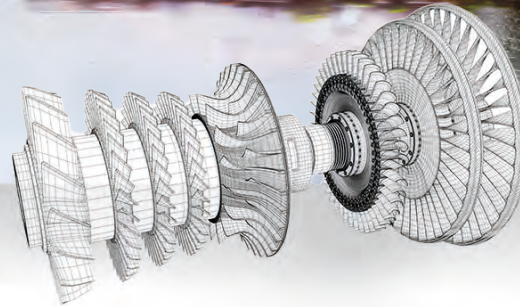


Innovation in Motion



Miba Industrial Bearings

Part of Miba Bearing Group



Miba Industrial Bearings



100 years of experience

Our brands (Orion, Sartorius Bearings, Zollern Plain Bearings, TCE and Admos) date back to the year 1918, when the bearing production first started in Germany. More than 100 years of experience make us a reliable partner.



Best Solution Source

From standard to advanced applications. Our global engineering team helps to solve advanced technical challenges, while our product excellence ensures that our standard solutions are excellent.



Responsiveness

Our agile organization reacts quickly to solve customer problems and provides professional advice.

Your reliability is our passion.
Our inspired people make the difference.

Miba Industrial Bearings produces hydrodynamic bearings and labyrinth seals for use in high-performing rotating equipment, such as turbines, compressors, generators, motors, and industrial pumps. Our people and their know-how are our priority. We take pride in what we do and therefore solve our customers' problems better. What you can expect is a partner who gives you confidence and trust to grow.



Miba Bearing Group

It is no secret that markets remain in a constant state of flux. Around the world, manufacturers of high-performing rotating equipment, such as turbines, compressors, and industrial pumps face a variety of challenges.

As an international specialist for engine and industrial bearing application and production, the Miba Bearing Group is able to offer its clients flexible and customized solutions for all eventualities. From development, material choice and exceptional application engineering, right through to final logistics – we stand for innovative problem solving skills. We take every opportunity to work

side-by-side with our valued partners around the globe, supporting them through our products and services. By providing reliable products with long service lives at competitive prices, we are able to ensure a high level of customer satisfaction.

The Industrial Bearing Branch produces hydrodynamic bearings used in industrial rotating equipment, while the Engine Bearing Branch focuses on components that significantly affect combustion engine functionality and service life. Together, they form the Miba Bearing Group, a reliable partner with over 100 years of combined research and development experience.



**Miba
Engine Bearings**

**Miba
Industrial Bearings**

Former Bearing Markings

Miba has acquired bearing manufacturers with a long history. Therefore, your machine may be running with bearings marked with the manufacturing site's former name. The picture shows all the markings you might encounter, indicating that you are using an old Miba bearing. If you see one of these bearing markings, please feel free to contact us.



Stronger Together



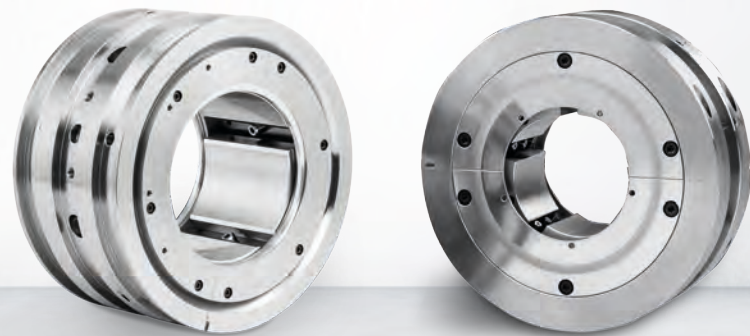
Miba Industrial Bearings Products



Products

TILTING PAD JOURNAL BEARINGS

Journal bearings with tilting pads for greater load carrying in heavy-duty rotating machinery.



MATERIALS

- Steel/Babbitt
- Steel/Bronze
- CuCr/Babbitt
- Alternate materials available



APPLICATIONS

- Gas & Steam Turbines
- Compressors
- Expanders
- Pumps
- Turbo Gearboxes

Products

TILTING PAD THRUST BEARINGS

Thrust bearings with tilting pads for supporting greater axial loads in heavy-duty rotating machinery.



