Hans Saurer Kugellager AG
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data sheet

general data/description

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article LR 6001 NPP U NS7 **Art-No.** 42907

brand SKA **weight/kg** 0.03

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

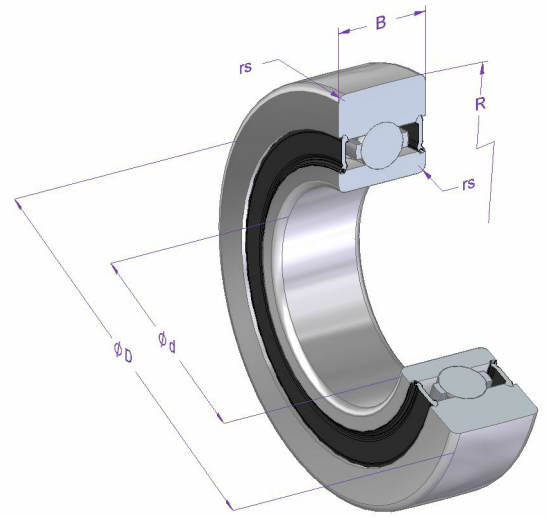
description

LR	Design
6001	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	12	0 / -8	620-2
D	nominal outer diameter	30	0 / -50	
B	width	8	0 / -120	620-2
rs min.	minimal chamfer dimension	0.3		
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**
	5100			281	2400	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		14000				
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	3	18				

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	St12		
Seals	St12/NBR		

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