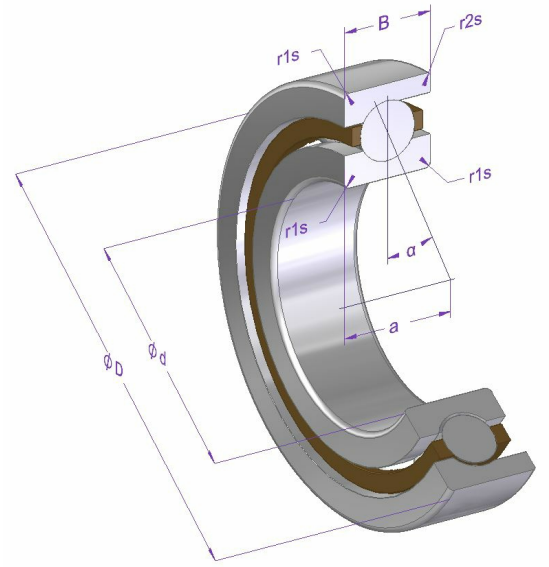
general data/description

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article B 71800 C T U L P4 **Art-No.** 50720 **brand** SKA **weight/kg** 0.005

description	
B	Design
71800	Size
C	Pressure angle
T	Hard tissue cage
U	Universally pairable
L	Slight preload
P4	Tolerance class

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	10	0 / -4	620-2
D	nominal outer diameter	19	0 / -5	620-2
B	width	5	0 / -40	620-2
r1s min.	minimal chamfer dimension	0.3		616
r2s min.	minimal chamfer dimension	0.1		WERKSNORM
a	load application point	4.4		
alpha	contact angle	15°		
E dT min.	Minimum diameter injection pitch	13.3		
E dT max.	Maximum diameter injection pitch	13.6		
Fv	pretension [N]	7		
c	axial stiffness [N/µm]	9.3		
KaE	Lift-off force [N]	21		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	1990	55	281	1060	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		75000	120000

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		

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

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