MATERIALS

- Steel/Babbitt
- Steel/Bronze
- Bronze/Babbitt
- CuCr/Babbitt
- CuCr/AlSn40
- PEEK
- Alternate materials available



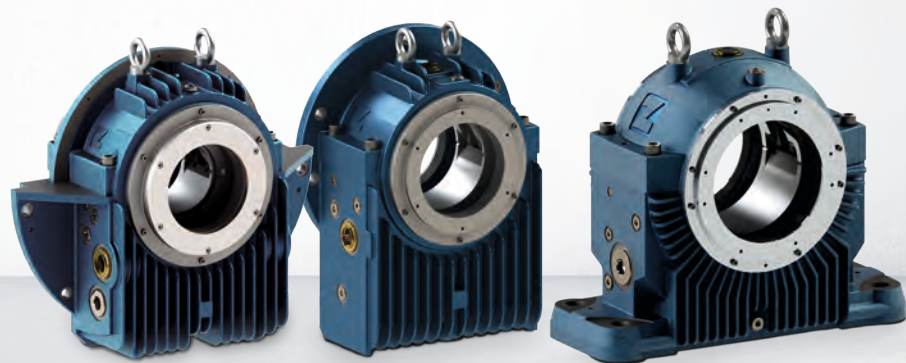
APPLICATIONS

- Gas & Steam Turbines
- Compressors
- Expanders
- Pumps
- Turbo Gearboxes

Products

HOUSING BEARINGS

Smart modular system pedestal, end flange, and center flange bearings built to the standards of DIN 31 690, 693 and 694.



MATERIALS

- Nodular Cast Iron
EN-GJS-400-15 (GGG40)
- Upon request Grey Cast Iron
EN-GJL-300 (GG30)
- Upon request EN-GJS-400-18 LT
(GGG40.3)



APPLICATIONS

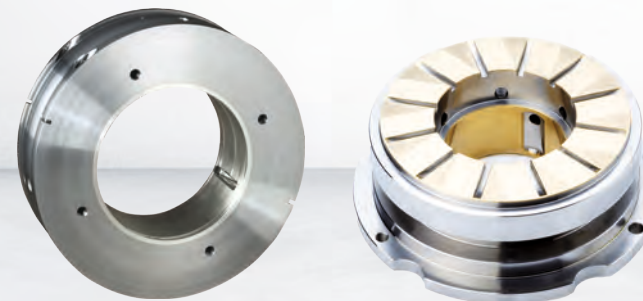
- Generators
- Blowers
- Large electric machinery
- Hydro Turbines
- Synchronous Condensers
- Test Rigs
- Turbogenerators

Products

FIXED PROFILE BEARINGS

Sleeve bearings with different bore profiles and thrust face design for optimized performance.

Cylindrical	Lemon-bore	3 Lobe	Offset Halves	4 Lobe



MATERIALS

- Steel/Babbitt
- Steel/Bronze
- Bronze
- CuCr/Babbitt
- Polymer
- Alternate materials available



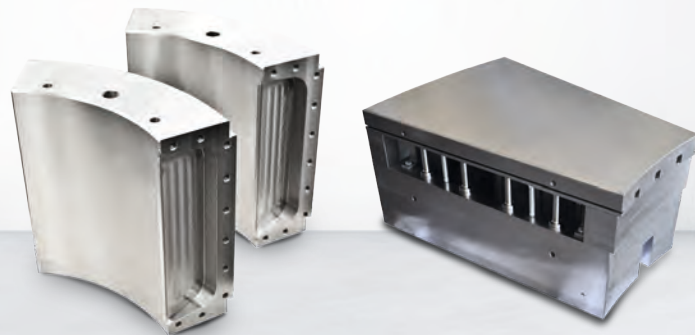
APPLICATIONS

- Blowers
- Gearboxes
- Large electric motors
- Pumps
- Refrigeration Compressors
- Gas & Steam Turbines
- Turbochargers

Products

HYDRO BEARINGS

Miba Hydro Bearings are used in turbines and generators for small (below 30 megawatts), medium-sized (31 and 80 megawatts), and large (above 80 megawatts) hydropower plants.



MATERIALS

- Steel/Babbitt
- Alternate materials available



APPLICATIONS

- Generators
- Kaplan Turbine
- Kaplan S Turbine
- Francis Turbine
- Pelton Turbine
- Reversible Turbines
- Bulb Turbine
- Open Pit Turbine

Products

VERTICAL BEARINGS

Vertical housing bearings for demanding applications. In addition to standardized vertical bearings, tailor-made bearing designs according to customer's needs are available.



MATERIALS

- Pads: Steel/Babbitt
- Housing: Nodular Cast Iron
EN-GJS-400-15 GGG40



APPLICATIONS

- Pumps
- Kaplan Vertical
- Francis Vertical

Products

SEALS

Our business is servicing our customers' needs for the repair and manufacture of labyrinth seals for turbomachinery, either in-kind or customized to your operation.



