

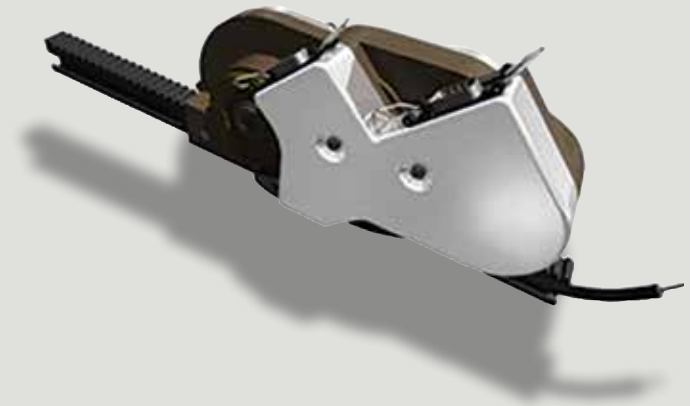
# RoboDrive-based Actuators



Ideal for avionics applications

## Highly-efficient actuators based on motors with RoboDrive technology

- High power density, and therefore, low weight
- High mechanical stability and high durability
- Minimum installation space and low power loss
- Energy-optimized position lock
- Low noise emission
- EMC-friendly design



In some areas of application such as aerospace, the actuators are intended to achieve as much dynamic force as possible and to withstand high static forces with a low weight and small installation space.

Due to the optimum calibration of the individual components like the motor, gear unit, control electronics and casing, as well as the integration of a special position lock, we have been able to develop highly-efficient yet light actuators. For example the biggest actuator can cope with dynamic forces of over 5,000N at movement speeds of over 10 mm/s. The electrical output is far below 100 W with a weight of only approximately 1,000g.

### Application example:

An actuator for adjusting business class seats in airplanes.

