

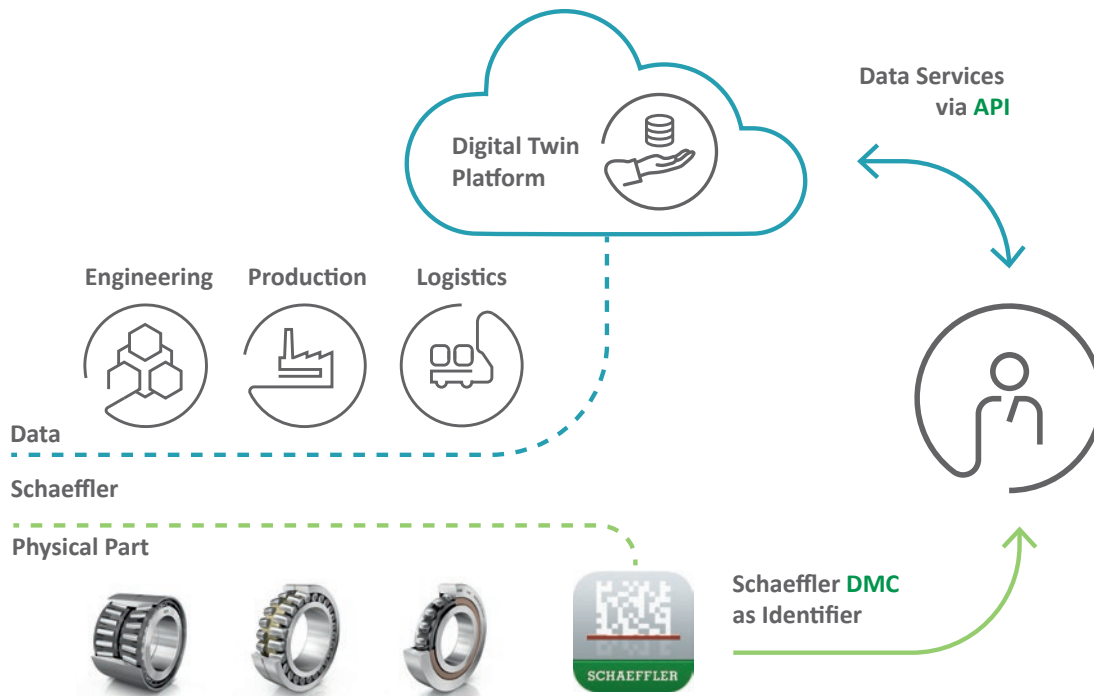
We pioneer motion

Bearing Data Service

Cloud-based management of rolling bearing product data



A Big Step toward Digital Transformation



Data management in a new dimension

Start your journey toward a digital future with Bearing Data Service. Our new data-based additional service for our rolling bearing products completely redefines the way in which rolling bearing product data from Engineering, Production and Logistics is provided and exchanged – without the need for paper, PDFs or manually created Excel lists. This not only increases the efficiency, transparency and security of data management, but also paves the way toward a digital future.

The digital addition to our physical bearing products

With our groundbreaking additional service, the manual steps, challenges and problems associated with traditional data management are a thing of the past. Data Bearing Service enables you to benefit from automation and to see a significant acceleration of your business processes along the value chain.

Technically advanced down to the last detail

At the heart of Bearing Data Service is a technical infrastructure by Schaeffler which consolidates digital and machine-readable rolling bearing product data from various different source systems and makes this data available to customers in a standardized format.

The following rolling bearing product data can be made available to customers:

- Engineering data – originates directly from the engineering environment and describes the bearings in terms of their mechanical properties, e.g. geometry, performance data and information about the assembly and components.
- Real-world measurement data from manufacturing processes – available via a data matrix code (DMC) according to the GS1 standard, which references the individual serial number, including highly individual data such as weight, material properties, greasing, assembly air and dimensions of individual components.

REAL ADDED VALUE THROUGH DIGITALIZATION

Bearing Data Service automates and accelerates conventional business processes in the value-added chain, offering huge advantages for distributors and end customers alike.

A whole new perspective – cloud-based



More transparency

The reassurance of real-time access to relevant information

- Measurement protocols and logistical information for tracking rolling bearing products in digital form – available at any time
- Traceability of individual parts in complex systems
- Opportunities for data analysis



More efficiency

The convenience of automating manual tasks

- Powerful technical infrastructure for data exchange
- Digitalization of incoming goods processes and warehousing
- Time savings due to accelerated processes (parts usage records and part assembly)



More possibilities

The freedom to take advantage of the opportunities offered by digital transformation

- Improved service of the physical product, as well as additional value-added services
- Implementation of digital business models for systematic processing and product optimization



More security

The good feeling that comes with eliminating potential sources of error

- Minimized number of manual entries thanks to machine-readable data, minimizing the risk of potential errors
- Streamlined data use thanks to direct data integration with your own systems
- Systematic analysis and error diagnosis

Find out more at:
medias.schaeffler.com



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