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general data/description

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article LR 5201 KDD U NS7 **Art-No.** 48626

brand SKA **weight/kg** 0.08

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

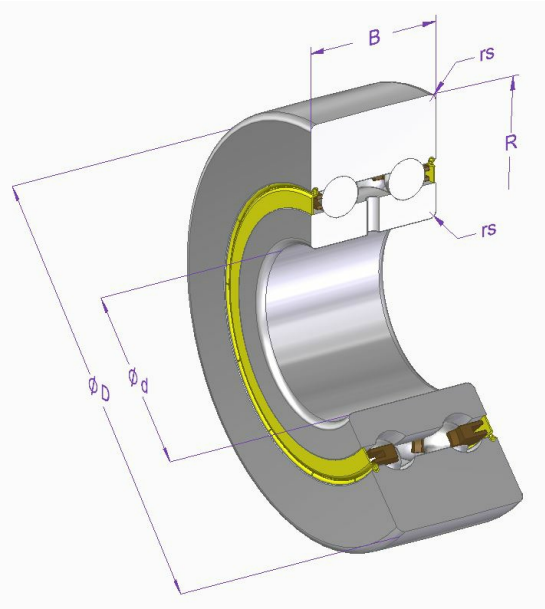
description

LR	Design
5201	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	12	0 / -8	620-2
D	nominal outer diameter	35	0 / -50	WERKSNORM
B	width	15.9	0 / -120	620-2
rs min.	minimal chamfer dimension	0.6		WERKSNORM
R	radius outer ring	500		
Crw [N]	Effective dynamic load rating	8040		
C0rw [N]	Effective static load rating	4680		
Curw [N]	Effective fatigue limit load	200		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	9130	260	281	5050	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		8100	

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

bearing clearance	radial min. [µm]	max. [µm]
	3	18

bearing clearance	axial min. [µm]	max. [µm]
	6	23

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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	St12		

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