general data/description

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article LR 200 NPP U NS1 **Art-No.** 50610

brand **weight/kg** 0.037

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

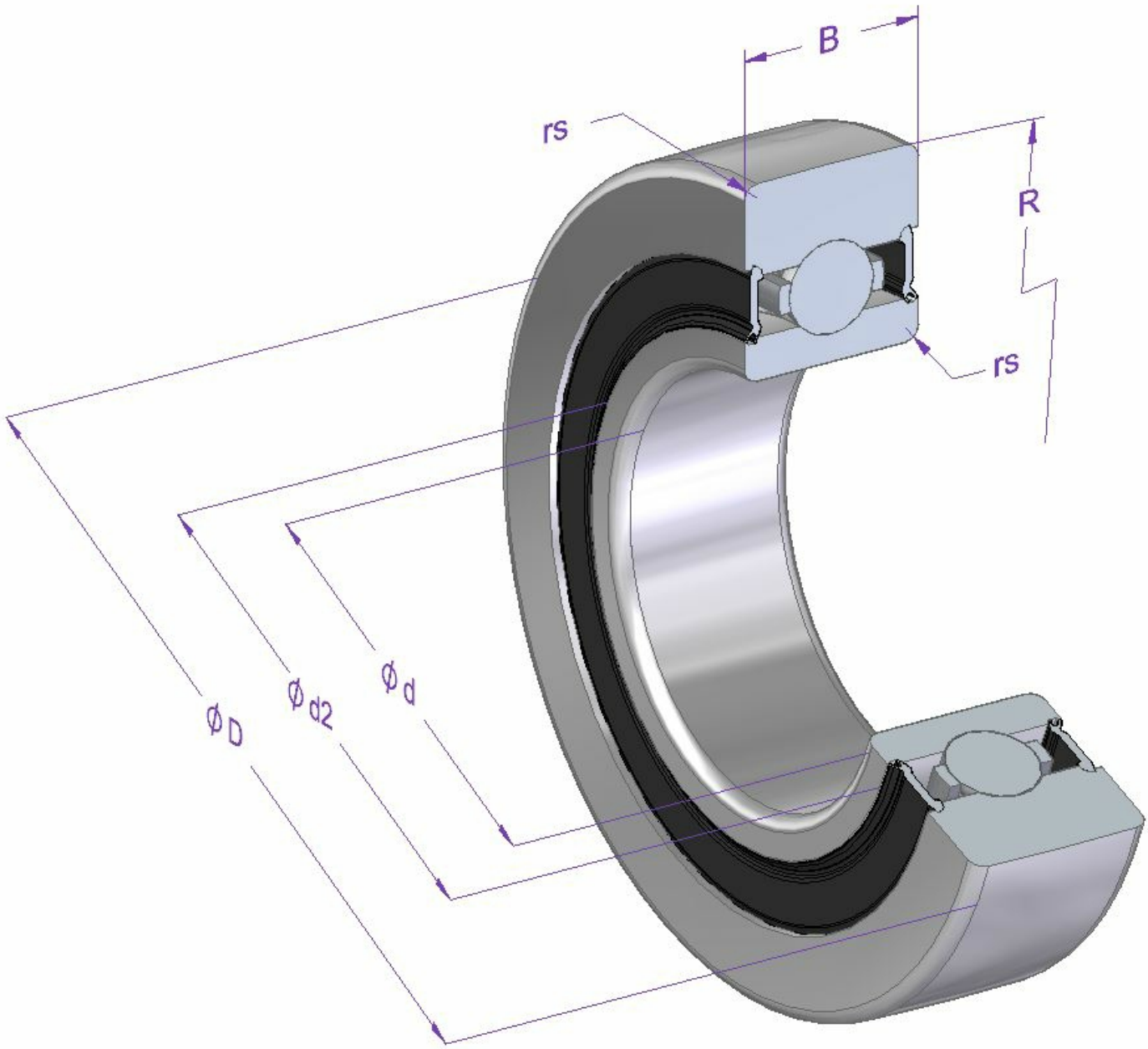
description

LR	Design
200	Size
NPP	Sealing washers on both sides, touching
U	Crowned outer ring lateral surface

greasing

NS1	KYODO YUSHI RAREMAX SUPER N

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	WERKSNORM
B	width	9	0 / -120	620-2
rs min.	minimal chamfer dimension	0.6		WERKSNORM
R	radius outer ring	500		WERKSNORM
d2	inner shoulder diameter	17	0 / -50	WERKSNORM

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dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Crw [N]	Effective dynamic load rating	3890		
C0rw [N]	Effective static load rating	1710		
Curw [N]	Effective fatigue limit load	67		

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	5110	120		281	2380	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		13000				
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	Sheet steel		
Sealing washers	Sheet steel/NBR		

All information in this document was provided and checked carefully. Nevertheless, we can not assume any liability for incomplete or faulty information.