general data/description

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article LR 5200 KDD U NS7 **Art-No.** 49343

brand SKA **weight/kg** 0.07

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

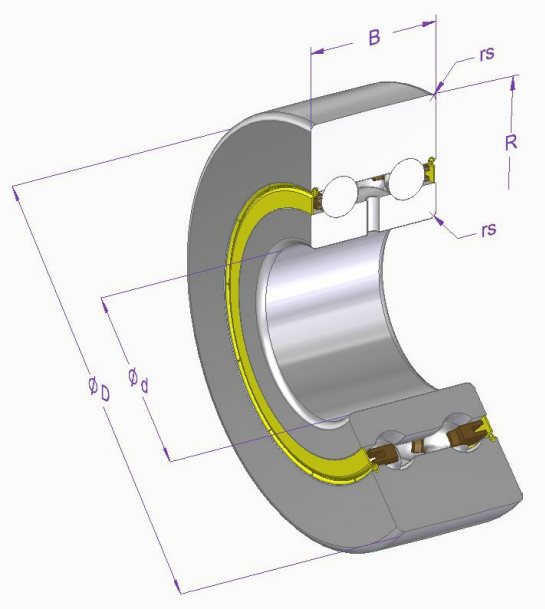
description

LR	Design
5200	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	10	0 / -8	620-2
D	nominal outer diameter	32	0 / -50	SONDER
B	width	15.9	0 / -120	620-2
rs min.	minimal chamfer dimension	0.6		
R	radius outer ring	500		

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	6960	200		281	3860	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		11000				
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	2	13				

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		
Shields	St12		

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