



aec

Think Motion | Think AEC

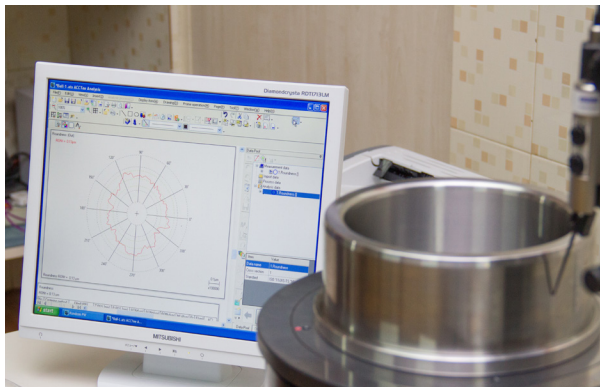
Aerospace Bearings



AEC Bearings for Aerospace Applications

AEC has been in the aerospace bearings market since last 20 years, manufacturing plain as well as rolling element bearings for various applications. AEC's engagement in the research and development of aerospace bearings has led to bearing solutions that meet the demands for high temperatures, low torque, tight tolerances, superior reliability, weight reduction, and increased load capacity. We bring an unprecedented degree of precision to the business of bearings.

AEC has contributed all of its know-how in such fields as it's excellent design and development strengths, as well as materials, tribology, and production technologies; value-added bearings are AEC's forte.



Engineered for Reliability

AEC is raising its presence in the aerospace industry - AEC has developed specialized, high-precision bearings for space applications jointly with a leading space agency. These bearings are engineered and manufactured for a specific application using the most advanced design, manufacturing, and quality testing methods. Innovative material technologies are used which enable these bearings to withstand extreme temperatures, demanding load profiles, and high speeds.

AEC utilizes advanced analytical tools and latest bearing design programs to achieve optimum design and surface profiles. AEC manufactures bearings for the aerospace industry which are specifically designed for these tough conditions and can operate extremely well while offering high reliability.



AEC Advantage

- Synergistic development with customer
- Design & manufacturing for wide range of products
- Specially developed production & inspection techniques
- Highest quality, reliability, & traceability

AEC Bearings offer

- low & stable dimensional variation at extreme temperatures
- excellent dimensional & running accuracies
- optimum raceway & roller profiles
- high fatigue life & better wear resistance

Propulsion & Guidance Applications

Standard and Custom

- Super Precision Ball Bearings
- Spherical Plain Bearings



Engine & Gearbox Applications

Standard and Custom

- Super Precision Ball Bearings
- Super Precision Cylindrical Roller Bearings





AEC Bearings

Austin Engineering Company Limited, AEC, is the manufacturer of the widest range of rolling element bearings in a single plant in India without any domestic or foreign collaboration.

Founded by five technocrats in 1973, today AEC has grown into a public limited company manufacturing over 6000 size/types of high quality bearings and their components.

AEC has

- over 4 decades of manufacturing excellence and innovation
- ISO 16949, ISO 9001, ISO 14001, ISO 18001 certifications (TUV Rheinland)
- customer base across 4 continents
- wide range of standard and custom products spanning across various applications

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