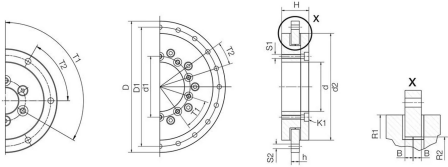


iglidur® slewing ring, PRT-01, aluminium housing,
sliding elements made from iglidur® J

PRT-01-100



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	80 mm
B	5.5 mm
Ø d2	160 mm
S2	5,5
D	185 mm
D1	170 mm
H	34 mm
S1	M5
K1	ISO 4762 M5
R2	69 mm
T1	12 x 30 °
T2	16 x 22,5 °
d1	112 mm
d	100 mm
h	12 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	55000 N
Axial load, dynamic	16000 N
Radial load, static	16000 N
Radial load, dynamic	5000 N
Rotating speed dry running [rpm]	150
max. permissible tilt moment	1500 Nm

General properties

Weight	1394.7 g
Housing material	aluminium

Dimensions

H	34 mm
D	185 mm
D tolerance	according to DIN ISO 2768 mK
D1	170 mm
d1	112 mm
d	100 mm
Ø d2	160 mm
d2 tolerance	±0,20 mm
h	12 mm
T1	12 x 30 °
T2	16 x 22,5 °
S1	M5
S2	5,5
K1	ISO 4762 M5
R1	80 mm
R2	69 mm
B	5.5 mm