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■ **Schaeffler – Your expert development partner also for mechatronic system integration in industrial applications**

Rolling bearings and linear guidance systems are central power transmission components. They work “in the center of motion”, which makes them the natural starting point for integrating other functions for measuring, regulating, and controlling.



Bearing unit for operating room ceiling stands with electromagnetic brake

But mechatronic system integration is much more than just combining the best components to form a single unit. Correctly matching the individual parts to each other is decisive for achieving the overall functionality.

The Schaeffler Group has decades of experience in the practical integration of electronics, sensors, and drive components into environments with rolling bearings and linear guidance systems. Schaeffler works together with subsidiaries such as the direct drive specialist IDAM and with strong partners in the sensor technology and electronics sectors, such as **Continental AG**, so we have every kind of expertise needed for the integration of electronics and mechanics at our disposal.

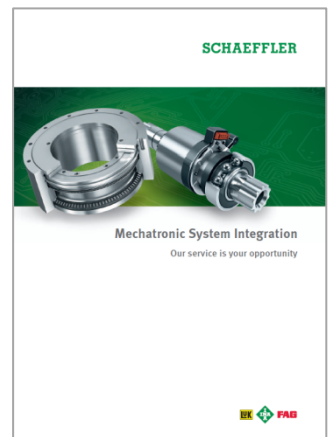
The brochure "Mechatronic System Integration. Our service is your opportunity" (PMS) provides a brief overview of the potential and our expertise in mechatronic system integration in industrial applications.

[Link](#)

Your contact in the Schaeffler Sales team and our mechatronics experts in application engineering will be pleased to discuss possible approaches for further optimizing mechatronic solutions in your application with you.



Smooth-running sensor bottom bracket, integrated into e-bike drive



The publication "Mechatronic System Integration. Our service is your opportunity" (PMS)



■ **Up-to-date Internet site: Maintenance products and services now on the Schaeffler websites**




Schaeffler's maintenance products and services have been fully integrated in the Schaeffler websites since August 1, 2012 (www.schaeffler.de/.com/.es). This information was not previously available from a central source and could only be found on different websites.

The new menu items under "Products & Services" and "INA/FAG Products" contain all relevant product and service information about mounting and dismantling, lubrication, alignment, condition monitoring and rolling bearing reconditioning. The associated publications, such as the current maintenance catalog IS1, and software programs for download are available on the relevant product page and in the Schaeffler media library. The contents - currently available in German, English and Spanish - will be supplemented by additional language versions in the future. You will find all information about Industrial Services and Industrial Aftermarket at: www.schaeffler.de/services and www.schaeffler.de/aftermarket.

The screenshot shows the Schaeffler website interface. At the top, there is a navigation bar with links for 'Deutsch', 'Home', 'Contact', 'Sitemap', 'Imprint', 'Privacy', and 'Terms of Use'. The main header features the 'SCHAEFFLER' logo and the 'LUK INA FAG' logos. A search bar is located on the left. The main content area is titled 'Services' and includes a large image of a technician working on a bearing. Below the image, there is a list of services: Mounting, Lubrication, Condition Monitoring, Corrective Maintenance, Rolling Bearing Reconditioning, Technical Consultancy, and Consulting, TCO. A 'Mounting Toolbox' section is also visible, along with a 'PUBLICATIONS' section featuring a PDF download link for 'Mounting and Maintenance of Rolling Bearings' (3.00 MB).



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Industrial Services

Schaeffler is your powerful partner for sustainable solutions concerning maintenance and quality control - from the selection of the optimal tools to machine monitoring to the maintenance services such as mounting or reconditioning of rolling bearings. In co-operation with the system manufacturer or operator we develop individually tailored concepts independent of manufacturers.

With our products and services our clients are able to reliably avoid or immediately detect and restore machine breakdown / trouble. This increases service life and performance of production lines and significantly reduces total costs. In addition to a permanent on-site support of our clients by means of servicing contracts, we also offer our clients emergency services on call whenever they are needed.

Our high quality products and services along with the profound Know-How of our employees guarantee, that we can offer the ideal solution for your maintenance and monitoring jobs. With our global network of service engineers, we can serve our clients around the world quickly and efficiently. The service sector supplements the portfolio of the Schaeffler Industrial Aftermarket with services and products concerning the maintenance:

Products

- Tools for mounting and dismantling rolling bearings
- 100% tested rolling bearing greases Arcanol
- Lubricant solutions for special rolling bearing applications
- Hardware and software for monitoring the condition of bearings
- Vibration measurement
- Tools for aligning and balancing

Services

- Maintenance and repair of rolling bearings
- On-site and remote machine diagnosis
- Vibration measurement
- Thermography

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PUBLICATIONS

Catalogue | 2012-07
Mounting and Maintenance of Rolling Bearings
 Products Services Training
[Download \(PDF, 3.00 MB\)](#)

If you have any other questions or require further information, please contact your Schaeffler Sales team.