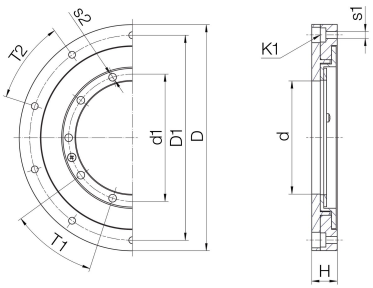
iglidur® slewing ring, PRT-03, aluminium body, sliding element made from POM

PRT-03-80



iglidur® slewing ring, PRT-03, aluminium body, sliding element made from POM

- Low-cost
- Maintenance-free and lubrication-free
- Cost-effective and lightweight
- Low installation space
- Ready-to-fit
- Easy to install and replaceable sliding pads
- For very high loads and high stiffness

S2	5,5
D	160 mm
D1	145 mm
H	18 mm
S1	M6
K1	DIN 7984 M5
T1	10 x 36 °
T2	10 x 36 °
d1	90 mm
d	80 mm

Product description

Introducing the iglidur® slewing ring PRT-03, crafted with a durable aluminium body and sliding elements made from POM. This lightweight and cost-effective solution is designed for high loads and offers exceptional stiffness. Enjoy the benefits of a maintenance-free and lubrication-free experience, with easy installation and replaceable sliding pads. Perfect for projects with limited installation space, the PRT-03 is ready to fit and built to last.

Requirements

FDA compliant	No
EU 10/2011 compliant	No

Thermal properties

Max. long-term application temperature	60 °C
Lower application temperature	0 °C

Mechanical properties

Axial load, static	4000 N
Axial load, dynamic	1000 N
Rotating speed dry running [rpm]	120
max. permissible tilt moment	120 Nm

General properties

Weight	472.49 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	18 mm
D	160 mm
D tolerance	according to DIN ISO 2768 mK
D1	145 mm
d1	90 mm
d	80 mm
T1	10 x 36 °
T2	10 x 36 °
S1	M6
S2	5,5
K1	DIN 7984 M5