general data/description

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article B 71907 E T 2RSD U L P4S BI4 **Art-No.** 49802

brand SKA **weight/kg** 0.073

remark The tolerances and the load rating and rotation speed information refer to the single bearing. The valid factors for bearing sets must be observed. In case of doubt, contact the technical service of SKA.

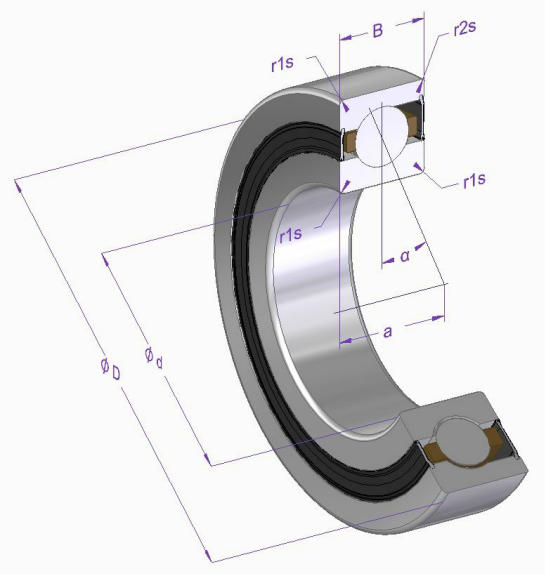
description

B	Design
71907	Size
E	Pressure angle
T	Hard tissue cage
2RSD	Sealing washers on both sides, not touching
U	Universally pairable
L	Slight preload
P4S	Tolerance class

greasing

BI4	KLÜBER ISOFLEX NBU 15

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	35	0 / -6	620-2
D	nominal outer diameter	55	0 / -7	620-2
B	width	10	0 / -120	620-2
r1s min.	minimal chamfer dimension	0.6		628-6
r2s min.	minimal chamfer dimension	0.15		628-6
a	load application point	~15.5		
alpha	contact angle	25°		
Fv	pretension [N]	60		
c	axial stiffness [N/µm]	72.9		
KaE	Lift-off force [N]	174		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	11500	680	281	6500	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		24000	

operating temperature	max. [°C]	min. [°C]
	120	-20

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material specification

description	material	DIN/ISO	hardness
Inner ring	100Cr6	683-17	58-65
Outer ring	100Cr6	683-17	58-65
Balls	100Cr6	683-17	58-65
Cage	PF		
Sealing washers	St12/NBR		

All information in this document was provided and checked carefully. Nevertheless, we can not assume any liability for incomplete or faulty information.