



1-Circle Segment 5202.80

- multi-axis positioning systems possible by simple combination of stages (e.g. with series 400, 5102, 5103)
- non-linear drive by smoothed and tempered trapezoidal spindle or optional thread-roll spindle
- roller guide surfaces made of hard-coated, highly tensile aluminium
- sliding guide surfaces made of low-friction compression-proof plastic
- use of stress-relieved, highly resilient materials guarantees high system stability and long life
- robust surfaces through galvanic natural-anodizing

Modularly individually configurable:

- with customer-specific radius
- from basic model to high-end system
- to multi-axis systems
- with customer-specific hole pattern

Specifications:

The importance of various specifications can be determined by the customer.

Some applications require high repetition stability, others a smaller sphere of error.

Please contact us. We will find the best solution for you.

Application specific versions:

- vacuum suitable
- antimagnetic
- radiation resistant
- in black

General information

The segments of this series are individually developed and produced to customer specifications.

The type of guide system used (rolling or sliding guide) is dependent on requirements (load, mounting position, etc.). Highly tensile aluminium is mainly used for the bodies of the segments. High stiffness and low weight are further characteristics of these units.

Accessories:

Step motors:	2-/3-/5-Ph. Servo/DC
Hand wheels:	0083
Gear boxes:	2083.05 2083.10 2083.20
Limit switches:	inclusive
Zero-point control:	9100
Encoder XE :	incremental absolute
Control system:	9300

The individual dimensions are determined by load, radius and mounting position requirements:

The size of the mounting surface is from 250mmx250mm for the smaller segments to 400mm x 400mm for the larger segments.