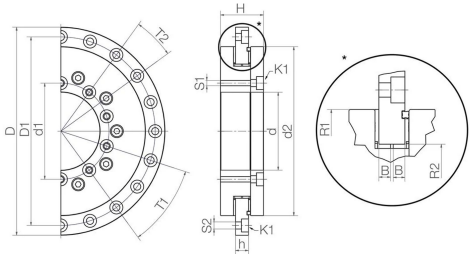


iglidur® slewing ring, PRT-04 standard with M4 thread in mounting ring, aluminium housing, sliding elements made of iglidur® J

PRT-04-50-M4



iglidur® slewing ring, PRT-04 standard with M4 thread in mounting ring, aluminium housing, sliding elements made of iglidur® J

- M4 thread in mounting ring
- Particle emission test in the Fraunhofer IAF-compliant cleanroom laboratory
- Easy replacement and extension: modular construction kit design

Ø d2	90 mm
S2	M4
D	110 mm
D1	100 mm
H	16 mm
S1	M4
K1	Ø4.5
T1	8 x 45 °
T2	8 x 45 °
d1	60 mm
d	50 mm
h	6 mm

Product description

Introducing the iglidur® PRT-04 Slewing Ring, designed for lubrication-free, dry operation. This lightweight, hard anodised aluminium housing features an M4 thread in the mounting ring for versatile installation options. With sliding elements made of iglidur® J, it offers low friction, moisture resistance, and excellent chemical durability. Ideal for cleanroom applications, this modular system is 60% lighter and 50% more compact than previous models, ensuring efficient performance without maintenance.

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	12000 N
Axial load, dynamic	3000 N
Rotating speed dry running [rpm]	200
max. permissible tilt moment	200 Nm

General properties

Weight	223.7 g
Housing material	aluminium
M4 thread (mounting ring)	Yes
Large mounting ring	No
Spacer mounting ring	No
DrivePin	No
Slot nut profile	No

Dimensions

H	16 mm
D	110 mm
D1	100 mm
d1	60 mm
d	50 mm
Ø d2	90 mm
h	6 mm
T1	8 x 45 °
T2	8 x 45 °
S1	M4
S2	M4
K1	Ø4.5