general data/description

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article HCB 71915 E T 2RSD DU L P4S BS2 **Art-No.** 50963

brand SKA **weight/kg** 0.355

remark 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.

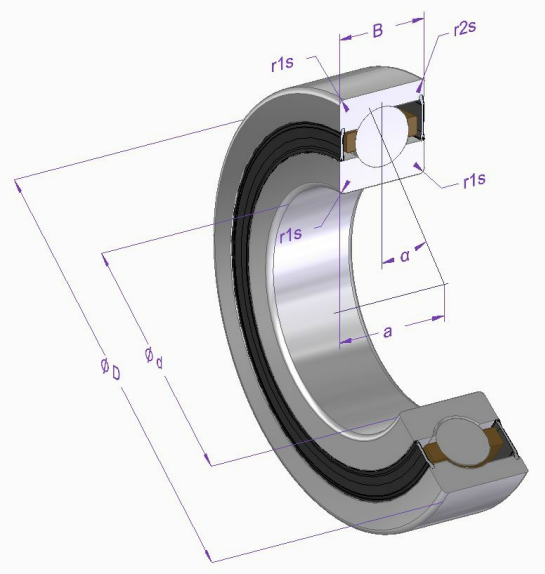
description

HCB	Design
71915	size
E	Pressure angle
T	Hard tissue cage
2RSD	Sealing washers on both sides, not touching
DU	Bearing-set
L	Slight preload
P4S	Tolerance class

greasing

BS2	KLÜBER SPEED BF 72-22

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	75	0 / -7	620-2
D	nominal outer diameter	105	0 / -8	620-2
B	width	16	0 / -150	620-2
r1s min.	minimal chamfer dimension	1		WERKSNORM
r2s min.	minimal chamfer dimension	1		WERKSNORM
a	load application point	29		
alpha	contact angle	25°		
Fv	pretension [N]	95		
c	axial stiffness [N/µm]	128		
KaE	Lift-off force [N]	273		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	33000	1770	281	21900	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		16000	

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	Si3N4		
Cage	PF		
Sealing washers	Sheet steel/NBR		

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