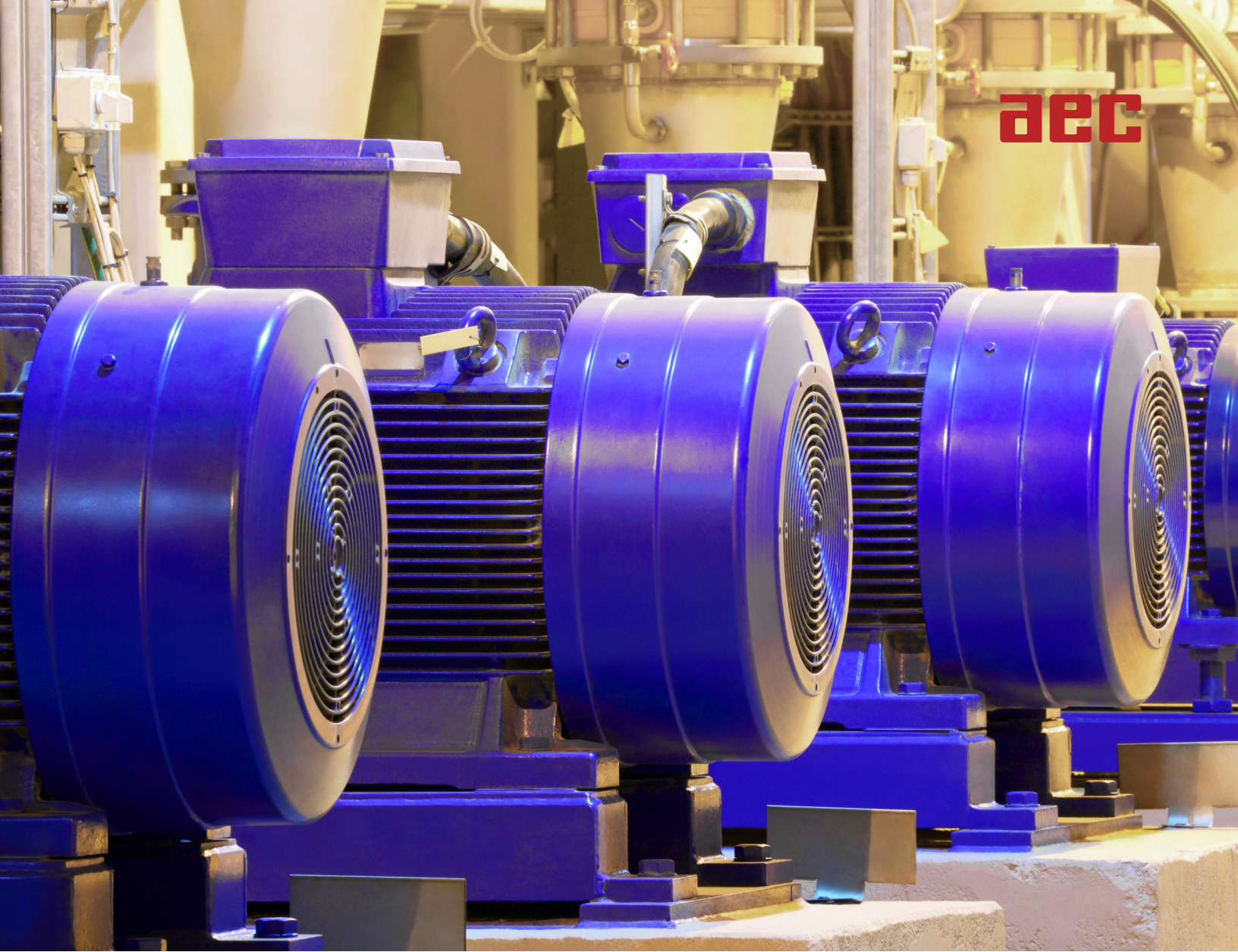


aec



Think Motion | Think AEC

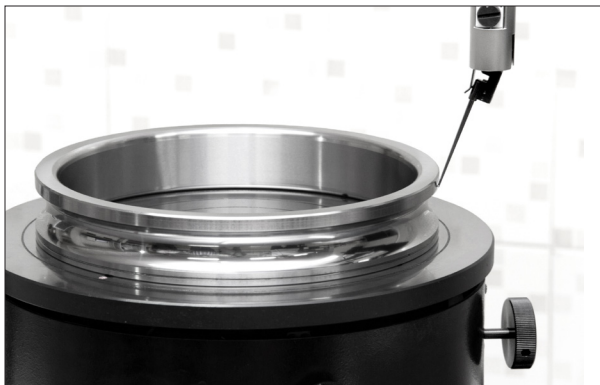
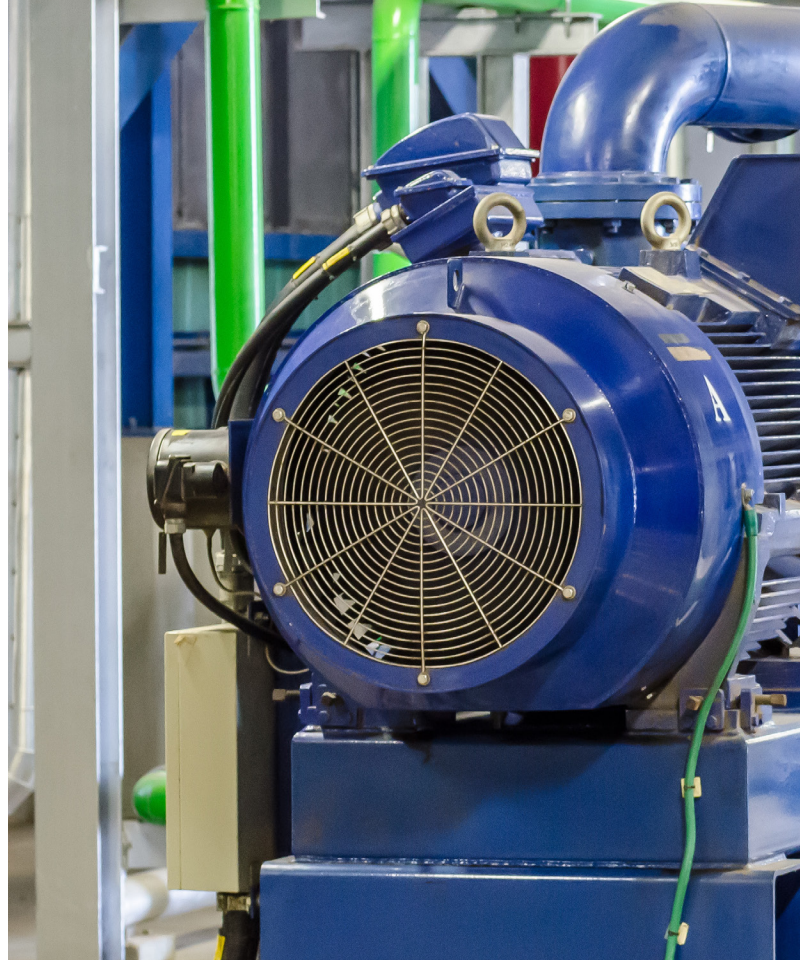
Pump & Motor Bearings



