


ORBIT

ORBIT

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Optimizing Resources for Best Integration of Technology

About Us



Established in 1990 in Gujarat, India, Orbit Bearings is one of the leading manufacturers of Taper and Cylindrical Roller Bearings for Automotive & Industrial Applications for its OEM Customers manufacturing Trucks, Truck Trailers, Agriculture Tractors, Transmissions, Engines, Compressors, and Industrial Gearboxes etc. It has a customer base in USA, Europe, Australia and Asia

Orbit is committed to consistent quality from design to distribution. Orbit is expanding its manufacturing capacity to 10 million pieces per annum of taper and cylindrical roller bearings due to increasing demands of its existing OEM customers and continuous additions of new customers. Orbit also manufactures advanced HUB bearings to help achieve greater life cycle cost savings for its customers.

In 2011 Orbit started construction of a new manufacturing plant along with Orbit Technology Centre to provide advanced engineering solutions to its customers. Orbit has also been investing in a facility which can conduct virtual simulation testing for its automotive customers and friction management processes to improve fuel efficiency. Optimizing manufacturing processes and resources is one of the core strengths of the company.

Over the years, Orbit has evolved from being a manufacturing oriented company to a knowledge based engineering entity that helps its customers to design, test and customize bearing solutions as per their requirements. As a process driven technical solutions provider, Orbit was the 1st Indian Company to supply HUB bearings to various European truck trailer manufacturers.

Tapered Roller Bearings | Cylindrical Roller Bearings | Truck Hub Bearings | Truck Axle Module



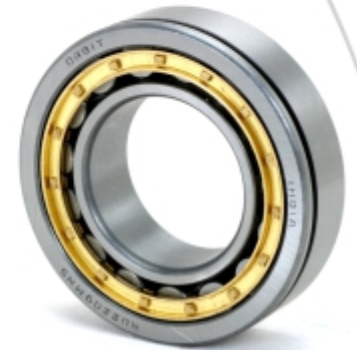
Products



Truck Hub Bearing



Tapered Roller Bearings



Cylindrical Roller Bearings



Truck Axle Module

Taper and Cylindrical Roller Bearings for Automotive & Industrial Applications



Technology

The Orbit Technology Centre focuses on engineering research and development services. It has expertise in areas like metallurgy, material science, lubrication, designing, validation, manufacturing and application engineering. Their engineers work with OEM customers to define application problems and provide solutions that help end users get the most out of their products.

Orbit's adaptability approach has made it integrate new and latest technology in their production cycle. It comprehends customer requirements to provide most efficient solutions and utilize their expertise to provide best outputs. Its capabilities include:

Design & Analysis

Orbit Technology Centre designs bearings as per customer requirements along with added features to enhance product performance and customer satisfaction. It evaluates and refines designs to create superior and longer lasting products.

Validation

Orbit has setup in-house testing capabilities and simulation tools for testing its bearings in simulated real road conditions to validate performance and life of its bearings.

Advanced Manufacturing

Its integrated system optimizes manufacturing processes to ensure high quality bearing production. Orbit also offers packaged units that can reduce cost by decreasing vehicle downtime during maintenance and achieve greater life.



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