

# RoboDrive



Designed to drive precision robotic and medical applications

## Benefits

- Freedom of design
- Variable solutions for different drive tasks
- Small overall length, flat drive: e.g. for exoskeletons
- Hollow shaft e.g. for optical passage, cable, media, shafts, material, welding wire
- Light weight construction: weight reduction for aviation, mobile devices
- Accurate positioning and very constant velocity: e.g. for robotic, optic or analytic applications, surface processing
- Thermally safe overload, high peak acceleration, short cycle time
- Free from wear / long life time
- Quiet

## Applications

### ■ Robotics

- Lightweight robot (LBR)
- Robot axes
- Gripper and clamp systems

### ■ Medical

- Actuated instruments
- Guided optics
- Mobile surgical devices
- Intensive care

### ■ Aviation

- Seat actuator
- Door / Latch
- Bleed Air
- Unmanned aerial vehicles

### ■ Optics

- Camera (aperture control)
- Gimbal operation
- Cableway propulsion
- Laser (beam treatment)

### ■ Mechanical engineering

- Alternative for hydraulics / pneumatics