AEC Bearings for Pumps & Motors

With increased focus on energy savings and undoubtably rising energy costs, the use of reliable and environment friendly technology has grown considerably over the past decade. As a manufacturer, AEC strives to minimize losses due to friction to reduce energy consumption. Increasing the meantime between failures for longer operational life reduces the total cost of ownership.

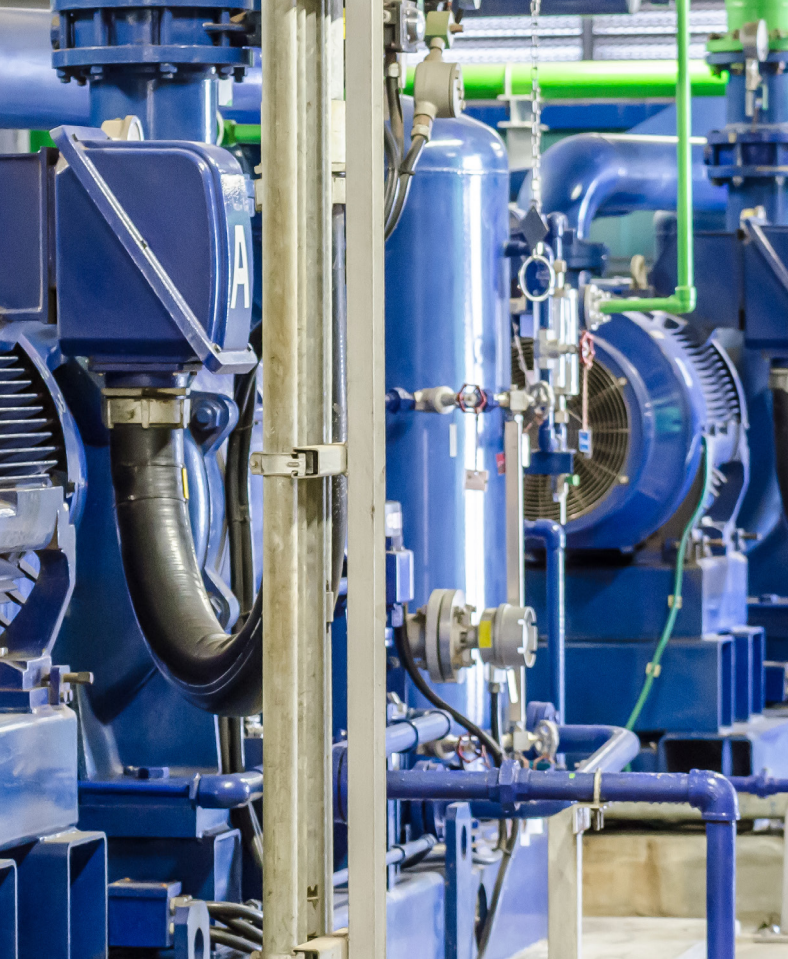
AEC offers bearings that reduce energy consumption, deliver reliability, and longer and quieter operational life. AEC offers low cost and high return on investment. AEC's proven engineered product design, superior product material, and manufacturing technologies are progressive solutions for our modern-day requirements.



Engineered for Performance & Reliability

Research has shown that the leading cause of pump breakdowns is bearing failure. This is due in part because fewer than 10 to 30 percent of all bearings run long enough to succumb to normal fatigue failure. Most bearings fail at an early age because of static overload, wear, corrosion, lubricant failure, contamination, or overheating. Particle contamination and corrosion account for majority of all of these bearing failures. Further, bearing seals, specifically the seal type, also plays a crucial role in pump/bearing reliability.

AEC understands these challenges and have expended a significant amount of research to find solutions to these problems.



AEC Advantage

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

AEC Bearings offer

- high radial & axial load capacities
- low friction & energy consumption
- low noise & vibration
- optimum rolling element & raceway profiles

Radial Load Applications

Standard and Custom

- Ball Bearings
- Cylindrical Roller Bearings

Electrical Insulation Applications

Standard and Custom

- Insulated Ball and Cylindrical Roller Bearings

Thrust Load Applications

Standard and Custom

- Cylindrical Roller Thrust Bearings
- Spherical 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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