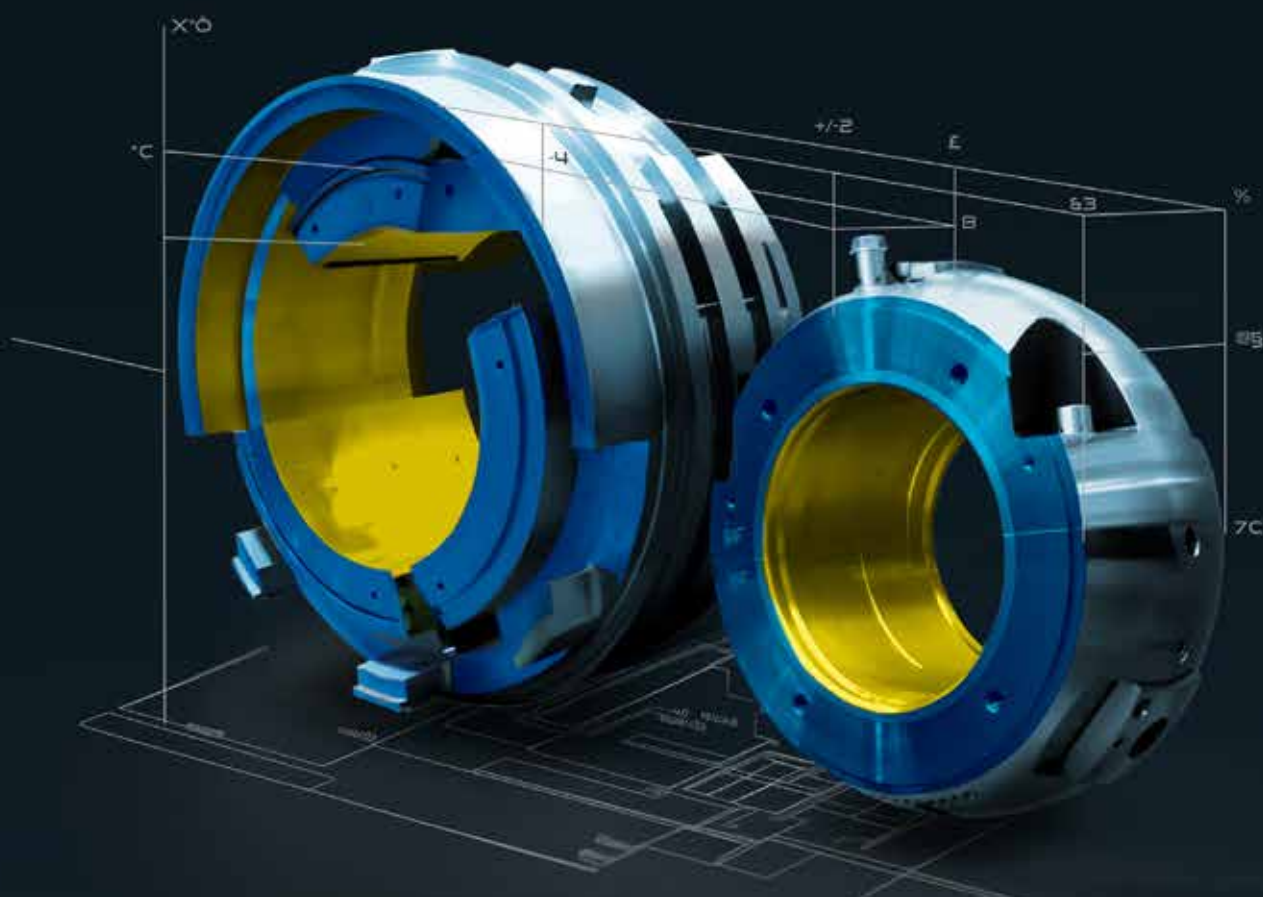
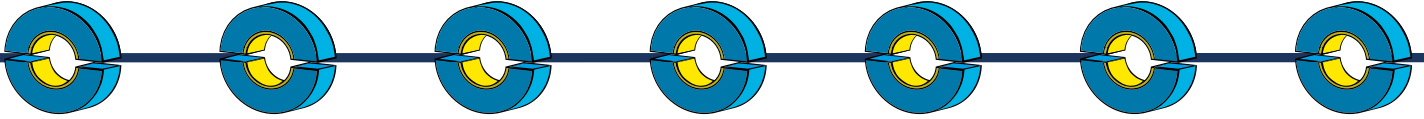


