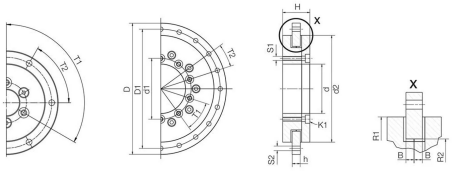
iglidur® slewing ring, PRT-01, aluminium housing, sliding elements made from iglidur® J

PRT-01-20



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	30 mm
B	3.5 mm
Ø d2	60 mm
S2	4,5 (H13)
D	80 mm
D1	70 mm
H	24 mm
S1	M4
K1	DIN 7984 M4
R2	20 mm
T1	6 x 60 °
T2	6 x 60 °
d1	31 mm
d	20 mm
h	8 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	15000 N
Axial load, dynamic	4000 N
Radial load, static	2300 N
Radial load, dynamic	600 N
Rotating speed dry running [rpm]	300
max. permissible tilt moment	100 Nm

General properties

Weight	279.9 g
Housing material	aluminium

Dimensions

H	24 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	8 mm
T1	6 x 60 °
T2	6 x 60 °
S1	M4
S2	4,5 (H13)
K1	DIN 7984 M4
R1	30 mm
R2	20 mm
B	3.5 mm