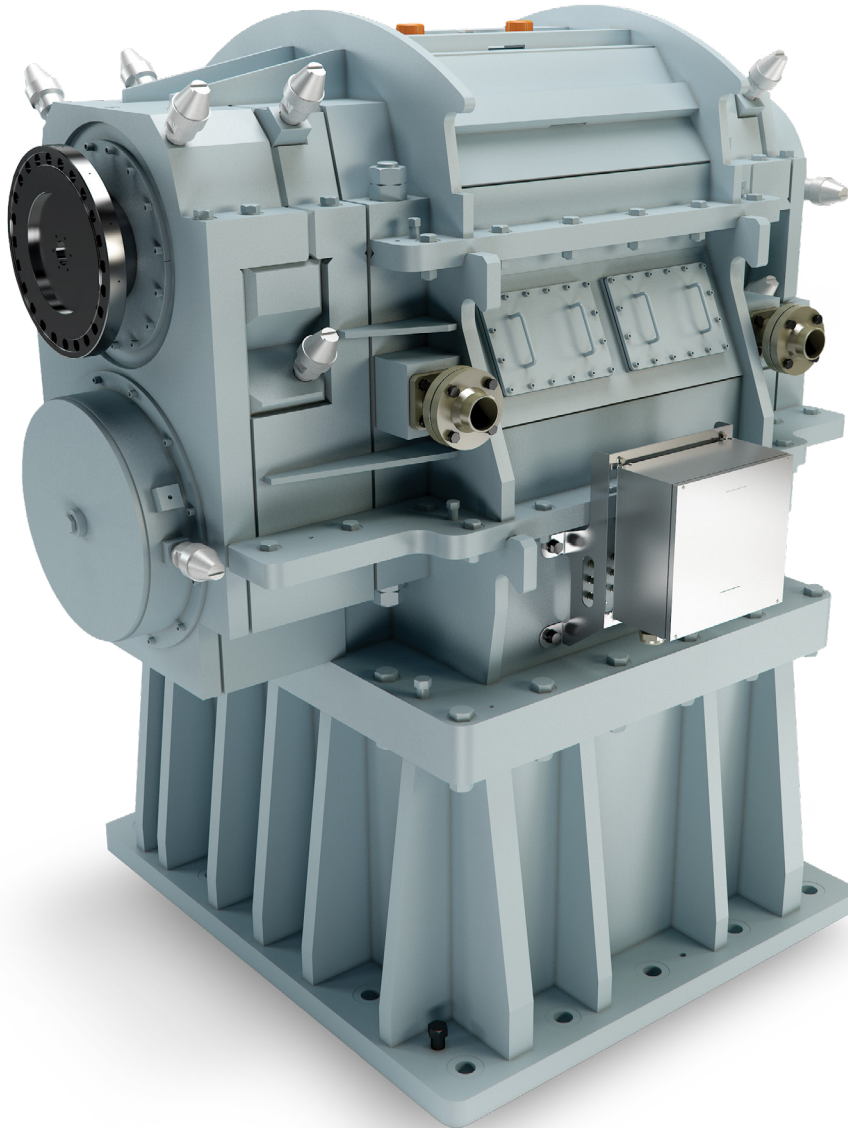


High Speed Gearboxes

WIKOV.COM

ENGINEERED DRIVE SOLUTIONS
FOR TURBO APPLICATIONS



01

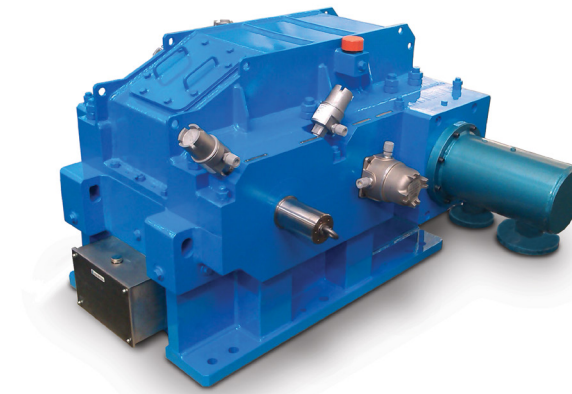
APPLICATIONS

- Drives of gas turbines
- Drives of steam turbines
- Turbo blower drives
- Turbo compressor drives
- Pump Drives
- Fire-fighting pump drives
- Generator drives
- Boiler feed pumps
- Integrally geared compressors