EURO BEARINGS

DRIVES THE EXCELLENCE OF DYNAMIC



HISTORY



Founded in 1996 thanks to specific manufacturing expertise, EUROBEARINGS excels in the design and manufacture of custom-made tin alloy anti-friction bearings. EUB primary application area is the power generation industry, where EUB supply bearings, sealing systems, and complete bases for turbines (steam, gas, and hydro) and turbo/hydrogenerators. EUB also extend the expertise to gearboxes, marine diesel engines and rolling mills.

Experience and Innovation

In addition to operating as a build-to-print and build-to-spec manufacturer, EUB is a reliable partner to OEMs and end users. The company has over thirty years of practical experience in the remanufacturing and rehabilitation of bearings and associated systems, particularly in the hydroelectric sector (distributors, injectors, shaft seals).

Expansion and Technology

EUB dynamic business model, focused on complete customer satisfaction, has led to expansion into mechanical processing and related services. EUB is at the forefront of innovation: EUB has developed patents for the application of advanced polymer coatings (such as PEEK and PTFE) and a laser cladding process, extended to additive manufacturing.

Global Growth and Sustainability

After consolidating presence in Europe and North America, in 2025 EUB completed the acquisition of the subsidiary EUB INDIA, a key player in the Eastern market. In 2023, EUB moved to a new facility to optimize the factory layout and improve logistics and production efficiency.

Since 2025, Integrated Management System (IMS) has been comprehensive in every aspect.

ISO 9001 (Quality), ISO 14001 (Environment), and ISO 45001 (Health and Safety) certifications demonstrate EUB commitment to creating a unique operating platform.

These values demonstrate to EUB customers and partners that operational excellence, environmental responsibility and human resources, managed synergistically, are at the heart of every decision.

MISSION & VISION

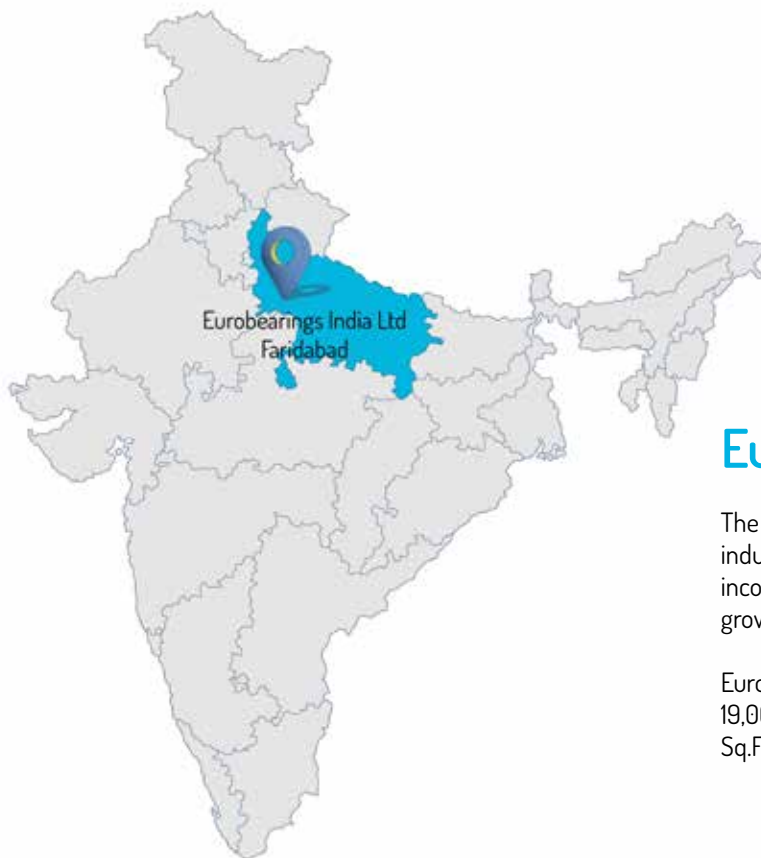


Building
increasingly performing
bearings that drive the
EXCELLENCE OF DYNAMIC
through by investing in people,
knowledge and technologies

CORPORATE STRUCTURE

Italian headquarters

Eurobearing operates in CORTEMAGGIORE (PC), 45 minutes south east of Milano, covering a total area of 10,000 sqm, where total covered area is 4,500 sqm and 40 employees.

