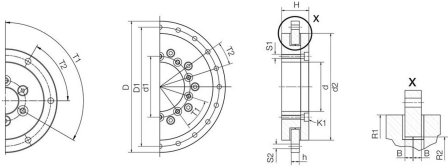


iglidur® slewing ring, PRT-01, aluminium housing,  
sliding elements made from iglidur® J

PRT-01-50



iglidur® slewing ring, PRT-01, aluminium  
housing, sliding elements made from iglidur® J

- Completely maintenance-free
- Easy to install and replaceable sliding pads
- High wear resistance
- For very high loads and high stiffness
- Aluminium housing
- Replaceable, maintenance-free sliding elements made of iglidur® J (standard)

|      |             |
|------|-------------|
| R1   | 60 mm       |
| B    | 4.5 mm      |
| Ø d2 | 120 mm      |
| S2   | 6,6         |
| D    | 150 mm      |
| D1   | 135 mm      |
| H    | 33 mm       |
| S1   | M6          |
| K1   | ISO 4762 M6 |
| R2   | 46.5 mm     |
| T1   | 8 x 45 °    |
| T2   | 16 x 22,5 ° |
| d1   | 65 mm       |
| d    | 50 mm       |
| h    | 10 mm       |

Product description

Introducing the iglidur® PRT-01 slewing ring, featuring a lightweight aluminium housing and innovative sliding elements made from iglidur® J. This robust and durable bearing is designed for high loads while ensuring lubrication-free, dry operation. Enjoy a low coefficient of friction and easy installation with replaceable, maintenance-free sliding pads. Perfect for applications requiring high wear resistance and stiffness, the PRT-01 is your go-to solution for reliable performance.

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               | 40000 N |
| Axial load, dynamic              | 10000 N |
| Radial load, static              | 8000 N  |
| Radial load, dynamic             | 2500 N  |
| Rotating speed dry running [rpm] | 200     |
| max. permissible tilt moment     | 600 Nm  |

## General properties

|                  |           |
|------------------|-----------|
| Weight           | 1074 g    |
| Housing material | aluminium |

## Dimensions

|              |                              |
|--------------|------------------------------|
| H            | 33 mm                        |
| D            | 150 mm                       |
| D tolerance  | according to DIN ISO 2768 mK |
| D1           | 135 mm                       |
| d1           | 65 mm                        |
| d            | 50 mm                        |
| Ø d2         | 120 mm                       |
| d2 tolerance | ±0,20 mm                     |
| h            | 10 mm                        |
| T1           | 8 x 45 °                     |
| T2           | 16 x 22,5 °                  |
| S1           | M6                           |
| S2           | 6,6                          |
| K1           | ISO 4762 M6                  |
| R1           | 60 mm                        |
| R2           | 46.5 mm                      |
| B            | 4.5 mm                       |