general data/description

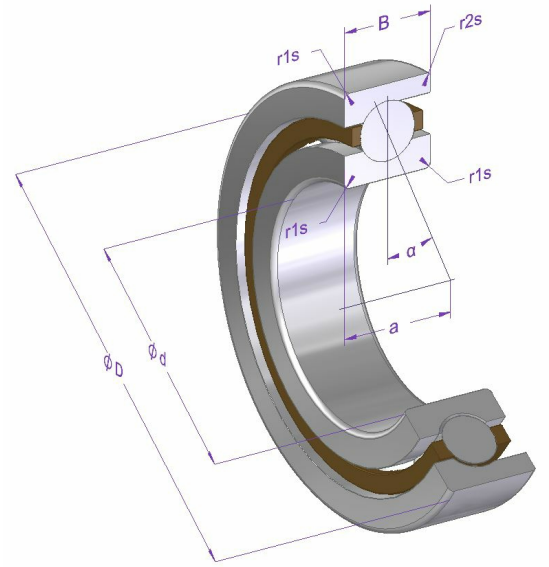
created: 04.07.2019 / 01 page: 1 / 2

article B 71805 C T U L P4S **Art-No.** 50548 **brand** SKA **weight/kg** 0.02

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

description	
B	Design
71805	size
C	Pressure angle
T	Hard tissue cage
U	Universally pairable
L	Slight preload
P4S	Tolerance class

dimensions and tolerances



dimension	**Description**	**[mm]**	**tolerance [µm]**	**DIN/ISO**
d	nominal inner diameter	25	0 / -5	620-2
D	nominal outer diameter	37	0 / -6	620-2
B	width	7	0 / -120	620-2
r1s min.	minimal chamfer dimension	0.3		616
r2s min.	minimal chamfer dimension	0.1		616
a	load application point	~7.7		
alpha	contact angle	15°		
Fv	pretension [N]	16		
c	axial stiffness [N/µm]	19.5		
KaE	Lift-off force [N]	49		

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**	**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	4150	165	281	3200	76

speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**
		35000	52000

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

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