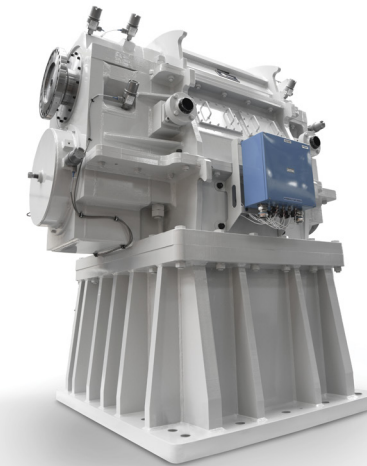
02

GEARBOXES

- RS double helical large face width
- RU double helical narrow face width
- PRn planetary
- PP planetary
- R1T single helical with one pinion
- R2T single helical with two pinions
- Customized solutions
- Spare parts



RSB 400 boiler feed pump gearbox



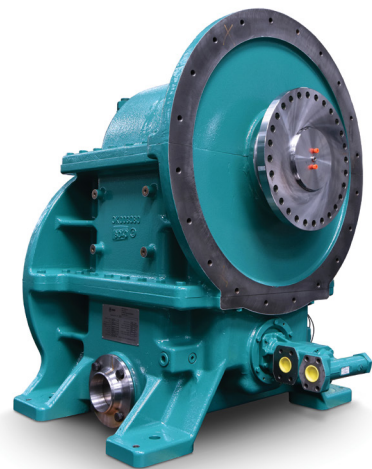
RSB gas turbine load gearbox

WIKOV - THE ESSENCE OF ENGINEERING

- Gear manufacturing tradition since 1918
- Tailored solutions
- Rapid prototyping
- Manufacture to the latest international standards such as ISO, DIN, AGMA, API and others
- Cutting edge gear inspection
- Aftermarket services worldwide
- WiGuard® - remote condition monitoring system

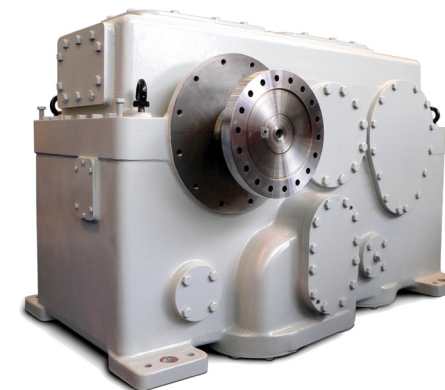
PRODUCT FEATURES

- Bearings of own design or standard supply
- Maximum output torque $M2 \leq 300 \text{ kNm}$
- Speeds up to 45,000 rpm
- Maximum pitch velocity of 190 m/s
- Power up to 60 MW

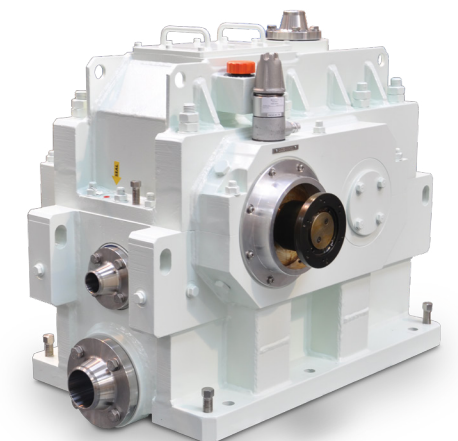


ABN 380 high-speed gearbox for genset

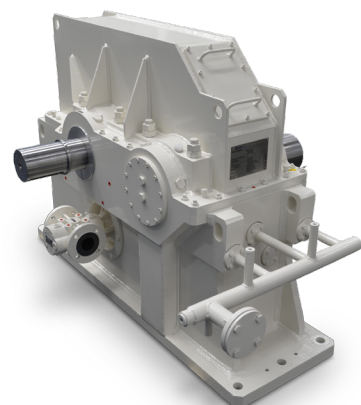
Drive solutions
for high-speed
applications
across industries



