Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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article B 71908 E T U L P4S BI4 **Art-No.** 51911

brand SKA **weight/kg** 0.107

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

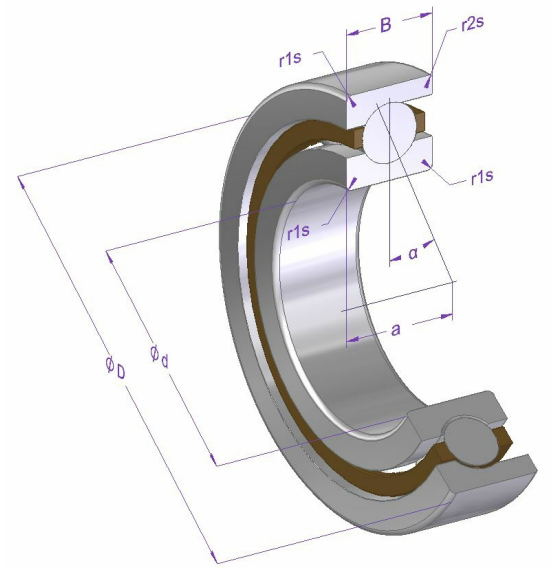
description

B	Design
71908	Size
E	Pressure angle
T	Hard tissue cage
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	40	0 / -6	620-2
D	nominal outer diameter	62	0 / -7	620-2
B	width	12	0 / -120	620-2
r1s min.	minimal chamfer dimension	0.6		616
r2s min.	minimal chamfer dimension	0.6		
a	load application point	~17.9		
alpha	contact angle	25°		
E dT	Diameter injection pitch	49.1		
Fv	pretension [N]	111		
c	axial stiffness [N/µm]	91.3		
KaE	Lift-off force [N]	324		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	17100	990	281	9400	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		20000	32000

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		

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