

Recap 2024

The BMI Group proudly launches its first yearly newsletter, a platform designed to showcase groundbreaking products and share the company's bold vision for the future.

For 26 years, BMI has overcome challenges to establish a trusted brand across diverse markets. This success stems from the unwavering trust of our customers, the passion of our dedicated team, and the relentless innovation supported by our suppliers. Together, we've built a legacy of excellence.

The business landscape remains unpredictable, with rising raw material costs and shifting conditions driven by global events. Yet, BMI continues to push forward. The U.S. market stands out as a beacon of growth, fueled by exciting new orders in coal mining, aggregate, and material handling. These milestones set the stage for even greater success in 2025 and beyond.

The year ahead promises to be transformative, driven by the launch of revolutionary products like the S2000, Type E, and Double Interlock Bearings. These innovations will complete our mounted unit bearing portfolio, opening doors to fresh opportunities.

The future is bright, and BMI is ready to lead the charge. Stay tuned—this is just the beginning!



IN THIS ISSUE:

Our Journey This Year

A look back at key events, industry engagements, and customer collaborations that shaped the year.

Breaking New Ground

Engineering solutions developed at BMI for the specific heavy industries.

2025 Expo Calendar

Upcoming international fairs where you can connect with BMI and its latest product showcase.

Our Journey This Year

USA market : Mission accomplished

BMI Bearings USA inc with the assistance of our Sales Director had a successful visit to USA to meet existing and new clients to discuss existing and new business for future. We have been able to find new representatives in additional territories of USA who are interested to promote the BMI brand. With increasing stock in USA BMI Bearings will be able to grow business in US market further eventually to have team of Sales / Application engineers in USA to support the representatives.



Participation in AIST 2024 :

BMI Bearings USA Inc had a good showing at the AIST 2024 at Columbus, Ohio to understand the demands of the steel industry in USA. We are confident that the solutions offered by BMI for the steel industry will help us grow further with our distributors in the steel industry. As we work on some OEM projects for tension leveller bearing and other products we find that market very open for new solutions where only Italian and US made product has been used.

New ERP, website and Brochure

Post covid the footfalls in the tradeshows and customer visits to the plant has dropped thanks to video conferencing. We have also accepted the new way of business and hence have updated our website and brochure with all the new improvements so that customer can have all the information. BMI group has successfully installed ERP system to ensure fast and accurate data for the entire company on a click of a button.



Welcoming Our Customers

BMI had the pleasure to host our client from Germany this year. Welcoming customers to our office is a valuable opportunity to build long-lasting relationships and foster trust. We offer a warm reception, personalized tours, and meaningful discussions to share insights into our work. By highlighting our commitment to collaboration and excellence, we create an engaging experience that strengthens connections for the future.

New Product Launches

NEW PRODUCTS

Type E



Type E Bearings

From the bearings, seals, grease to housing our innovative design incorporates features that can help withstand the most demanding application and resulting in less downtime, reduced maintenance and lower cost of ownership.

Features

1. Uses high capacity taper roller bearings
2. ASTM A48 class 3 cast iron housing Pillow Block, Flange and piloted flange version available.
3. Shaft size 1" to 4"
4. Dimensionally interchangeable with industry standard type E bearings
5. Variety of configurations allow maximum application flexibility.
6. Improved sealing for better life in dusty & set environments.

Manufacturing features

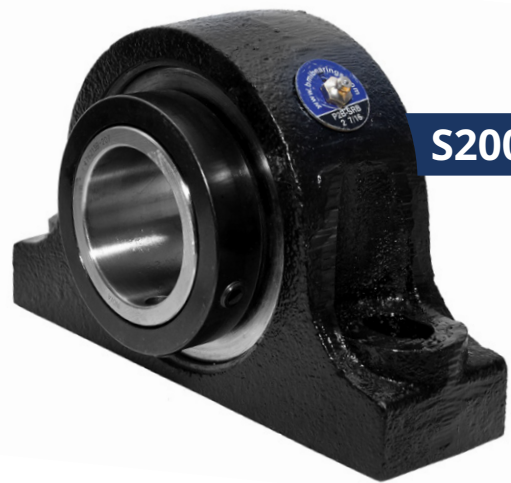
- Cone roundness
- Concentricity race to race
- Assembly cleanliness

Aggregate Industry Solutions

As demand for infrastructure grows, so does the need for crushed stone, gravel, and sand, making it essential to enhance productivity while reducing costs.

With decades of experience in the aggregate industry and bulk material handling, our engineers understand your challenges and are dedicated to delivering tailored solutions that meet your needs.