MATERIALS

- Aluminum
- Bronze; Bronze/Babbitt
- Felt Metal
- Fluorosint
- Nickel Graphite; Nickel Silver
- Ni-resist
- PEEK
- Steel; Steel/Babbitt
- TORLON/DURATRON
- VESPEL



APPLICATIONS

- Gas & Steam Turbines
- Compressors
- Expanders
- Generators
- Turbo Gearboxes

Products

HYDRAULIC COMPONENTS

The ready-to-install elements stand out due to their high-precision geometry and plane parallelism, achieved through double-sided grinding and lapping, as well as computer-measured analysis. Including: Valve Plates, Down-hold segments, Face plates, Port plates, Retainer segments and plates and Slipper retainers.



MATERIALS

- C22/ CuPb10Sn10
- C10/ CuPb10Sn10
- St37 / CuPb22Sn2
- 100Cr6
- 34CrNiMo6L



APPLICATIONS

- Axial Piston Motors
- Axial Piston Pumps
- Bent Axis Motors
- Heavy Duty Pumps
- Hydraulic Motors

Service Portfolio

From designing, material choice and exceptional engineering, right through to service and repair – we stand for innovative problem solving skills.



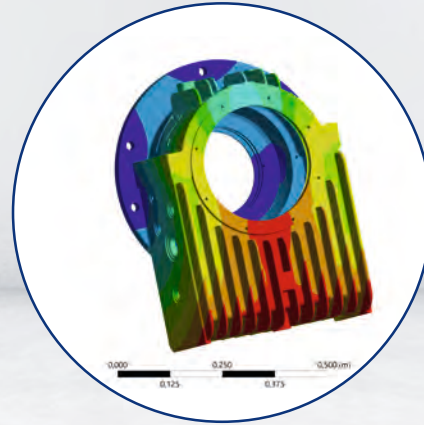
CALCULATION & DESIGN



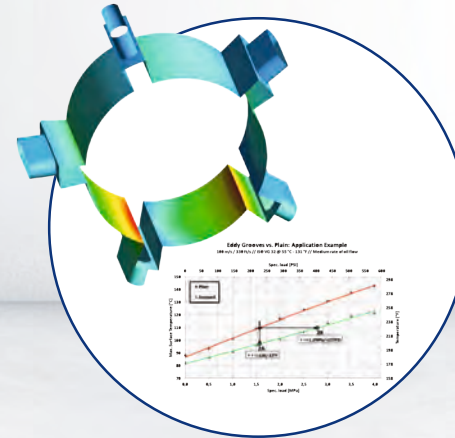
MANUFACTURING



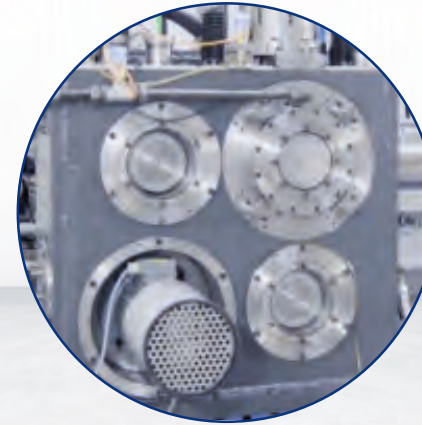
FAILURE ANALYSIS & REENGINEERING



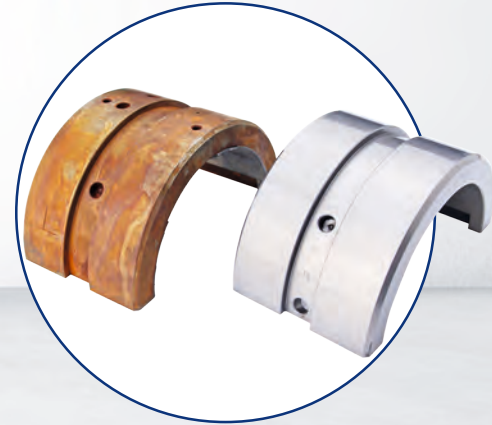
RESEARCH & DEVELOPMENT



MIBA TEST STANDS



REPAIR & SERVICE



Miba Industrial Bearings Sites

You need a partner you can completely rely on. Miba employs a global team of experts, who deal with a large number of customer challenges and a variety of applications and specifications worldwide. This broad wealth of experience is the core of our work.

Miba Industrial Bearings U.S. LLC

Columbus, NE, USA
3300 East 8th Street, Columbus, NE 68601, USA

Founded: 1979
Formerly known as Orion Bearings. The plant joined the Miba Group in 2018.

Get in touch:

T +1 262 377-2210
mibusg_sales@miba.com

Miba Industrial Bearings U.S. LLC

Grafton, WI, USA
1111 Cedar Creek Rd, Grafton, WI 53024, USA

Founded: 1968
Formerly known as Orion Bearings. The plant joined the Miba Group in 2018.

