

Press Release

Schaeffler TriFinity™ wheel bearing nominated for the Automechanika Frankfurt 2024 Innovation Award

FRANKFURT, 2024-07-31.

- Schaeffler's innovative TriFinity™ wheel bearing has been shortlisted in the "Parts & Innovations" category
- World's only three-row ball bearing with face spline on the market, specifically developed for electric and conventional vehicles
- Contribution to sustainable mobility with reduced friction and increased lifespan

The Schaeffler TriFinity™ wheel bearing has been nominated for the Automechanika Frankfurt 2024 Innovation Award in the 'Parts and Innovative Technologies' category. The prestigious award honors pioneering innovations in the industry. From a record number of more than 150 applications, a 17-member international jury decided which applications would go through to the next round.

Schaeffler TriFinity™ wheel bearing is a state-of-the-art, friction-reduced wheel bearing specifically developed for use in electrified vehicles. It also contributes to the development of sustainable mobility ecosystems.

Optimal Performance for Electric and Conventional Vehicles

Electric vehicles typically have higher weight and torque compared to conventional drive variants. The Schaeffler TriFinity™ wheel bearing meets these increased demands with three instead of the usual two ball rows, allowing for higher axle loads while minimizing friction, weight, and noise. It offers a longer lifespan and friction reduction compared to conventional two-row ball bearings, increasing the range of electric vehicles and reducing CO₂- emissions in internal combustion engines.

Innovation and Sustainability as Key Factors for the Future

"This nomination is an acknowledgement of our strategy to make a positive contribution to the future of mobility through innovative solutions and technological advancements," says Jens Schüler, CEO Schaeffler Vehicle Lifetime Solutions. "The Schaeffler TriFinity™ wheel bearing is the only triple-row ball bearing on the market. Less friction and weight with greater torque transmission and range, as well as longer lifespan, make it more efficient than conventional

wheel bearings. It showcases our efforts to increase efficiency and sustainability in the automotive industry.”

Visit us at Automechanika 2024

Schaeffler Vehicle Lifetime Solutions will be present at Automechanika 2024 from September 10 to 14 in Frankfurt. Under the motto “Sustaining Motion. Pioneering Future.,” the company will showcase its latest developments and technologies in Forum Level 0, booth A01. Visitors can look forward to exciting demonstrations and presentations that bring the future of mobility to life.

About the Innovation Award

The Innovation Award at Automechanika is one of the most prestigious honors in the automotive industry. It is awarded to companies that make outstanding contributions to the industry with their products and technologies. The winners will be announced during the trade fair in a ceremony on September 10, 2024.

Schaeffler Group – We pioneer motion The Schaeffler Group has been driving forward groundbreaking inventions and developments in the field of motion technology for over 75 years. With innovative technologies, products, and services for electric mobility, CO₂-efficient drives, chassis solutions, Industry 4.0, digitalization, and renewable energies, the company is a reliable partner for making motion more efficient, intelligent, and sustainable – over the entire life cycle. The Motion Technology Company manufactures high-precision components and systems for drive train and chassis applications as well as rolling and plain bearing solutions for a large number of industrial applications. The Schaeffler Group generated sales of EUR 16.3 billion in 2023. With around 84,000 employees, Schaeffler is one of the world's largest family-owned companies and one of Germany's most innovative companies.

The Schaeffler TriFinity™ wheel bearing was specially developed for use in electrified and conventional vehicles. Photo: Schaeffler

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