general data/description

created: 07.02.2022 / 01 page: 1 / 2

article LR 5203 KDD U NS7 **Art-No.** 52143

brand SKA **weight/kg** 0.17

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

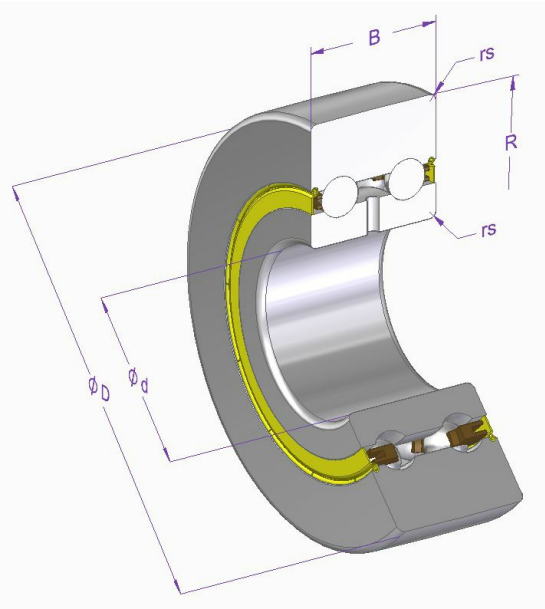
description

LR	Design
5203	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	17	0 / -8	620-2
D	nominal outer diameter	47	0 / -50	WERKSNORM
B	width	17.5	0 / -120	620-2
rs min.	minimal chamfer dimension	0.6		WERKSNORM
R	radius outer ring	500		
Crw [N]	Effective dynamic load rating	11100		
C0rw [N]	Effective static load rating	7280		
Curw [N]	Effective fatigue limit load	330		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	12300	415	281	8040	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		8900	

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

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	Sheet steel		

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