Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

article LR 5305 NPP U NS7 **Art-No.** 51239

brand SKA **weight/kg** 0.28

remark Load ratings calculated according norms for rolling bearings. Rotational speed for F < 0.05 C0rw.

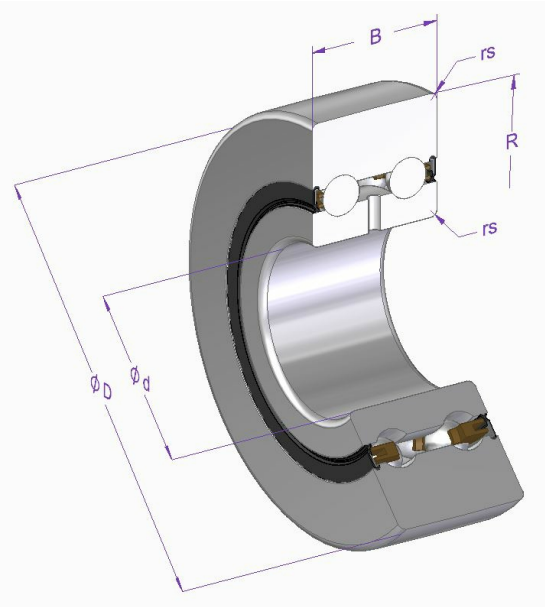
description

LR	Design
5305	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	25	0 / -10	620-2
D	nominal outer diameter	72	0 / -50	SONDER
B	width	25.4	0 / -120	620-2
rs min.	minimal chamfer dimension	1.1		
R	radius outer ring	500		
Crw [N]	Effective dynamic load rating	22100		
C0rw [N]	Effective static load rating	15700		
Curw [N]	Effective fatigue limit load	740		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	26400	960	281	18400	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		4100	

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

bearing clearance	axial min. [µm]	max. [µm]
	8	27

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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		
Sealing washers	St12/NBR		

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