

iglidur® slewing ring, PRT-01, manual clamping
with slewing ring made of aluminum

PRT-01-20-HK



iglidur® slewing ring, PRT-01, manual clamping with slewing ring made of aluminum

- 10 Nm holding torque can be achieved with max. 1 Nm tightening torque
- Clamp the slewing ring quickly and easily
- Universal sliding elements made of iglidur® J

Product description

Discover the iglidur® PRT-01 slewing ring, designed for quick and easy manual clamping. Made from durable anodized aluminum, this ready-to-install bearing ensures lubricant-free dry running with its innovative sliding elements crafted from iglidur® J material. Achieve a holding torque of 10 Nm with just 1 Nm of tightening torque. Perfect for various applications, this slewing ring is part of an extensive modular system, offering versatility and reliability for your projects.

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	222.824 g
Housing material	aluminium

Dimensions

H	24 mm
D	80 mm
D1	70 mm
d1	31 mm
d	20 mm
Ø d2	60 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