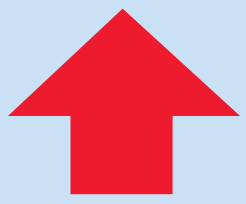


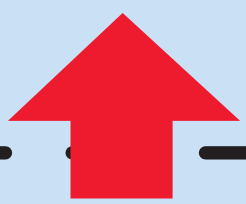
Traceability

QT - VK calibration lab

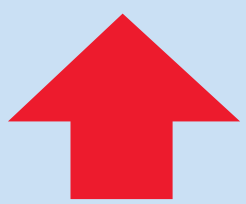
DANAK



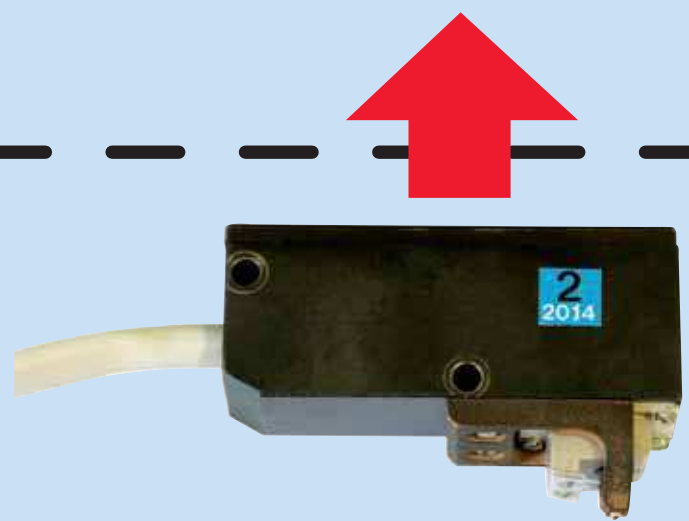
DPLA – Danish Primary Laboratory of Acoustics



Bruel & Kjaer reference accelerometer



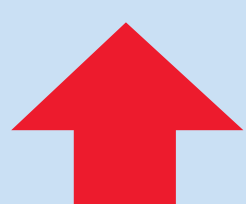
QT measuring and calibration lab



Reference pickup MEA 100



VK calibrator MEA 6/12/14



All VK equipment in SKF factories



e.g. MVH

What is a $\mu\text{m/s}$?

This (micrometers per seconds, a speed unit) is the unit used in SKF to measure vibration in bearings.

What is this QT calibration lab?

Here we guarantee you that your $\mu\text{m/s}$ are measured correctly!

This calibration lab is a link to ensure traceability of the SKF vibration and VK-waviness measuring equipment.

Why is there a QT calibration lab?

To ensure that we calibrate correctly, this lab is traceable to an international standard for vibration measurements, as required by ISO 9000. The ISO 9000 standard also requires that we keep track of all calibration measurements, in our case for at least 5 years after the date of the calibration. Naturally we do this as well.

- | | | |
|---------------------------|-----------------------|--|
| 1 Reference accelerometer | 5 Power amplifier | 9 PC + AD-board + calibration manager software |
| 2 Conditioning amplifier | 6 Shaker | 10 Multimeter |
| 3 Conditioning amplifier | 7 Ref. pickup MEA 100 | |
| 4 Wave form generator | 8 Preamplifier | |

