BOSSARD
Proven Productivity

Bearing Solution

Supporting Rotational Motion

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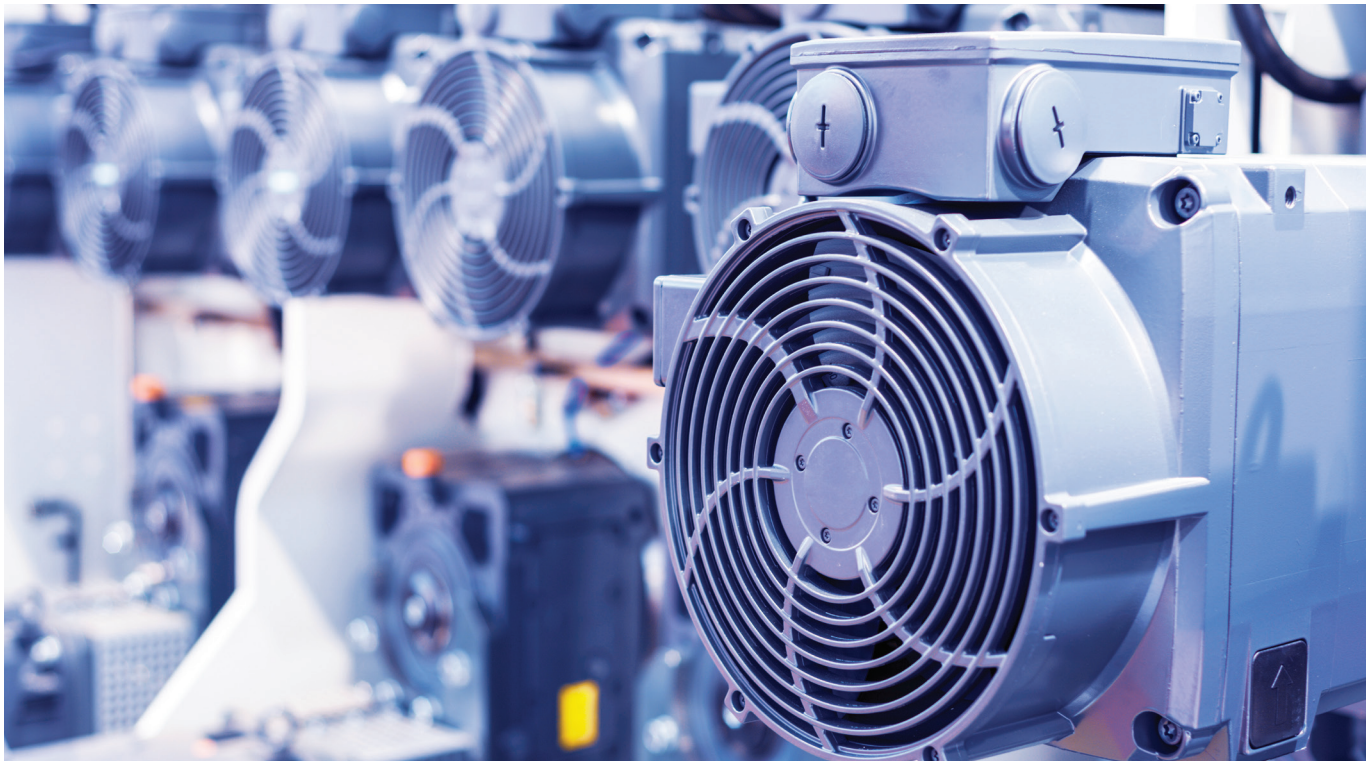
BEARING SOLUTIONS

Supporting Rotational Motion



Simple, Reliable and Effective

Bearing Solutions are machine element that play a fundamental role in mechanical devices with moving parts which makes it possible for the components to move with each in the desired motion.

They are simple, reliable and highly effective which provide value in reducing friction and wear while improving operational efficiency in all types of machinery.

