Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

article 6005 ZZ CS25 BS4 **Art-No.** 48296 **brand** SKA **weight/kg** 0.08

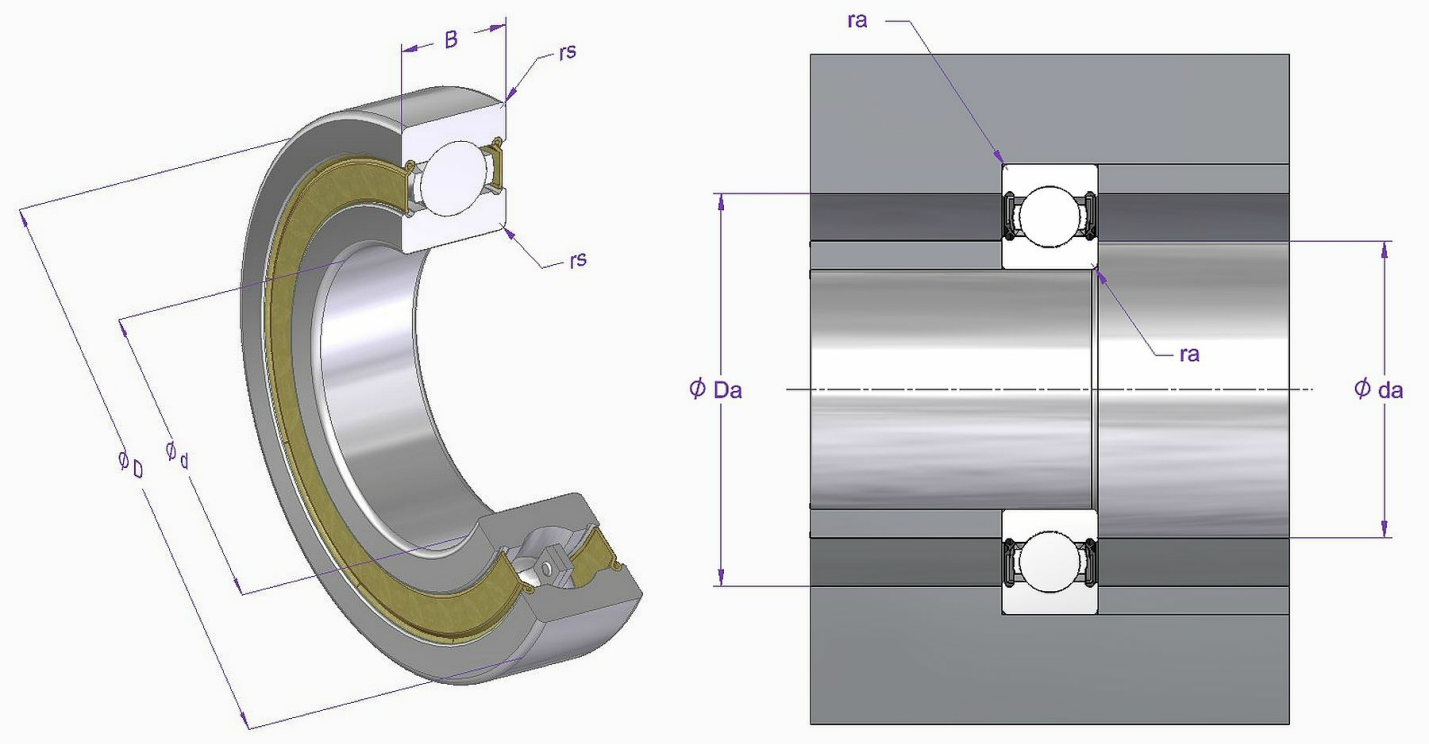
description

6005	Size
ZZ	Shields on both sides, not touching
CS25	Internal clearance

greasing

BS4	KLÜBERSYNTH BHP 72-102

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	25	0 / -10	620-2
D	nominal outer diameter	47	0 / -11	620-2
B	width	12	0 / -120	620-2
rs min.	minimal chamfer dimension	0.6		625-1
CS25	internal clearance	0.021 / 0.028		
da min.	mounting dimension	28.2		5418
Da max.	mounting dimension	43.8		5418
ra max.	mounting dimension	0.6		5418

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	11200	305	281	5860	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		15000	

operating temperature	max. [°C]	min. [°C]
	120	-40

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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	100Cr6	683-17	58-66
Cage	St12		
Shields	Sheet steel		

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