DKA02 | Fine adjustment of spindles in the micrometer range











New miniature control knob with integrated gear and analog scale

Positioning of spindles, exact setting of valves, reproducible adjustment of stroke lengths on dosing pumps, or manual regulation of flow rates: As the leading supplier of mechanical position indicators, SIKO has developed an innovative control knob with an integrated analog indicator for these typical process engineering tasks.

The miniature positioning knob type DKA02 has a toothed differential gear which transmits the turning motion of the control knob to the indicator at a fixed transmission ratio. This allows display of adjustment ranges of up to 26 revolutions, regardless of the mounting position.

Use of an additional fine scale permits setting accuracy into the micrometer range. The compact push-fit unit offers a large viewing window for easy reading of adjustment values.

Key benefits

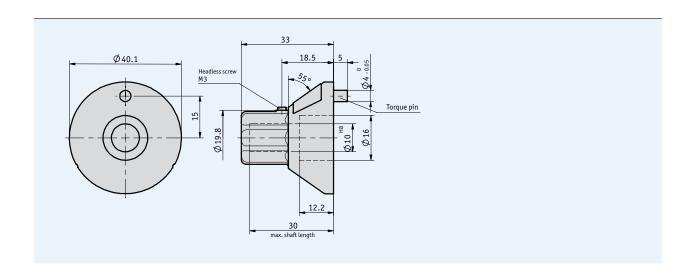
- control knob with integrated position indicator
- customized special scaling
- reproducible spindle settings
- any mounting position
- good readability due to large viewing window in user direction



Features DKA02

- miniature adjustment knob with analog display
- hollow shaft diameter of max. 10 mm
- adjustment range up to 26 revolutions (i = 26)
- fine scaling as an option
- normal scales or customer-specific scales, customized printing possible
- exactly reproducible settings
- mounting position at will





Individual scales

Besides normal scales, the use of custom-imprinted scales, in particular, extends the application range of mechanical adjustment knobs. We look forward to receiving your particular request.





Monochrome normal scale for 26 revolutions and special scales made to customer's own design – a sketch suffices in most cases.



Example 1: Imprinted in 3 colors and designed for 18 revolutions.



Example 2: Non-linear scanning, imprinted in 3 colors and designed for 22 revolutions

Mechanical control knobs

A product family that always fits the bill – versatile, extremely user-friendly models, with the option of analog or digital position indicators and an integrated adjustment element. SIKO's control knobs perform positioning tasks with great precision. Their compact size also allows simple mounting and operation in very space-constrained situations.

DK01

- front display
- ergonomic star wheel
- 4-digit digital display
- hollow shaft up to 14 mm



DK03

- front display
- ergonomic star wheel
- customized analog scales
- hollow shaft up to 14 mm



DK02

- lateral display, two orientations (positions) available
- ergonomic star wheel
- 4-digit digital display
- hollow shaft up to 14 mm



DK05

- fFront display with optical magnifying function
- 4-digit digital display
- hollow shaft up to 10 mm
- four possible mounting positions



Application-proven functionality

Mechanical control knobs with integrated position indicator are the perfect solution for close-mount industrial applications. They allow simple, precise settings for positioning adjustment spindles and for use in process and drive engineering.







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