



How we make bearings smart

Our team of highly-motivated employees develops and produces high-tech sensor systems for your roller and slide bearings.

We have received awards for our work, such as the "Bavarian Founder Prize 2012".

What you get from us

- ☑ A bearing monitoring system that pays off.
- ☑ We advise you in how to best integrate the sensors.
- ☑ We commission the sensors together with you at your site and train your employees.
- ☑ We assist you during measurements and evaluate the measurement data for you.
- ☑ We answer your questions by email or phone, clarify remote maintenance issues and support you on site. We help you work successfully!

How we work for you

We work efficiently, applying our technical expertise according to clearly defined areas of responsibility.



Interested in BeMoS®?

If you consider using BeMoS®, just give us a call or write us an email. We will support you in any possible way.

Lars Meisenbach | CSO, CMO

Applications + Field sales

Lars Meisenbach | Dipl.-Ing. (FH)
Sebastian Stich | M. Eng., Dipl.-Ing. (FH)
Wolfgang Diller | M. Eng., Dipl.-Ing. (FH)
Eckhard Wolf | Dipl.-Ing. (FH)

In-house sales

Christine Maidhof

Applications + Services

Jens Miedl | Dipl.-Ing. (FH)
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BeMoS® CS

Precisely measure cage speed – prevent slip

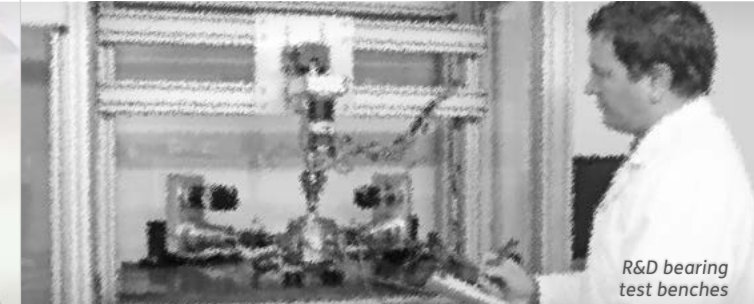


Your advantages



BeMoS® CS The Bearing Monitoring System

patented



✓ Save time and money

By increasing the service life of your bearings with BeMoS® CS and using a system for all types of roller bearings.

With BeMoS® CS you can also measure

- bearings with ceramic rolling elements,
- axial inaccessible bearings,
- sealed bearings,
- in harsh environments and
- at very slow speeds.

BeMoS® CS compared to other systems

Would you like to discover the benefits of using BeMoS® CS compared to other measuring techniques?

Find out more at

www.BestSens.com/cs_comparison

BeMoS® Sensors

generate and measure surface acoustic waves.



BeMoS® Controller

a powerful platform for real-time signal analysis.

A Measurement channels to monitor up to four bearing locations

B Status LEDs

Real-time polling of measurement data via:

- C** 4-20 mA current loops
- D** RS232, CAN bus, Modbus
- E** Ethernet
- F** Trigger

Long-term data logging via:

- G** USB mass storage



BeMoS® CS applications

- ✓ measure the exact contact angle of angular contact ball bearings
- ✓ detect preload loss
- ✓ determine axial load via the contact angle
- ✓ estimate service life by determining the axial load
- ✓ detect slip
- ✓ determine the minimum load for slip-free running

BeMoS® CS condition parameters



Cage speed



Temperature of the outer race