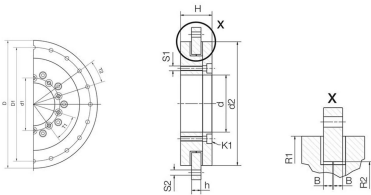


iglidur® slewing ring, PRT-01, with enlarged outer ring

PRT-01-100-M-ARG



iglidur® slewing ring, PRT-01, with enlarged outer ring

- Slewing ring bearing with enlarged outer ring
- Completely maintenance-free
- Easy to install and replaceable sliding pads
- High wear resistance
- For very high loads and high stiffness

R1	80 mm
B	5.5 mm
Ø d2	160 mm
S2	5,5
D	205 mm
D1	185 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
Hole type (slewing ring)	Standard bore
d	100 mm
h	12 mm

Product description

Introducing the iglidur® slewing ring PRT-01, designed with an enlarged outer ring for enhanced performance. This maintenance-free bearing is easy to install and features replaceable sliding pads for convenience. Built to withstand very high loads and offer exceptional stiffness, it ensures high wear resistance for long-lasting durability. Perfect for applications requiring reliability and strength, the PRT-01 is your go-to solution for seamless operation.

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	1466.86 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	34 mm
D	205 mm
D tolerance	according to DIN ISO 2768 mK
D1	185 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