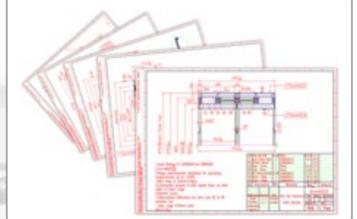
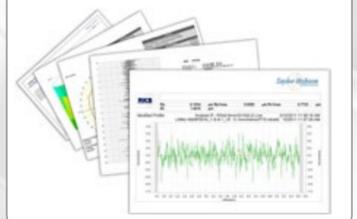


RKB TECHNICAL DOCUMENTS

<p>TECHNICAL FICHES</p> 	<p>GENERAL AND PARTS DRAWINGS</p> 	<p>GENERAL CATALOGUE</p> 
<p>TECHNICAL TABLES</p> 	<p>TRACEABILITY REPORTS</p> 	<p>CO-ENGINEERING PROJECTS</p> 
<p>QUALITY CONFORMITY DATA SHEETS</p> 	<p>INSPECTION CERTIFICATE DATA SHEETS</p> 	<p>MAIN TECHNICAL DATA SHEETS</p> 
<p>RATING LIFE CALCULATIONS</p> 	<p>LABORATORY ANALYSES</p> 	<p>TECHNICAL REPORTS</p> 

With a solid knowledge and extensive expertise in rolling bearings, **RKB** can provide you with a comprehensive engineering support for the reliability and suitability of your applications. Do not hesitate to contact our Technical Department through the worldwide network of **RKB** official partners and distributors.



RKB

BEARING INDUSTRIES

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The Alternative Power

RKB

BEARING INDUSTRIES

MARINE AND OFFSHORE

ENGINEERED IN SWITZERLAND
 TECHNOLOGICAL BEARINGS



REU-MO-YSS-A

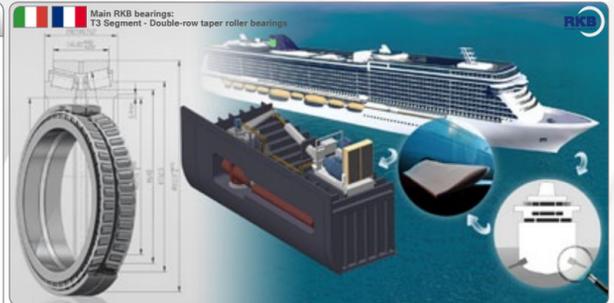
Printed in Switzerland on environmentally friendly paper.

GYROFIN STABILIZER SYSTEM

- Customized inch size double-row taper roller bearings (TDO configuration)
- Up to 670 mm inner diameter
- B_{10} life for 750000 movements



Main RKB bearings: T3 Segment - Double-row taper roller bearings

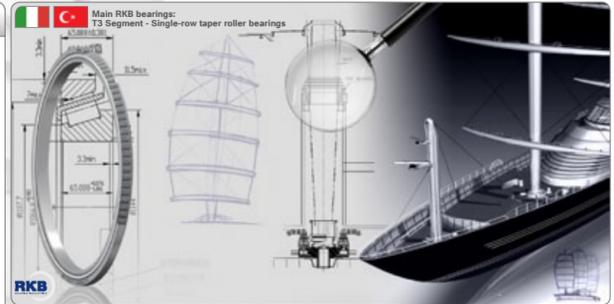


MASTS AND SPARS OF SAILING YACHTS

- Thin section big size single-row taper roller bearings (design and execution for heavy load applications)
- Up to 1067 mm inner diameter
- High rigidity of masts and spars with smooth rotation



Main RKB bearings: T3 Segment - Single-row taper roller bearings



Main RKB bearings: T3 Segment - Spherical roller bearings

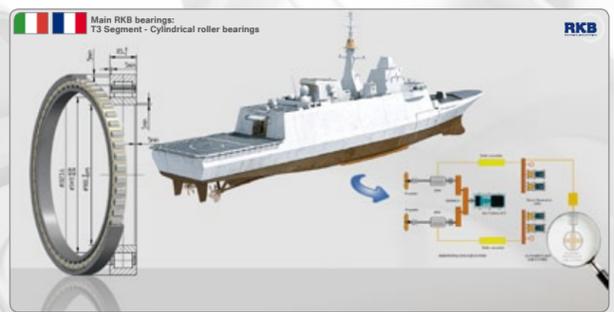


JACKING SYSTEM IN OFFSHORE PLATFORM

- Spherical roller bearings for rack and pinion system of NG and CJ series drilling rigs working in harsh environmental conditions
- Up to 240 mm inner diameter
- Design and execution to withstand heavy loads and variable speeds (0,3-1,2 m/min)
- Safety factor (S_p) as per marine specifications
- Design life (L_{10}) ≈ 10 years service



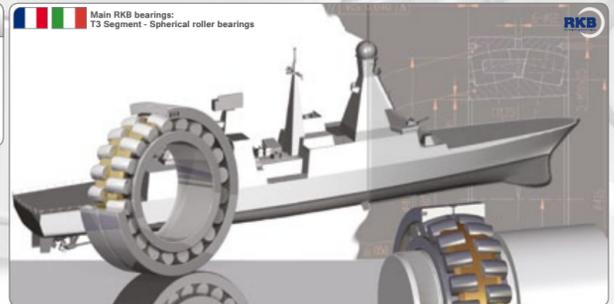
Main RKB bearings: T3 Segment - Cylindrical roller bearings



MAIN SHAFT OF NAVY FRIGATE

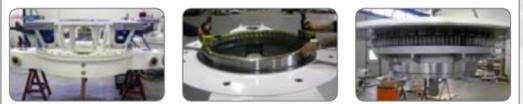
- Big size application optimized spherical roller bearings
- Up to 340 mm inner diameter
- Safety factor (S_p) according to military offshore equipment guidelines

Main RKB bearings: T3 Segment - Spherical roller bearings



AZIMUTHAL RETRACTABLE THRUSTER

- Big size cylindrical roller bearings
- Up to 1090 mm outer diameter




The Swiss Bearing Manufacturer

The RKB Bearing Industries Group is the Swiss manufacturing organization operating in the bearing industry for over 70 years, with an area of 90.000 sqm, 135 million euros of tangible assets, and a monthly production capacity exceeding 350 tons of machined steel. The experience gained over the years provides RKB with the know-how and expertise necessary for the development and production of technological valued-added bearings up to 1925 mm outer diameter, particularly for the heavy industry. Thanks to its pioneer business model, based on a vertically integrated system, RKB offers reliable cost-effective solutions, with extreme operational flexibility, leading-edge service, huge stock availability (more than 35 million euros of standard and special rolling bearings), short delivery time and the top quality typical of a consistent premium-class bearing source. With a worldwide distribution network and exports to more than 50 countries, RKB is globally recognized as "The Alternative Power" in the bearing industry.

RESEARCH AND DEVELOPMENT



ADVANCED MANUFACTURING TECHNOLOGY



MULTILEVEL QUALITY CONTROLS



PREMIUM QUALITY ROLLING BEARINGS



SPECIAL PROJECTS



SERVICE AND ASSISTANCE

