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general data/description

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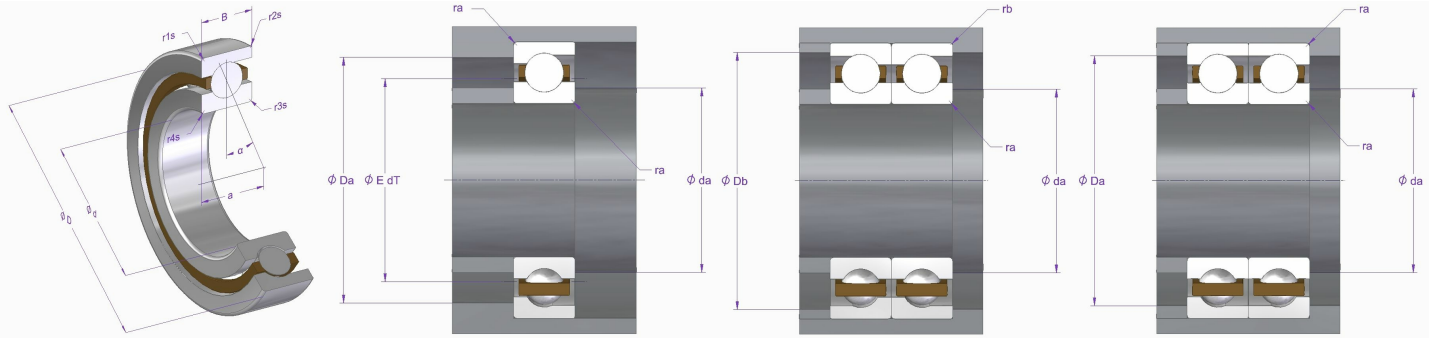
article B 71907 C T P4S UL **Art-No.** 46804 **brand** SKA **weight/kg** 0.073

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
71907	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	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
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	~11		
da	mounting dimension	39.8	0 / 200	WERKSNORM
Da	mounting dimension	51.5	0 / 300	WERKSNORM
ra max.	mounting dimension	0.6		628-6
db	mounting dimension	39.8	0 / 200	WERKSNORM
Db max.	mounting dimension	52.5		WERKSNORM
rb max.	mounting dimension	0.1		628-6
Fv	pretension [N]	50		
c	axial stiffness [N/µm]	33.5		
KaE	Lift-off force [N]	155		
E dT	Diameter injection pitch	42.4	0 / 900	WERKSNORM

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	13000	494	281	9490	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		26000	40000

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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