general data/description

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article HC 7006 E T 2RSD U L P4S BS2 **Art-No.** 52753

brand SKA **weight/kg** 0.11

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

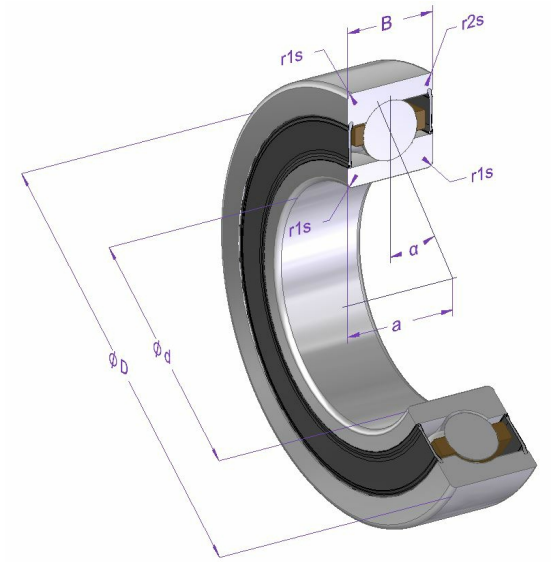
description

HC	Design
7006	Size
E	Pressure angle
T	Hard tissue cage
2RSD	Sealing washers on both sides, not touching
U	Universally pairable
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	30	0 / -5	620-2
D	nominal outer diameter	55	0 / -7	620-2
B	width	13	0 / -120	620-2
r1s min.	minimal chamfer dimension	1		628-6
r2s min.	minimal chamfer dimension	1		WERKSNORM
alpha	contact angle	25°		
a	load application point	~16.4		
Fv	pretension [N]	36		
c	axial stiffness [N/µm]	60.4		
KaE	Lift-off force [N]	103		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	9400	220	281	4270	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		42000	

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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