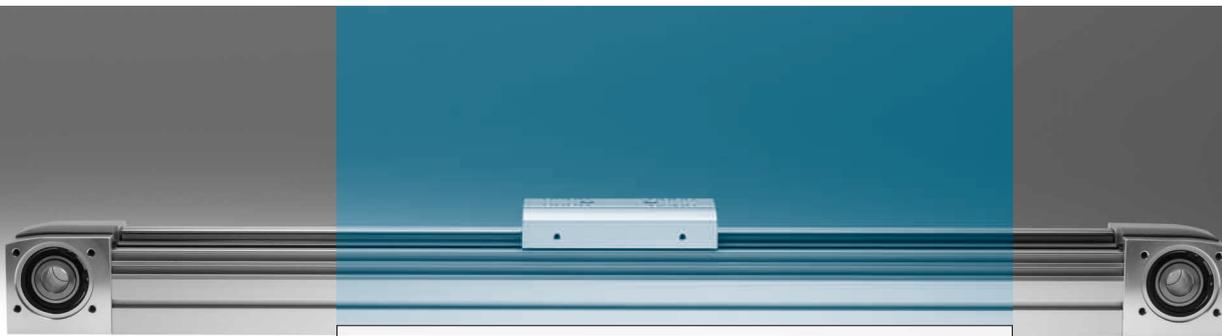


# Toothed belt and spindle axes EGC

FESTO



## Strong performer!

The comprehensive electrical axis range EGC is available in numerous variants. The many advantages include: high dynamic response and speed, newly defined rigidity and high force resistance. Furthermore the new mechatronic modular axis range can be implemented as an individual system solution as well as a complete system solution.

### Versatile

The EGC range is available as tooth belt and spindle axes. Different spindle pitches, numerous sizes and variants with protected guides open up a broad range of applications.

### Strong performer

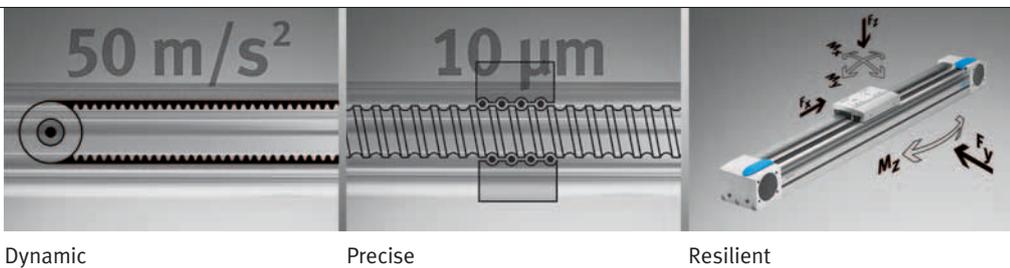
Generously sized profiles with an optimised cross section afford the drives maximum rigidity and load capacity. Speed, acceleration and torque resistance set a new standard.

### Efficient

In addition to the technical data, the EGC is a winner with its excellent price-performance ratio. Due to the EGC's high performance it is possible, particularly with spindle axes, to use a smaller size.

### Quicker planning

The integration of the EGC in the Festo multi-axis and modular positioning system offers standardized interfaces for other drives and motor packages. Design using the positioning drives software additionally simplifies configuration and eliminates costly oversizing.



Dynamic

Precise

Resilient

132.1.PSI →

Product Short Information

# Toothed belt and spindle axes EGC

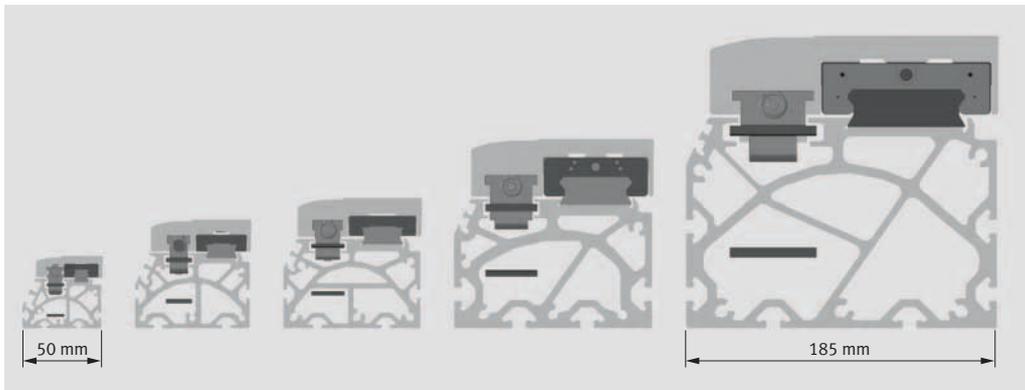
## Toothed belt and spindle axes EGC: the latest design for

- High speeds and feed forces
- Maximum rigidity
- High loads and torques
- Minimum distance between load and guide centre
- Choice of motor assembly

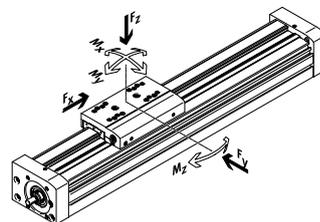
## Toothed belt axis EGC-TB: Freely definable motor position



## EGC: a broad range for the most varied load conditions



Technical data	EGC-...-BS-KF with spindle drive	EGC-...-TB-KF with toothed belt drive
Sizes	70, 80, 120, 185	50, 70, 80, 120, 185
Strokes [mm]	50 ... 3.000	Max. 10.000
Max. speed [m/s]	2	5
Max. acceleration [m/s <sup>2</sup> ]	15	50
Max. feed force [N]	3.000	2.500
Torques M <sub>x</sub> [Nm]	529	
Torques M <sub>y</sub> /M <sub>z</sub> [Nm]	1.820	



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