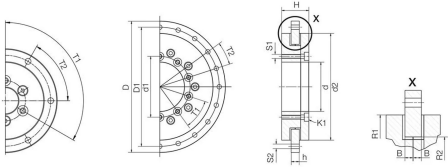


iglidur® slewing ring, PRT-01, aluminium housing,
sliding elements made from iglidur® H1

PRT-01-20-H1



iglidur® slewing ring, PRT-01, aluminium
housing, sliding elements made from iglidur®
H1

- 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® H1 for temperatures up to +180°C

R1	30 mm
B	3.5 mm
Ø d2	60 mm
S2	4,5
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® slewing ring PRT-01, featuring a robust aluminium housing and sliding elements crafted from iglidur® H1. This innovative product is completely maintenance-free and designed for easy installation with replaceable sliding pads. It boasts high wear resistance, making it ideal for handling very high loads and ensuring exceptional stiffness. Withstanding temperatures up to +180°C, the PRT-01 is the perfect solution for your demanding applications.

Requirements

FDA compliant	No
EU 10/2011 compliant	No

Thermal properties

Max. long-term application temperature	180 °C
Lower application temperature	-40 °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	196.926 g
Housing material	aluminium
M4 thread (mounting ring)	No
Large mounting ring	No
Spacer mounting ring	No
DrivePin	No
Slot nut profile	No

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
K1	DIN 7984 M4
R1	30 mm
R2	20 mm
B	3.5 mm