Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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article LR 5308 KDD U NS7 **Art-No.** 51092

brand SKA **weight/kg** 1.20

remark Tragzahlen gerechnet nach Normen für Wälzlager. Drehzahlen für F < 0.05 C0.

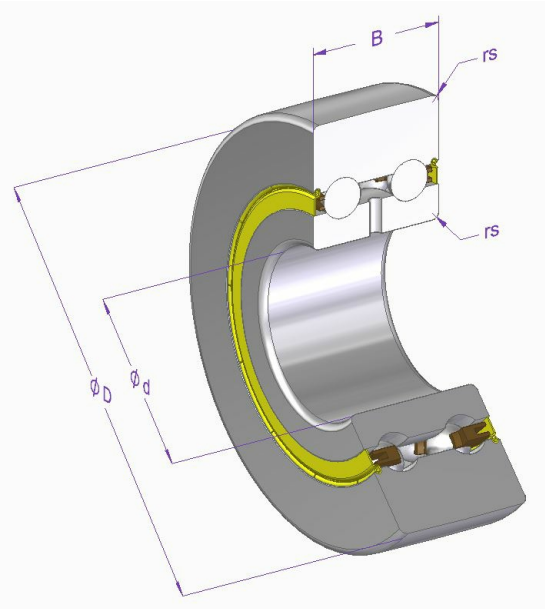
description

LR	Design
5308	Size
KDD	Shields on both sides, not touching
U	Crowned outer ring lateral surface

greasing

NS7	KYODO YUSHI MULTEMP SRL

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	40	0 / -12	620-2
D	nominal outer diameter	100	0 / -50	WERKSNORM
B	width	36.5	0 / -120	620-2
rs min.	minimal chamfer dimension	1.5		
R	radius outer ring	500		
Crw [N]	Effective dynamic load rating	50000		
C0rw [N]	Effective static load rating	36900		
Curw [N]	Effective fatigue limit load	1860		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	60500	2290	281	44000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		3650	

operating temperature	max. [°C]	min. [°C]
	120	-20

bearing clearance	radial min. [µm]	max. [µm]
	6	20

bearing clearance	axial min. [µm]	max. [µm]
	9	29

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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	58-65
Cage	PA66+GF25		
Shields	Sheet steel		

All information in this document was provided and checked carefully. Nevertheless, we can not assume any liability for incomplete or faulty information.