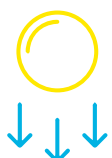


Eurobearings India

The Indian subsidiary of Eurobearings, based in the highly industrialized area of FARIDABAD, near New Delhi, has been incorporated on the 8th August 2014 with the objective to cover the growing local demand of bearings for power energy industry..

Eurobearings India stands on an area of 23,000 Sq.Ft. of which 19,000 Sq.Ft. are used for single-bay manufacturing and 2,000 Sq.Ft. for offices

EUROBEARINGS PROCESSES



GRAVITY



CENTRIFUGATION



BRAZING



LASER CLADDING

COMPLETE BEARINGS SOLUTIONS

We Specialize In Complete Bearings Solutions For

One-stop engineered sliding bearing solutions for multi-sector applications — wherever your machine operates, we're there.

- Oil and Gas
- Renewable Hydro power plants
- Nuclear power plants
- Cement Mills
- Steel rolling mills
- Marine engines
- Gear boxes
- Large Electric machines
- Pumps

ENGINEERING

During the years, Eurobearings has developed and improved its engineering ability. Eurobearing engineering department offers different activities:

- Reverse engineering: reverse engineering of "old " bearings with 3D technologies.
- Basic hydrodynamic calculation: brief calculation to estimate bearing dimensions and performance.
- Complex hydrodynamic calculation: operations such as temperature field, pressure field, film thickness and deformation of solid/dynamic coefficients to define bearings behaviour.
- Full CFD and FEM calculations
- Thrust and journal bearing design: geometrical design of sliding bearings thank to Autodesk Inventor;
- Housing and pedestal design, failure analysis and upgrading of existing bearings.
- Calculation and simulation as per DIN specifications.
- Patented innovations are referring to innovative system for anchoring PEEK material to iron substrate and thermally insulating a temperature probe, completely embedded in the polymeric layer and attaching a conductive element to it which is in direct contact with the external surface, and therefore with the oil or water.



WHY BABBITT BEARINGS ARE USED IN OIL & GAS

- **Harsh Environments:** They handle high temperatures, vibrations, and dusty atmospheres where traditional anti-friction bearings struggle.
- **Emergency Operation:** Their unique structure (hard crystals in a soft matrix) allows them to operate briefly with inadequate lubrication, preventing catastrophic failures.
- **Conformability:** They conform to the shaft's shape, ensuring uniform load distribution and reduced stress.
- **Durability & Repairability:** Babbitt metal's self-lubricating nature reduces wear, and bearings can often be rebabbitted (re-lined) rather than replaced entirely, cutting costs
- **Embeddability:** The soft Babbitt material **absorbs small debris** from the lubricant, effectively protecting the main rotating steel shaft from costly scoring and wear

Our supplied bearings are completely up to mark on all above parameters

KEY APPLICATIONS IN OIL & GAS OF OUR BEARINGS

- **Compressors:** Journal and thrust bearings in high-speed compressors often use tin-based Babbitt (Grade #2) to handle heavy loads and reduce friction.
- **Turbines (Steam & Gas):** Used in refining processes, these bearings maintain stability at high speeds, reducing vibration and wear.
- **Pumps:** Sleeve (journal) and thrust bearings, particularly in pipeline applications, use Babbitt to manage high- load, high-speed, and high-temperature environments.
- **Drilling Equipment:** Employed in specific high-wear, high-load areas, including thrust bearings
- **Pump Jacks:** Babbitt material is used for the bearings that support the "horse head" and sucker rod, assisting in lifting liquids

WHY US

Reliability in Motion

In the Oil & Gas sector, a single bearing failure can halt production and cost millions. We specialize in the precision manufacturing of tin based Babbitt bearings designed to withstand high speeds, heavy loads, and extreme thermal gradients.