Common industrial applications

- Industrial Machinery
- Wind power
- Commercial Transportation
- Automotive
- Aerospace
- Medical Devices

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Implementing Bearing Solutions with the right choices will lead to efficient system maintenance and reduce downtime in your machinery. Our wide range of Bearing Solutions from Ball Bearing to Plain Bear with other bearing variant such as Spherical Bearing, Thrust Bearing, Needle Bearing and many more. These are bound to meet your specific application needs.

Listed below are some of our product solutions. The product images shown are for illustration purposes only

To find out more about our product solutions, do contact us at pd.asiapacific@bossard.com.

BALL BEARING

- Easy to replace which result in reduce down time
- Good wear resistance increase long service life
- Do not need much lubrication which reduces maintenance

TAPERED ROLLER BEARING

- Tapered roller bearing can withstand high axial loads
- Low friction which reduce heat generation
- Easy maintenance

PLAIN BEARING

- Space and weight saving for lighter and compact machine design
- Contain no moving part which provide quieter and more reliable performance
- Maintenance free and long bearing life

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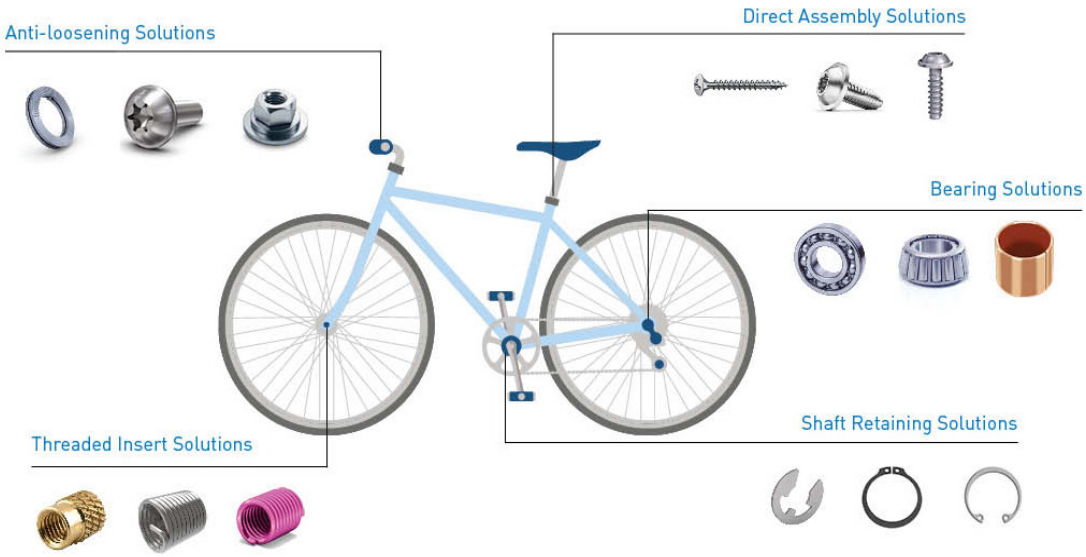
BEARING SOLUTION

Product Solutions for the Bicycle



Customer is a Bicycle Component Manufacturer specializing in Suspension Management.

CUSTOMER PAIN POINT

- The customer's challenges started after observing high bicycle return rates and customer complaints on excessive noise at the rear wheel.
- Quality issues from the existing bearings used likely originating from high wear rate and high friction generated.

OPPORTUNITY

- Identified a bearing solution which was able to withstand the applications requirements.
- Wear and tear from the bearings also needed to be considered.

ACTION

- Includes understanding the details of customer project such as the usage and life cycle of the bearings.
- Bearing is a critical component of bicycle suspension system, the customer understands and accepts that key components shall not be replaced with cheaper alternatives.

WHAT ARE THE BENEFITS ?

- Customer Service feedback complaints rates due to rear wheel noise issues which spiked at 10% has been reduced to less than 1%.