S2000

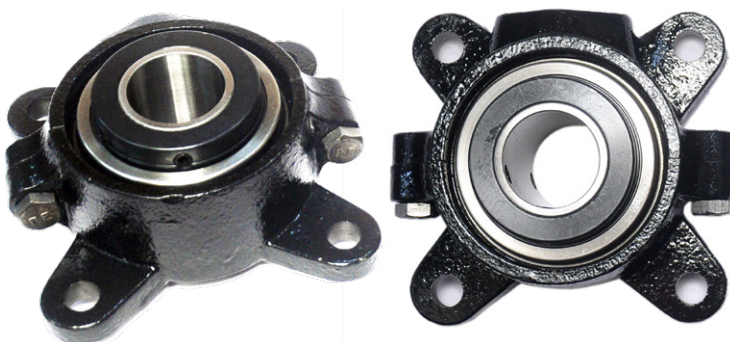


Double Interlock Bearing

BMI double interlock mounted bearings are high capacity Tapered Roller Bearings able to withstand radial and axial loads.

With 650 set screw spacing on the locking collar these bearings are easy to install. The standard housing material is ASTM A48 class 30 grade.

The Tapered Roller Bearings for these mounted bearings have case carburized inner races for absorbing shock loads and longer life.



CUSTOM SOLUTIONS

Case Study: Preventing Premature Bearing Failures in Aluminum Plant Conveyor Systems

Problem Analysis

Contaminant infiltration caused abrasive wear. Excessive shock loads and impacts surpassed their design capacity, resulting in premature failure.

Solution Implementation

BMI addressed these issues by implementing these solutions:

Improved Sealing:

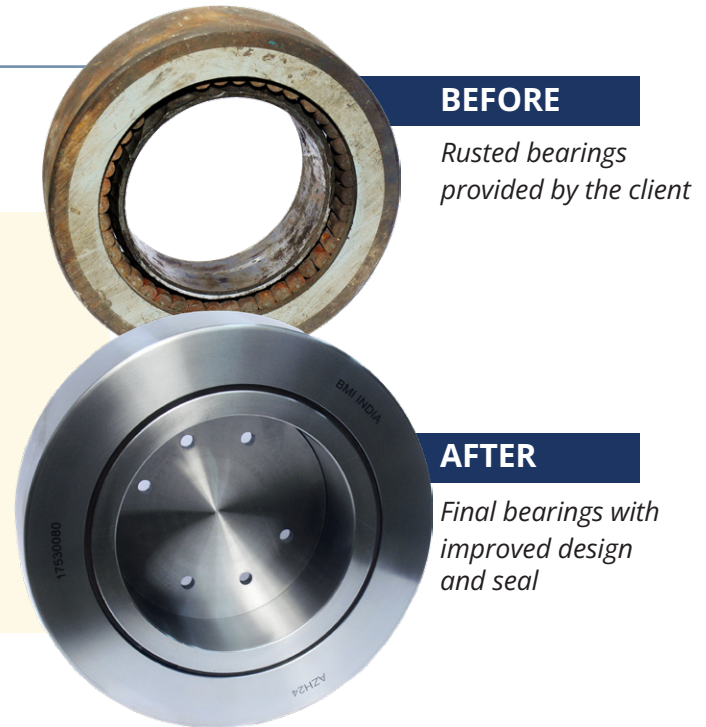
Bearings were upgraded with seals on both sides to prevent dust and debris from entering, ensuring cleaner operation and reducing wear.

Case-Hardened Outer Ring:

Bearings with a case-hardened outer ring were installed to withstand shock loads and extend bearing life under heavy operating conditions.

Results

These targeted improvements led to a dramatic reduction in bearing failures, cutting downtime by 80% and lowering maintenance costs. The plant experienced enhanced productivity and a more reliable conveyor system, demonstrating the effectiveness of precise engineering solutions in challenging industrial environments.



BEFORE

Rusted bearings provided by the client

AFTER

Final bearings with improved design and seal

Feel free to reach out to BMI application engineers on sales@bmbearings.com for any technical questions or any such non-standard development.

2025 Expo Calendar

Upcoming events

With BMI's plans to attend key industry exhibitions and fairs in 2025, we're excited to connect, share ideas, and highlight our latest innovations.



Bearingnet User meeting USA

March 20-22th
Washington DC



AGG1 - Aggregate show

March 25-27th
St Louis Missouri, USA



Agritechnika 2025

9 - 15th November 2025,
Hannover, Germany



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