Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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article LR 5308 NPP U NS7 **Art-No.** 50431

brand SKA **weight/kg** 1.20

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

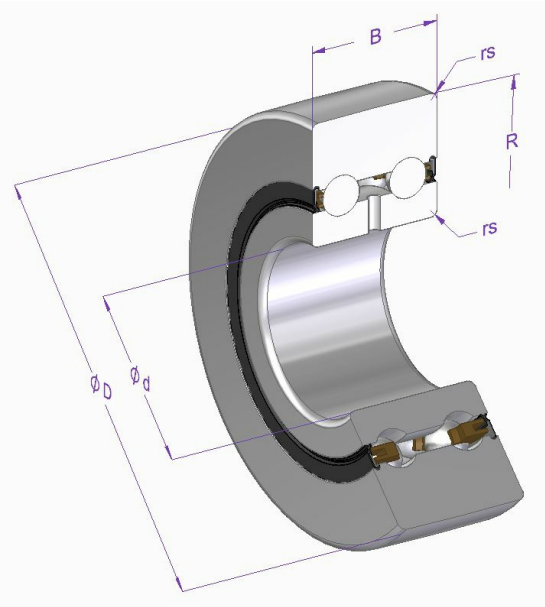
description

LR	Design
5308	Size
NPP	Sealing washers on both sides, 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]**
		2700	

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		
Sealing washers	St12/NBR		

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