

ACCURACY

The accuracy of the linear encoders is classified with a „± tolerance“ in µm/m (e.g. ±5 µm/m).

The accuracy refers to any meter within the measuring length.
For measuring lengths less than 1000 mm, the accuracy specification applies to the whole measuring length.

For best system accuracy, the encoder should be mounted near the measuring plane,
as parallel as possible to the machine guideway.

Example of a typical calibration chart for MSA 870:

