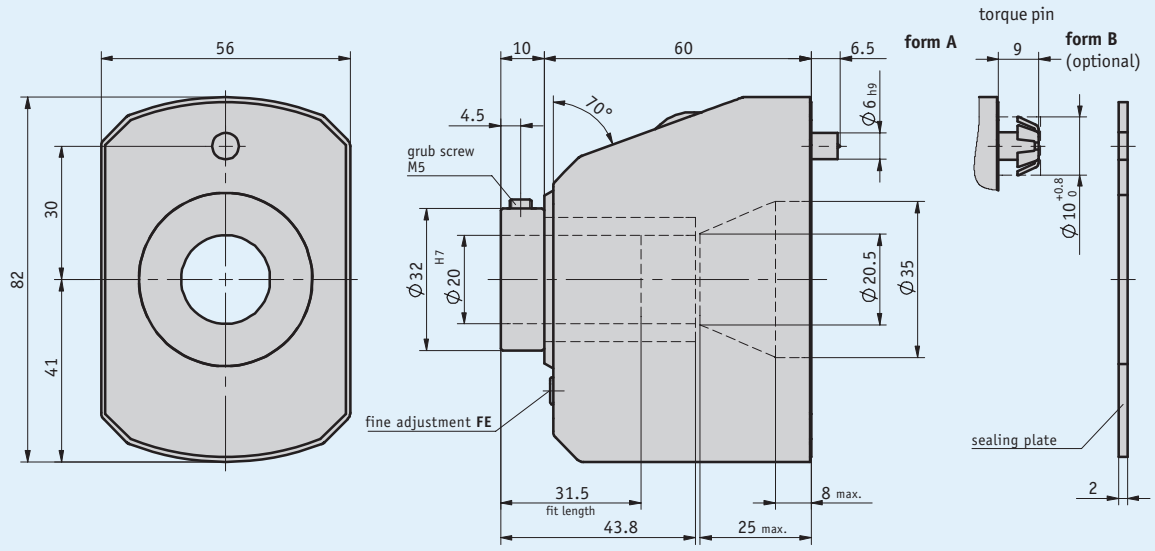
# Digital position indicator DA05/1
## With fine adjustment

### Profile

- Robust design in a metal housing
- Hollow shaft, max. Ø 20 mm
- Counter with 5 decades and fine reading
- Display can be designed for “mm” or “inch”
- Attenuated counter system
- Fine setting for correction of dimensions
- Reversible counting direction






### Mechanical data

| Feature | Technical data | Additional information |
|---|---|---|
| Housing | zinc die-cast | |
| Counter | 5 decades, fine reading | |
| Digit height | ~7 mm | |
| Weight | 0.5 kg | |

- **max. speed**

| Display (after 1st revolution) | max. speed [rpm] |
|---|---|
| 00010 | 500 (1500) |
| 00015 | 500 (1000) |
| 00020 | 500 (750) |
| 00025 | 500 (600) |
| 00030 | 500 |
| 00040 | 375 |
| 00050 | 300 |
| 00060 | 250 |
| 00080 | 180 |
| 00100 | 150 |

**Formula:**

$$\text{max. speed} = \frac{15000}{\text{indication after 1st revolution}}$$

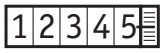
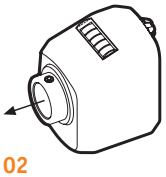
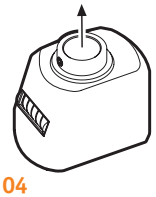
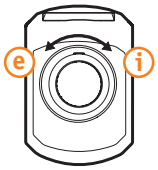
*Speeds >500 rpm must only be run for short periods.*

## Ambient conditions

| Feature | Technical data | Additional information |
|---|---|---|
| Ambient temperature | 0 ... 80 °C | |

## Order

### Ordering information

| Display | Mounting position | | Counting direction |
|---|---|---|---|
|  |  02 |  04 |  |

Hint: Texts highlighted in orange color are ordering features

### Ordering table

| Feature | Ordering data | | Specification | Additional information |
|---|---|---|---|---|
| Mounting position | ... | A | 02, 04 | see the icons illustrating the mounting positions |
| Indication after 1st revolution | ... | B | 10, 15, 20, 25, 30, 40, 50, 60, 80, 100 | |
| | | | others on request | |
| Decimal place | 0 | C | 0 = 00000 | |
| | 1 | | 1 = 0000.0 | |
| | 2 | | 2 = 000.00 | |
| | 3 | | 3 = 00.000 | |
| | 4 | | 4 = 0.0000 | |
| Counting direction | i | D | clockwise ascending values | |
| | e | | counter-clockwise ascending values | |
| | e/i | | can be adjusted by the customer | by opening the housing, see mounting instructions |
| Hollow shaft/diameter | ... | E | 20 in mm | |
| | ... | | RH8, RH10, RH12, RH14, RH16, RH18 | reducing bushes |
| Color | 0 | F | orange RAL 2004 | |
| | S | | black RAL 9005 | |
| Fine adjustment | FE | G | with fine adjustment | |
| | OFE | | without fine graduation | |
| Slipping clutch | RK | H | with sliding clutch | only with fine adjustment "FE" |
| | ORK | | without sliding clutch | only with fine adjustment "OFE" |
| Labyrinth seal | OLD | I | without labyrinth seal | |
| | LD | | with labyrinth seal | |

### Order key

DA05/1 - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [A] - [ ]
A B C D E F G H I

***Scope of delivery:*** *DA05/1, Mounting instructions*

***Accessories:***
*Reduction sleeve RH* *www.siko-global.com*

subject to technical alteration • 2017/12/06 • 09:11