Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

article B 71905 E T 2RSD U L P4S BI4 **Art-No.** 50586

brand SKA **weight/kg** 0.043

remark Tolerance class P4S: dimensional accuracy P4, running accuracy P2, according DIN 620-2.

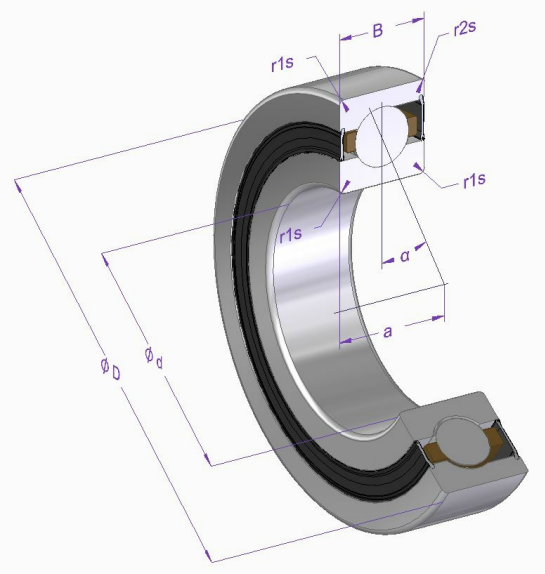
description

B	Design
71905	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	25	0 / -5	620-2
D	nominal outer diameter	42	0 / -6	620-2
B	width	9	0 / -120	620-2
r1s min.	minimal chamfer dimension	0.3		616
r2s min.	minimal chamfer dimension	0.3		616
a	load application point	12.3		
alpha	contact angle	25°		
Fv	pretension [N]	41		
c	axial stiffness [N/µm]	54.1		
KaE	Lift-off force [N]	115		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	7600	380	281	3600	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		32000	

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

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

article B 71905 E T 2RSD U L P4S BI4 **Art-No.** 50586

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.