Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

general data/description

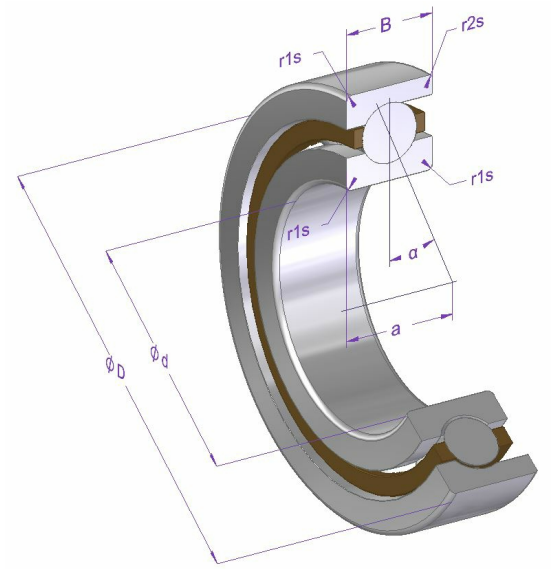
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article B 71913 E T U M P4S **Art-No.** 47914 **brand** SKA **weight/kg** 0.21

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

description	
B	Design
71913	Size
E	Pressure angle
T	Hard tissue cage
U	Universally pairable
M	Medium preload
P4S	Tolerance class

dimensions and tolerances



dimension	**Description**	**[mm]**	**tolerance [µm]**	**DIN/ISO**
d	nominal inner diameter	65	0 / -7	620-2
D	nominal outer diameter	90	0 / -8	620-2
B	width	13	0 / -150	620-2
r1s min.	minimal chamfer dimension	1		616
r2s min.	minimal chamfer dimension	1		WERKSNORM
a	load application point	24.6		
alpha	contact angle	1		
Fv	pretension [N]	613		
c	axial stiffness [N/µm]	213		
KaE	Lift-off force [N]	1837		

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**	**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	23000	1180		22600	

speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**
		13000	20000

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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