

HIWIN®

ELECTRIC ACTUATORS

POWERFUL PRECISE **ELECTRIC**

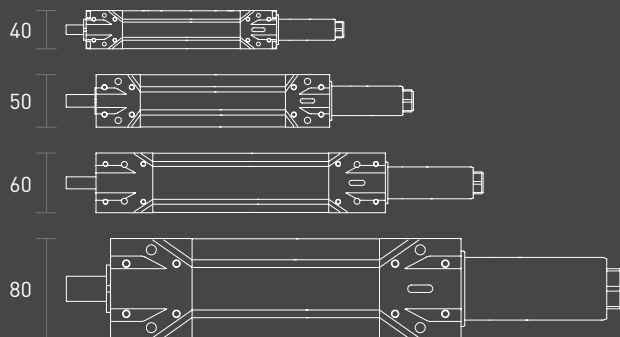
NEW
GENERATION



DEVELOPED AND MANUFACTURED IN OFFENBURG

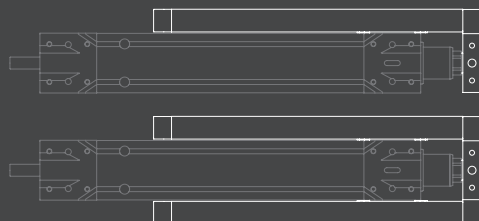
Maximum flexibility, powerful, electric – the energy-efficient and cost-effective solution to pneumatic and hydraulic drives. Our electric actuators are characterised above all by their specially developed high-performance ballscrew and retrofittable guiding unit. Low-maintenance and with a duty cycle of 100 %, this electric actuator is particularly well suited for precise positioning tasks in industrial applications.

Available sizes (mm*):



* with a stroke that can be freely selected in millimetre increments
(up to a maximum length of 1.5 m)

Available guiding units:



Up to two guiding units can be mounted. The arrangement can be freely selected depending on the forces acting.

Accessory:

A selection of accessories is available to customise the electric actuators to your specific application requirements.

They can also be combined to form a system (cylinder or linear axis system). Please contact us for more information!

WHAT MAKES OUR **ELECTRIC ACTUATORS** UNIQUE

High-Performance ballscrew



Highly resilient and low-wear ballscrew

The peeled material and other adjustments enable high force absorption, high accuracy, fast movements and optimum running behaviour.

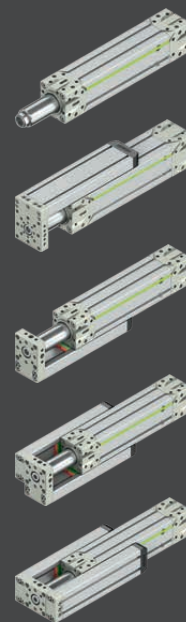
Flexibility through modularity

Optional guiding unit

The optional guiding unit can be easily mounted on the base cylinder or retrofitted. It increases system stability and reduces the load on the drive.

Wide range of screw mounting, centring and combination options

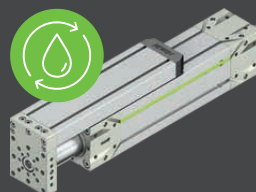
The lightweight and robust aluminium profile ensures easy and flexible fastening and connection thanks to the versatile end/drive blocks and the nuts in the profile. A motor connection can be made inline or parallel.



Lifetime lubrication

Designed for maintenance-free operation

The electric actuators are delivered with lifetime lubrication, eliminating the need for regular relubrication. This minimises maintenance effort and increases operational reliability.



THE INDUSTRIAL-GRADE ALL-ROUNDER

The compact design and space-saving dimensions allow use even under demanding conditions. Our compact electric actuator is used especially for precise positioning tasks in industrial applications, primarily in the following areas:



Mounting



Handling



Packaging



Transport

IMPORTANT INFORMATION AT A GLANCE:



Dimensions

EA040: 40×40 mm
EA050: 50×50 mm
EA060: 60×60 mm
EA080: 80×80 mm



Max. stroke

800 mm
1,000 mm
1,200 mm
1,500 mm



Max. feed force

2,800 N
3,500 N
3,900 N
11,800 N



Max. speed

1.3 m/s
1.5 m/s
1.5 m/s
1.6 m/s



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