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## **Latest SKF Sealed Energy Efficient deep groove ball bearing cuts friction by over 30%**

The latest Sealed Energy Efficient deep groove ball bearing (sealed [E2 DGBB](#)) from [SKF](#) reduces frictional losses by up to 30%. This helps to save energy and reduce CO2 in a wide range of applications, from electric motors and two-wheelers to industrial conveyors and water pumps.

The latest sealed E2 DGBB incorporates a number of new features, including the addition of a seal that provides minimal interference between the inner ring and seal lip, without compromising the performance of the sealing ability. In conjunction with optimised internal geometry, the use of a high speed polymer cage, long life grease for high speed applications, this helps to minimise friction, reduce running temperature and increase operating life.

To put this into context: for a typical textile machine running 8,000 hours per year equipped with 200 sealed E2 DGBBs, the reduction is estimated to be 11,310 kWh annually. This reduction translates into a CO2 saving of 8,5 tonnes per year according to world power grid mix CO2 factor of 0.749 kg CO2e/kWh.

“[The SKF Sealed Energy Efficient deep groove ball bearing](#) is a good example of a sustainable solution that saves energy in many different applications. Our products are designed to meet the needs of the many energy saving programs planned and implemented worldwide”, says Luigi Cavallero, Business Development Manager, Business Unit Powertrain & Electrical and Two Wheeler, SKF.

The SKF Sealed Energy Efficient deep groove ball bearing is available in different sizes up to 52 mm outer diameter, and is part of SKF's BeyondZero portfolio of products that offer enhanced environmental performance characteristics, based on material selection, energy efficiency and reduction of lubricant leakage.



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Aktiebolaget SKF  
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*SKF is a leading global supplier of bearings, seals, mechatronics, lubrication systems, and services which include technical support, maintenance and reliability services, engineering consulting and training. SKF is represented in more than 130 countries and has around 15,000 distributor locations worldwide. Annual sales in 2012 were SEK 64,575 million and the number of employees was 46,775. [www.skf.com](http://www.skf.com)*

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**Company name**

Address if any, City, Country, Company re.no. Registration number

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