

MKA

Multi-Component Transducers



Three forces and three torques.
The solution for metrological problems.

- Accuracy class = 0.2
- Experience from over 250 applications
- For static and dynamic applications
- 10-year series production run
- Almost completely flexible combination of forces and torques
- Compact design and low weight



MKA Multi-Component Transducers

Properties and features

The production of the monolithic MKA series requires extreme precision in machining and manual finishing so that the forces and torques can be decoupled in the smallest possible spaces.

We vary the internal design on each of the three different sizes to meet your requirements optimally.

You will receive a 6x6 sensitivity matrix when making a calibration, which gives significant informative advantages when compared to single-axis measurement technology.



Application areas

The main application area for the MKA series is in component testing for the automotive, aircraft and general machine construction industries. Thanks to its compact design, the series can be integrated easily into existing structures.

The MKA-P series is used together with special adapters for retrofitting as a multi-component reference transducer in test machines.

If your accuracy or load capacity requirements are not met by the MKA series, then the MPF measuring platforms are available.



Versions

Each transducer is produced according to requirements. Versions with three, four or six components, pluggable or fixed cable connections and special versions are available.

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