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Press Release

Schaeffler at EMO 2025 (Hall 6, Booth I46)

Product premiere: Precision angular contact ball bearings for driven tools

SCHWEINFURT, *2025-09-10*.

- Cost-efficient solutions tailored to driven tools applications
- High running accuracy and rigidity ensure stable machining processes
- Suitable for both original equipment and reconditioning

In line with its motto “Innovation across every axis,” Schaeffler is expanding its portfolio with a new series of precision angular contact ball bearings for driven tools. Available in dimension series 70 and 719 with shaft diameters from 10 to 50 millimeters, the new PTB (Precision Tool Bearings) series of precision angular contact ball bearings is suitable both for the bearing supports of driven tool spindles and for bevel gear supports in driven tools.

Technically and economically optimized solution

The robust internal construction enables the bearings to withstand high axial and radial machining forces. High running accuracy (P4 class) and rigidity ensure stable machining processes and high productivity. The new PTB bearings are optionally available with seals and supplied pregreased with Schaeffler’s premium Arcanol “Speed 2.6” spindle bearing grease. As universal bearings, they can be paired in any arrangement.

All manufacturing processes for the PTB precision angular contact ball bearing series have been adapted to deliver a technically and economically optimized solution for driven tools, making them suitable for both original equipment and reconditioning.

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Schaeffler Group – We pioneer motion: The Schaeffler Group has been driving forward groundbreaking inventions and developments in the field of motion technology for 80 years. With innovative technologies, products, and services for electric mobility, chassis solutions, and renewable energies, the company is a reliable partner for making motion more efficient, intelligent, and sustainable – over the entire life cycle. Schaeffler describes its comprehensive range of products and services by means of eight product families: from bearing solutions and all types of linear guidance systems through to repair and monitoring services. With around 110,000 employees and more than 250 locations in 55 countries, Schaeffler is one of the world’s largest family-owned companies and ranks among Germany’s most innovative companies.

Premiering at EMO 2025: Schaeffler introduces new PTB series of precision angular contact ball bearings for driven tools (on the right: sealed version). Bild: Schaeffler

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