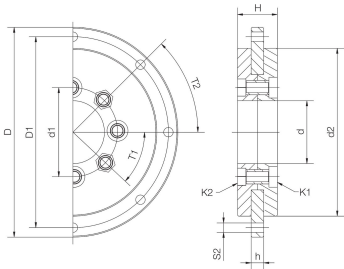


iglidur® slewing ring, PRT-02, outer ring made from hard anodised aluminium, inner ring made from iglidur® J4

PRT-02-20-AL



iglidur® slewing ring, PRT-02, outer ring made from hard anodised aluminium, inner ring made from iglidur® J4

- Slewing rings with extremely low weight
- Outer ring made of hard anodised aluminium
- Inner rings made from iglidur® J4
- Completely maintenance-free
- Easy installation
- High wear resistance
- For very high loads and high stiffness

Ø d2	60 mm
S2	4,5
D	80 mm
D1	70 mm
H	16 mm
K1	DIN 6912 M5
K2	ISO 4035 M5
T1	6 x 60 °
T2	6 x 60 °
d1	31 mm
d	20 mm
h	5 mm

Product description

Introducing the iglidur® PRT-02 slewing ring, designed for lubrication-free and dry operation. This lightweight bearing features a hard anodised aluminium outer ring, providing enhanced stability and the ability to absorb larger tilting moments. With its maintenance-free sliding elements made from iglidur® J4, it ensures high wear resistance and easy installation. Ideal for applications requiring high loads and stiffness, the PRT-02 is a cost-effective solution for your needs.

Requirements

FDA compliant	No
EU 10/2011 compliant	No

Thermal properties

Max. long-term application temperature	60 °C
Lower application temperature	-50 °C



Mechanical properties

Axial load, static	13000 N
Axial load, dynamic	4000 N
Radial load, static	2000 N
Radial load, dynamic	500 N
Rotating speed dry running [rpm]	250
max. permissible tilt moment	60 Nm

General properties

Weight	207.11 g
Housing material	aluminium
Inner ring material	iglidur® J4

Dimensions

H	16 mm
D	80 mm
D tolerance	according to DIN ISO 2768 mK
D1	70 mm
d1	31 mm
d	20 mm
Ø d2	60 mm
d2 tolerance	±0,20 mm
h	5 mm
T1	6 x 60 °
T2	6 x 60 °
S2	4,5
K1	DIN 6912 M5