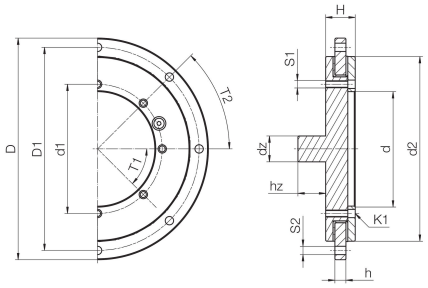
iglidur® slewing ring, PRT-04 standard with assembled drive pin, aluminium body, sliding elements made from iglidur® J

PRT-04-50-DP



iglidur® slewing ring, PRT-04 standard with assembled drive pin, aluminium body, sliding elements made from iglidur® J

- Easy replacement and extension: modular construction kit design
- Easy drive pin for couplings
- Wear-resistant and maintenance-free iglidur® J sliding elements

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	52 mm
h	6 mm

Product description

Introducing the iglidur® PRT-04 slewing ring, designed for flexibility and ease of use. This standard model features a lightweight aluminium body and maintenance-free sliding elements made from iglidur® J, ensuring smooth, dry operation. With an integrated drive pin for direct motor connection and a modular design for easy replacement and extension, the PRT-04 is perfect for various applications, including cleanrooms. Experience reliable performance with minimal particle emission.

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

Dimensions

H	16 mm
D	110 mm
D1	100 mm
d1	60 mm
d	52 mm
Ø d2	90 mm
h	6 mm
T1	8 x 45 °
T2	8 x 45 °
S1	M4
S2	M4
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