Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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article B 71908 C T P4S UL **Art-No.** 50490

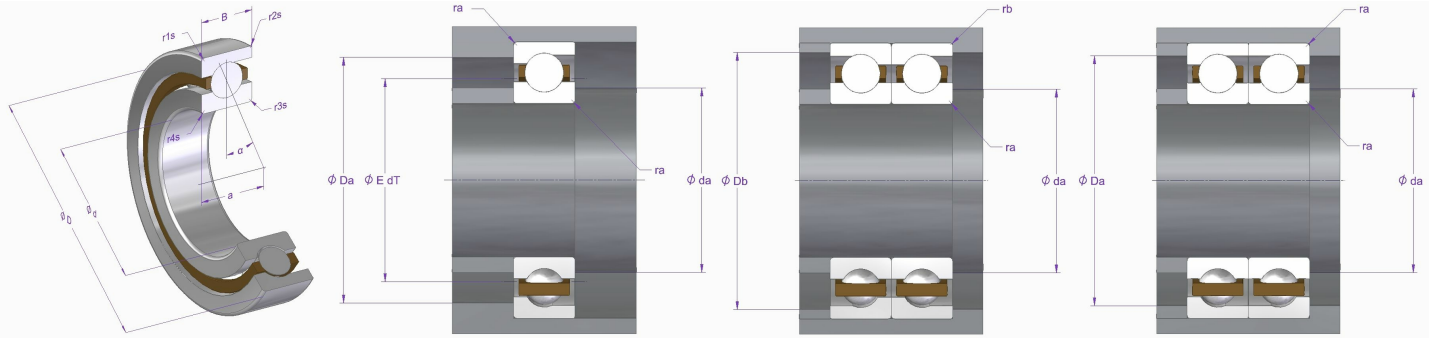
brand SKA **weight/kg** 0.107

remark Tolerance class P4S: dimensional accuracy P4, running accuracy P2, according DIN 620-2. 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
71908	Size
C	Pressure angle
T	Hard tissue cage
P4S	Tolerance class
UL	Universally pairable, Slight preload

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		628-6
r2s min.	minimal chamfer dimension	0.6		WERKSNORM
r3s min.	minimal chamfer dimension	0.6		628-6
r4s min.	minimal chamfer dimension	0.6		628-6
alpha	contact angle	15°		628-6
a	load application point	~12.8		
da	mounting dimension	44	0 / 1000	WERKSNORM
Da	mounting dimension	58.5	0 / 1200	WERKSNORM
ra max.	mounting dimension	0.6		5418
db	mounting dimension	44	0 / 1000	WERKSNORM
Db max.	mounting dimension	59.5		WERKSNORM
rb max.	mounting dimension	0.15		5418
Fv	pretension [N]	84		
c	axial stiffness [N/µm]	41		
KaE	Lift-off force [N]	259		
E dT	Diameter injection pitch	48.2	0 / 500	WERKSNORM

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	19500	717	281	13800	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		24000	36000

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	58-66
Cage	PF		

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