Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

created: 30.11.2020 / 02

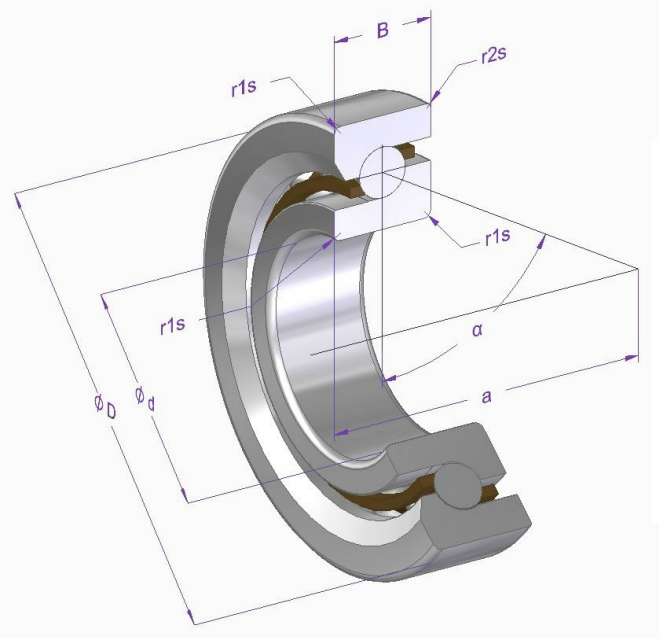
article BSB 030062 TN P4 **Art-No.** 51450 **brand** SKA **weight/kg** 0.224

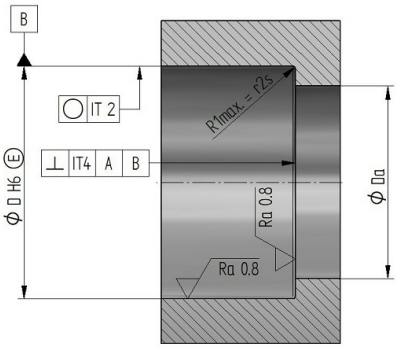
remark Axial requiered locknut force 11080 N - Axial rigidity 772 N/µm - Axial runout are based on rotaring inner ring: 2.5µm

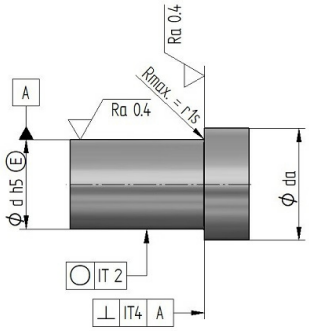
description

BSB	Design
030062	Size
TN	Plastic cage
P4	Tolerance class

dimensions and tolerances







dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	30	0 / -5	620-2
D	nominal outer diameter	62	0 / -7	620-2
B	width	15	0 / -120	620-2
r1s min.	minimal chamfer dimension	1		
r2s min.	minimal chamfer dimension	0.6		
alpha	contact angle	60°		
a	load application point	~47.3		
da	mounting dimension	38	0 / -250	
Da	mounting dimension	54	0 / 300	
R max.	mounting dimension	1		
R1 max.	mounting dimension	0.6		
Fv	pretension [N]	1560		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	23000	2170	281	47800	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		5600	

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	PA66+GF25		

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