Get in touch:

T +1 262 377-2210
mibusg_sales@miba.com

Miba Industrial Bearings U.S. (Houston) LLC

Bearing repair and service business
Deer Park, TX, USA
1800 W 13th St, Deer Park, TX 77536, USA

Founded: 1991
Former TCE (Turbo Components and Engineering).
The plant in Texas joined the Miba Group in 2018.

Get in touch:

T +1 713-943-9100
houston.sales@miba.com

Miba Industrial Bearings Germany Osterode GmbH

Osterode, Germany
Rolandsweg 16-20, 37520 Osterode am Harz, Germany

The plant combines the former Sartorius Bearings (founded 1948) and Zollern Plain Bearings (Founded 1918 under the name BHW).

Get in touch:

T +49 (0) 5522 31 27-0
mibg_sales@miba.com

ADMOS Gleitlager GmbH

Berlin, Germany
Wilhelminenhofstrasse 89a, 12459 Berlin, Germany

Founded: 1910

Get in touch:

T + 49 (0) 30 53009-0
info@admos-gleitlager.de

Miba Industrial Bearings Brasil Ltda.

Cataguases, Brazil
Av. Manoel Inácio Peixoto, 2147 36771-000 Cataguases MG, Brazil

Founded: 1978
Formerly operating as Zollern Transmissoes Mecanicas.
The plant joined the Miba Group in 2019.

Get in touch:

T + 55 (32) 3429-5302
vendas.mibcat@miba.com

Miba's Global Presence

30 PRODUCTION SITES
AND 7,600 EMPLOYEES

As at: January 31, 2024, employee numbers rounded



USA

1,300 employees
9 production sites

EUROPA

4,900 employees
15 production sites

ASIA

1,400 employees
6 production sites

Miba Sinter Group

Miba Sinter Austria

Vorchdorf, Austria

Miba Sinter Slovakia

Dolný Kubín, Slovakia

Miba Sinter USA

McConnelsville, OH, USA

Miba Sinter Brasil

Indaiatuba, Brasil

Miba Precision Components (China)

– Sinter Branch

Suzhou, China

Sintercom India**

Pune, India

Miba Bearing Group*

ENGINE BEARING BRANCH

Miba Gleitlager Austria

Laakirchen, Austria

Miba Bearings Materials

Aurachkirchen, Austria

Miba Bearings US

McConnelsville, OH, USA

ABM Advanced Bearing Materials**

Greensburg, IN, USA

Miba Precision Components (China)

– Bearing Branch

Suzhou, China

INDUSTRIAL BEARING BRANCH

Miba Industrial Bearings US

Grafton, WI, USA

Miba Industrial Bearings US

Columbus, NE, USA

Miba Industrial Bearings US (Houston)

Deer Park, TX, USA

Miba Industrial Bearings Germany Osterode

Osterode, Germany

Miba Industrial Bearings Brasil

Cataguases, Brasil

ADMOS Gleitlager

Berlin, Germany

Miba Friction Group

Miba Frictec

Roitham, Austria

Miba Steeltec

Vráble, Slovakia

Miba Fibertec

Štetí, Czech Republic

Miba HydraMechanica

Sterling Heights, MI, USA

Miba Precision Components (China)

– Friction Branch

Suzhou, China

Miba Drivetec India

Pune, India

Miba Power Electronics Group

Miba Resistors Austria

(EBG Elektronische Bauelemente)

Kirchbach, Austria

St. Stefan, Austria

Miba Cooling Austria

(DAU)

Ligist, Austria

Miba Electronics Slovenia

Šentjernej, Slovenia

Miba Resistors US

(EBG Resistors)

Middletown, PA, USA

EBG China**

Qingxi/Shenzhen region, China

Miba Strategic Units

STRATEGIC UNIT COATING

HighTech Coatings

Vorchdorf, Austria

Miba Precision Components (China)

– Coating Branch

Suzhou, China

STRATEGIC UNIT

AUTOMATION SYSTEMS

Miba Automation Systems

Aurachkirchen, Austria

STRATEGIC UNIT eMOBILITY

Miba eMobility

Laakirchen, Austria

Miba Battery Systems

Bad Leonfelden, Austria

* Miba holds 74.9% of the shares and has the industrial leadership

** Companies in which Miba has shareholdings

www.miba.com/en/product-areas/industrial-bearings



Oil and Gas



Power Generation



Chemical Industry



General Industry



Website

Contact us:

Germany: mibg_sales@miba.com

USA Grafton: mibusg_sales@miba.com

USA Houston: houston.sales@miba.com

Brazil: vendas.mibcat@miba.com

**YOUR RELIABILITY IS
OUR PASSION.
OUR INSPIRED PEOPLE
MAKE THE DIFFERENCE.**