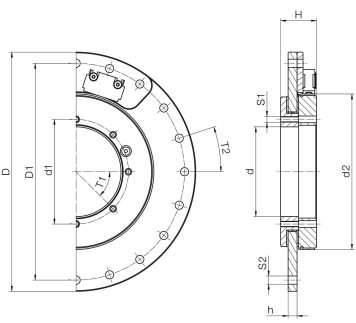
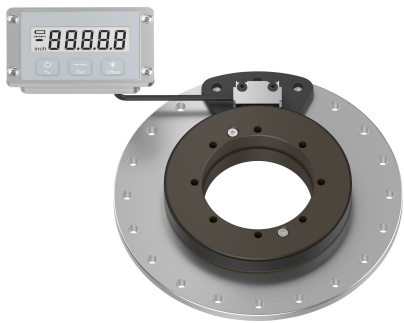


iglidur® slewing ring, PRT-04, angle measurement  
for slewing ring made from aluminium

PRT-04-60-AM



iglidur® slewing ring, PRT-04, angle  
measurement for slewing ring made from  
aluminium

- For PRT-04
- 0.1° accuracy
- External screen included
- Lightweight construction
- Ready-to-install measuring system

|      |           |
|------|-----------|
| Ø d2 | 104 mm    |
| S2   | 4,5 (H13) |
| D    | 150 mm    |
| D1   | 135 mm    |
| H    | 24 mm     |
| S1   | M4        |
| K1   | 4.5 (H13) |
| T1   | 8 x 45 °  |
| T2   | 8 x 45 °  |
| d1   | 70 mm     |
| d    | 60 mm     |
| h    | 6 mm      |

Product description

Introducing the iglidur® PRT-04 Slewing Ring, a lightweight and ready-to-install measuring system designed for precision. This innovative product features lubrication-free, dry operation with maintenance-free sliding elements made from tribologically optimized iglidur® materials. It accurately measures pivoting and rotation angles of +/- 999 degrees, displayed on an external screen with 0.1-degree accuracy. Crafted from hard anodized aluminium, the PRT-04 combines durability with efficiency for your projects.

Requirements

|                      |    |
|----------------------|----|
| FDA compliant        | No |
| EU 10/2011 compliant | No |

Thermal properties

|                                        |        |
|----------------------------------------|--------|
| Max. long-term application temperature | 90 °C  |
| Lower application temperature          | -50 °C |



## Mechanical properties

|                                  |         |
|----------------------------------|---------|
| Axial load, static               | 14000 N |
| Axial load, dynamic              | 4000 N  |
| Radial load, static              | 3000 N  |
| Radial load, dynamic             | 900 N   |
| Rotating speed dry running [rpm] | 190     |
| max. permissible tilt moment     | 250 Nm  |

## General properties

|                  |           |
|------------------|-----------|
| Weight           | 720.533 g |
| Housing material | aluminium |

## Dimensions

|      |           |
|------|-----------|
| H    | 24 mm     |
| D    | 150 mm    |
| D1   | 135 mm    |
| d1   | 70 mm     |
| d    | 60 mm     |
| Ø d2 | 104 mm    |
| h    | 6 mm      |
| T1   | 8 x 45 °  |
| T2   | 8 x 45 °  |
| S1   | M4        |
| S2   | 4,5 (H13) |
| K1   | 4.5 (H13) |