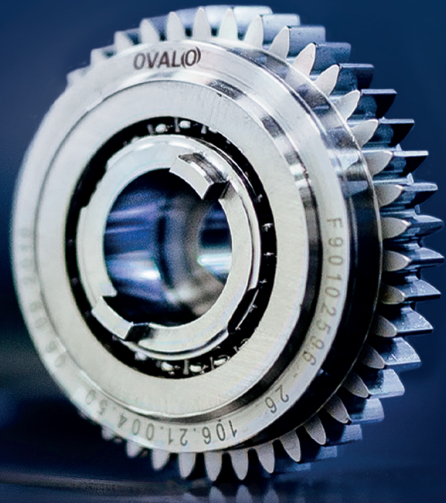


You are looking for Complete Systems?

Our innovative precision portfolio, extensive experience and wide-ranging customizing capabilities allow us to cover a large application spectrum and to implement custom drive solutions.

- ✓ Backlash-free drives
- ✓ High torque capacity
- ✓ Compact design
- ✓ Customized solutions



Get in touch
with us



OVALO GmbH
Anna-Ohl-Straße 2
65555 Limburg/Lahn
Germany

Phone: +49 6431 2855-0
E-Mail: sales@ovalo.de

www.ovalo.de

EN V01_0923

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SMART Actuator
Complete Drive Systems



OVALO – Leaders in Innovation

Learn more →



Customized Drive Technology:

Our actuators are **complete systems** typically consisting of a gear set, bearing, housing and electric motor. Actuators are always implemented as a **custom solution**.

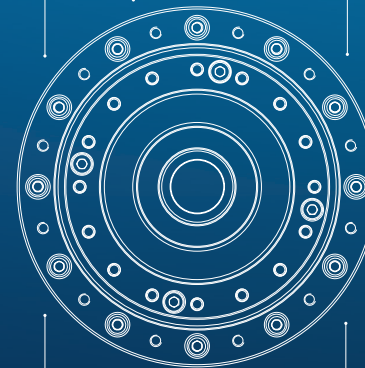


- ✓ Custom design, development and production
- ✓ Application-specific components, modules and complete systems
- ✓ Customized drive concepts for highest requirements
- ✓ Integrated solutions
- ✓ Software and control unit development
- ✓ Interface output customizable

Output Interface
Customizable solution

Reduction ratio
30 – 160 *¹

Gear Sizes
35 – 91 [mm] *²



Hollow shaft
Feedthrough of cables and wires

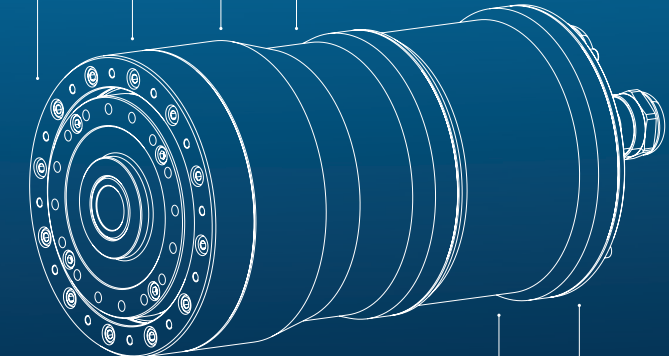
Output bearing CRB
Integrated solutions for high rigidity

Position sensor drive
Excellent positioning

Torque sensor
Enables safety features

Integrated ECU
Compact and reliable solution

Communication
EtherCAT®




Power supply
Different voltages possible


Lock
Safety feature


*¹ available ratios: 30, 50, 80, 100, 120, 160

*² available sizes: 35, 43, 51, 63, 81, 91

Typical Areas of Application:

 **MOBILITY**
Precise Actuators for Transportation

 **INDUSTRY**
Precision Drives for Industrial Applications

 **ROBOTICS**
High-precision Strain Wave Gears for Robots and Cobots