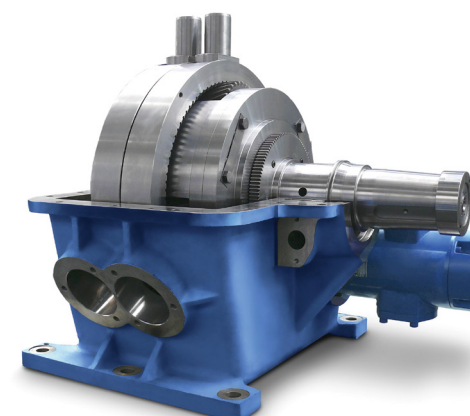
High-speed gearbox for auxiliary drive of GE9E turbine



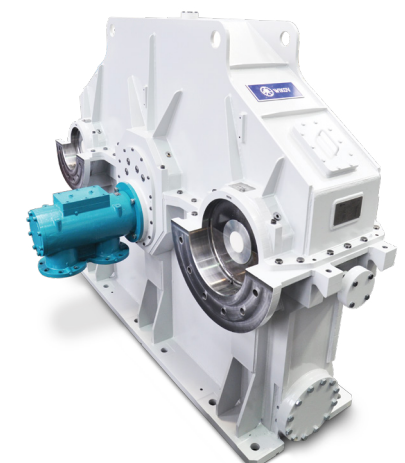
RUB 280 high-speed gearbox for compressor



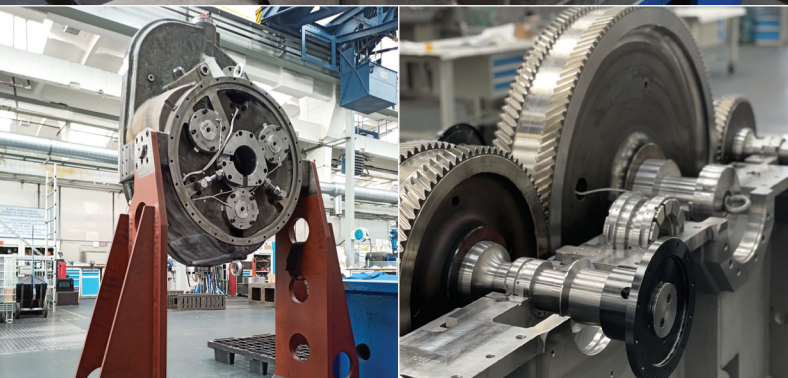
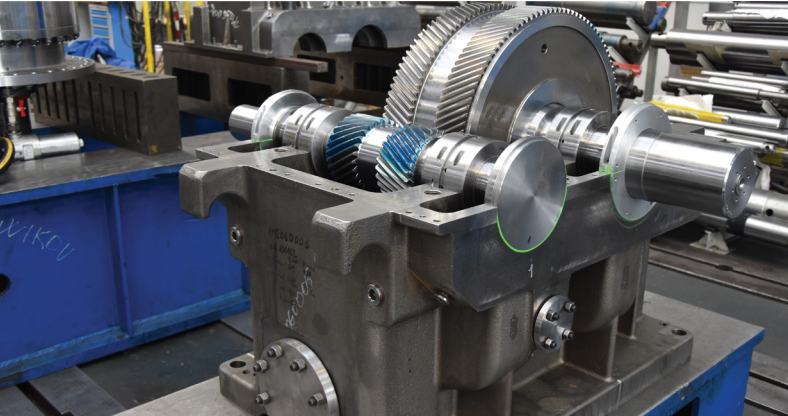
R1T 450 gearbox for vacuum turbo blower application



PRn 630 planetary high-speed gear unit for compression facility



R2T gear unit for centrifugal integrally geared compressor



Wikov Gear s. r. o.
Tylova 1/57
316 00 Pilsen
Czech Republic
T: +420 377 177 110
F: +420 377 177 119
E: gear@wikov.com
www.wikov.com

Wikov Manufacturing Facility

Wikov designs, manufactures, supplies and services broad range of high-speed gearboxes for pumps, compressors, gas and steam turbines for most industrial and power applications. We offer customized individual solutions which meet your needs entirely and bring you an innovative, efficient and reliable product. Our success is based on experience we gained over our nearly 140-year history international team of R&D specialists and state of the art machine tools. These main pillars lead to identifying the best solution for you with maximizing functional and economical parameters of your application.



The Essence of Engineering

