Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

created: 24.09.2025 / 01

article LR 6000 NPP U NS7 **Art-No.** 47240

brand SKA **weight/kg** 0.0229

remark Load ratings calculated according norms for rolling bearings. Rotational speed for F < 0.05 C0rw. Load ratings and rotational speed also depending on mating track.

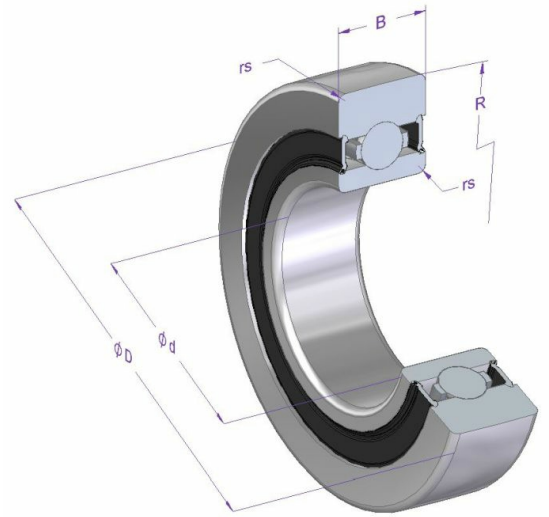
description

LR	Design
6000	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	10	0 / -8	620-2
D	nominal outer diameter	28	0 / -50	WERKSNORM
B	width	8	0 / -120	620-2
rs min.	minimal chamfer dimension	0.3		
R	radius outer ring	500		
Crw [N]	Effective dynamic load rating	3850		
C0rw [N]	Effective static load rating	1830		
Curw [N]	Effective fatigue limit load	92		

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**	**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	4560	102	281	1960	76

speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**
		16000	

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	58-66
Cage	Sheet steel		
Sealing washers	St12/NBR		

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