general data/description

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article LR 207 NPP U NS7 **Art-No.** 51414

brand SKA **weight/kg** 0.40

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

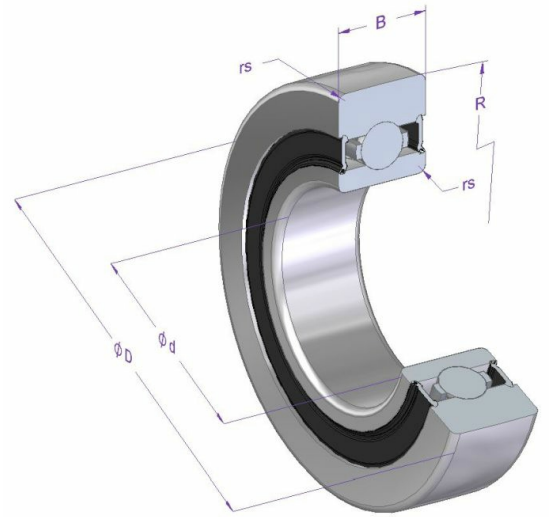
description

LR	Design
207	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	35	0 / -12	620-2
D	nominal outer diameter	80	0 / -50	WERKSNORM
B	width	17	0 / -120	620-2
rs min.	minimal chamfer dimension	1.1		625-1
R	radius outer ring	500		WERKSNORM
Crw [N]	Effective dynamic load rating	20500		
C0rw [N]	Effective static load rating	12500		
Curw [N]	Effective fatigue limit load	595		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	25700	795	281	15300	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		4500	

operating temperature	max. [°C]	min. [°C]
	120	-20

bearing clearance	radial min. [µm]	max. [µm]
	6	20

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		

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