

BestSens AG



Who we are

We develop and produce sophisticated sensors for monitoring rolling-element bearings and plain bearings. We are a highly motivated team and won the Bavarian Start-up Award in 2012.

What we offer

A bearing monitoring system that will pay off.

How we work

Our philosophy is efficiency through expertise and clear assignments of responsibility.

How to learn more about us

Please feel free to contact us so we can arrange a meeting.

www.BestSens.com

Contact



Interested in BeMoS®?

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

Lars Meisenbach | CSO, CMO

Field sales

Lars Meisenbach | Dipl.-Ing (FH)

Sebastian Stich | M. Eng., Dipl.-Ing. (FH)

Wolfgang Diller | M. Eng., Dipl.-Ing. (FH)

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BeMoS® takes a look inside!

Save your bearing, save your money!



AR123104 Design: www.graphXarteller.com

www.BestSens.com

BestSens technology

BeMoS® takes a look inside! The Bearing Monitoring System



Key feature of BeMoS®

- Active probing of the bearing with surface acoustic waves.
- BeMoS® uses the outer race of the bearing as a sensitive element and
- allows sensing all relevant properties of bearing and lubricant.

BeMoS® Sensors

generate and measure surface acoustic waves.

BeMoS® Controller

a powerful platform for real-time signal analysis.

Your advantages

✔ Save money

BeMoS® will help you

- determine optimal lubrication intervals for your bearing,
- use resources in a sustainable fashion and
- cut your maintenance costs.

✔ Save time

You will save maintenance time because using BeMoS® means

- extending the bearing's life and
- extending the service life of your machine.

✔ Improve quality

With BeMoS® you can

- implement load-dependent process control to improve the quality of your products and
- continuously monitor the bearing load while the process is running.



State of lubrication

Relubricate your bearings to ensure proper lubrication under all operating conditions.



Axle load

Control your production process on a load-dependent basis.



Temperature of the outer race

Prevent consequential damage.



Cage speed

Detect slip.

- 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

