general data/description

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article LR 202 NPP U NS7 **Art-No.** 51569

brand SKA **weight/kg** 0.07

remark Load ratings calculated according norms for rolling bearings. Also depending on mating track.

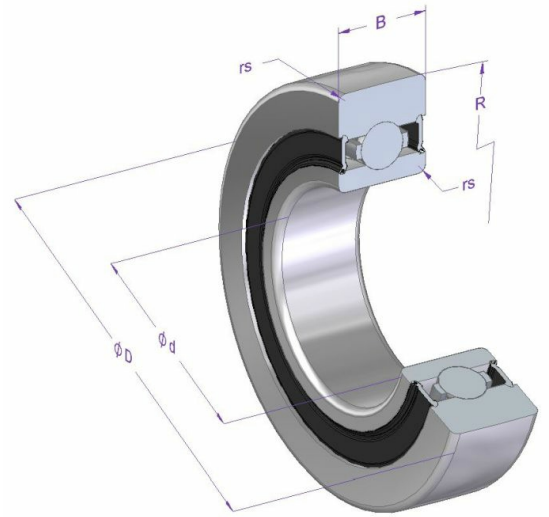
description

LR	Design
202	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	15	0 / -8	620-2
D	nominal outer diameter	40	0 / -50	WERKSNORM
B	width	11	0 / -120	620-2
rs min.	minimal chamfer dimension	0.6		WERKSNORM
R	radius outer ring	500		WERKSNORM
Crw [N]	Effective dynamic load rating	6510		
C0rw [N]	Effective static load rating	3370		
Curw [N]	Effective fatigue limit load	140		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	7640	190	281	3730	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]
	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	Sheet steel		
Sealing washers	Sheet steel/NBR		

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

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