Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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article LR 606 NPP U TN NS7 **Art-No.** 51456

brand SKA **weight/kg** 0.008

remark Load ratings calculated according norms for rolling bearings. Rotational speed for F < 0.05 C0rw.

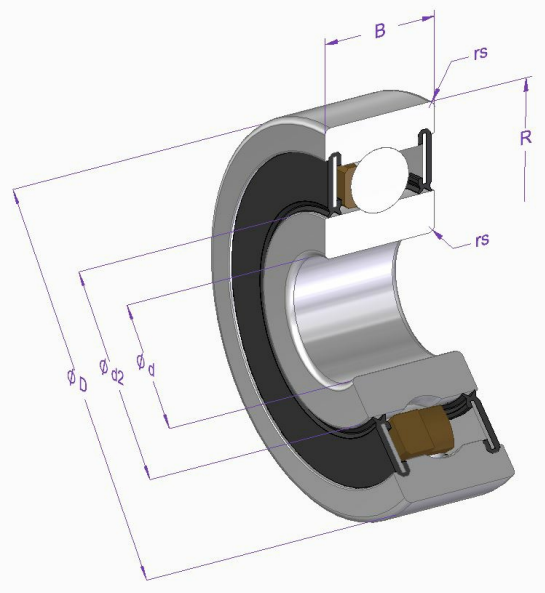
description

LR	Design
606	Size
NPP	Sealing washers on both sides, touching
U	Crowned outer ring lateral surface
TN	Plastic cage

greasing

NS7	KYODO YUSHI MULTEMP SRL

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	6	0 / -8	620-2
D	nominal outer diameter	19	0 / -50	WERKSNORM
B	width	6	0 / -120	620-2
rs min.	minimal chamfer dimension	0.3		616
d2	inner shoulder diameter	10.1		
R	radius outer ring	500		
Crw [N]	Effective dynamic load rating	1830		
C0rw [N]	Effective static load rating	800		
Curw [N]	Effective fatigue limit load	30		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	2220	45	281	895	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		22000	

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

bearing clearance	radial min. [µm]	max. [µm]
	2	13

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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	PA66		
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.