Our Core Commitment:

- **Process:** We use advanced babbitting process that creates a molecular bond between the Babbitt and the shell. This ensures the lining stays put, even under the intense thermal cycling of a gas turbine.
- **Zero-Defect Policy:** Every bearing undergoes rigorous testing process.
- **Material Integrity:** We use only virgin ingots to ensure maximum fatigued life.
- **Rapid Response:** Minimized lead times for critical offshore and refinery shutdown

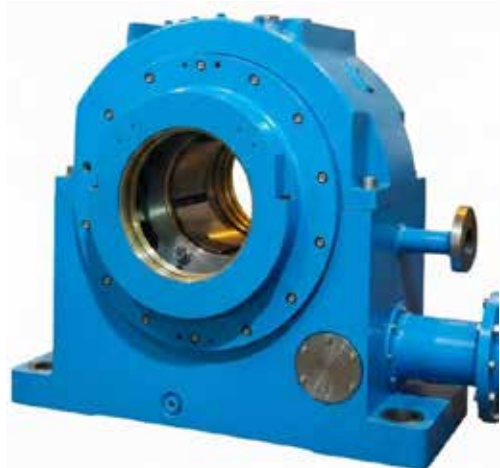
TYPES OF BEARINGS USED

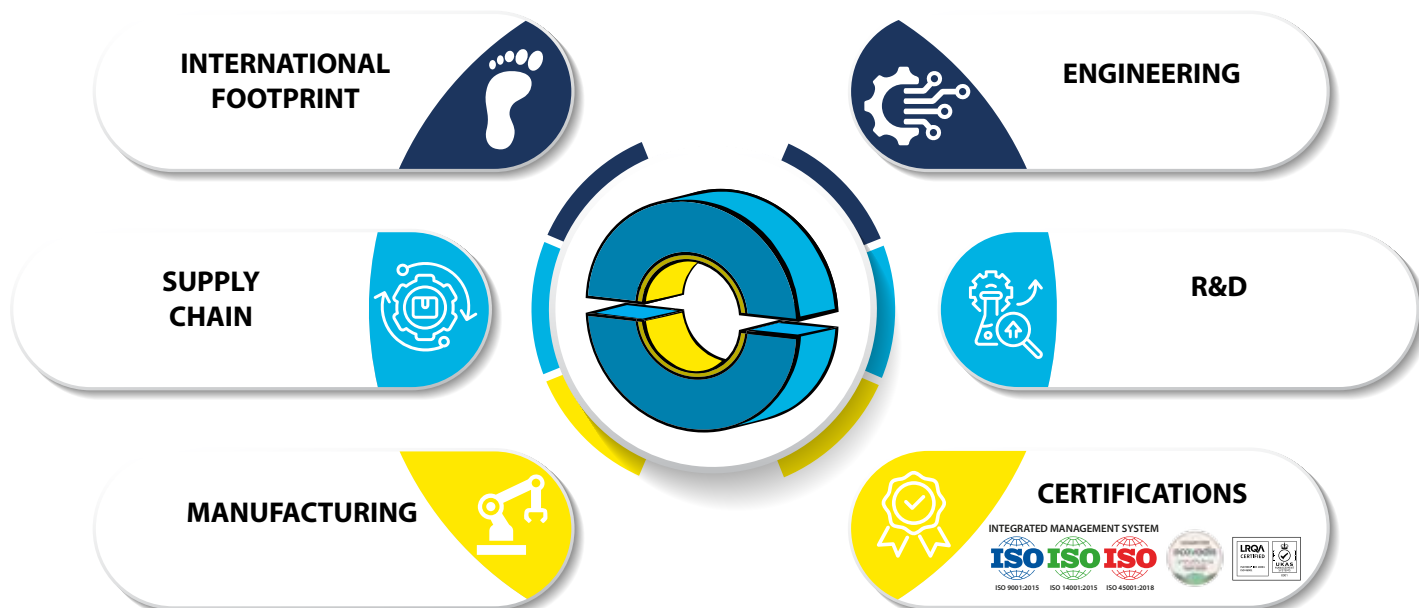
- **Tilting Pad Bearings:** Commonly used to minimize vibrations in high-speed turbomachinery.
- **Sleeve Bearings:** Used for radial loads, often in motors and pumps.
- **Thrust Bearings:** Designed for axial loads in heavy-duty, high-speed applications.
- **Journal (Radial) Bearings:** Used for radial loads, often in large motors and pumps

BEARINGS FROM OUR GALLERY

A glimpse of our in-house manufactured bearings, delivering optimum quality and precision.







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EURO
BEARINGS

