# **MADE IN RKB**

#### IN-HOUSE OPERATIONS

#### **Technical Team Unit**

- Application analysis and evaluation
- Product concept
- Product and project development
- Bearing selection
- Calculations and simulations
- Engineering and design
- Optimization
- Fine-tuning
- Co-engineering
- Mounting and after-sales service

#### R&D

- Materials
- Treatments
- Designs and executions
- Precision
- Contacts and profiles
- Test rigs (benchmark, endurance test, validation)
- Investments exceeding Euro 2 million per year

# **Overhaulings**

- Matching/pairing
- Clearance reworking and adjustment
- Regreasing
- Reassembly in new configuration

# Multilevel Quality Controls

- Telesina Special Quality Unit (TSQU)
- Steel inspection and approval of lots
- In-process inspections and controls
- Chemical laboratories
- Metrological laboratories
- Tests and measurements

# Input

- Capital and finance
- Guidelines
- Instructions
- Specifications

Reliability first!

#### Steel

 Raw material purchasing global contract

#### **Protocols and Procedures**

- Internal
- External
- Digital traceability system

## **Production Technology**

- Masterplan
- Equipment and machines valued at over Euro 40 million

## **Planning**

- Plants coordination
- Internal (methods-time measurement)
- External (consumable parts procurement)

# Machining

- European legal representatives
- European management and engineers
- Masterpieces
- Parts and spare parts for RKB production machinery
- Forming/forging
- Turning
- Heat treatments
- Grinding
- Precision fine-grinding
- Assembling
- Additional operations



