Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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article NUTR 25 OP LX3 **Art-No.** 47909 **brand** SKA **weight/kg** 0.281

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

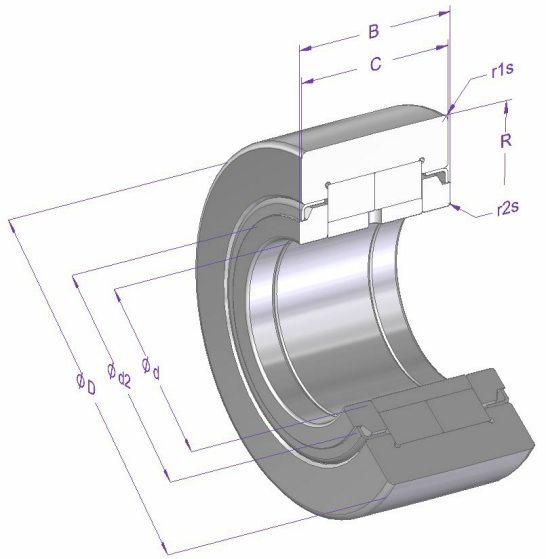
description

NUTR	Design
25	Size
OP	Optimized profile

greasing

LX3	SHELL GADUS S3 V220C 2

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	25	0 / -10	620-2
d2	axial washer outer diameter	31		
D	nominal outer diameter	52	0 / -50	SONDER
B	inner ring width	25	0 / -210	
C	outer ring width	24	0 / -120	620-2
r1s min.	minimal chamfer dimension	1		
r2s min.	minimal chamfer dimension	0.5		
R	radius outer ring	OP		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	42700	7260	281	58000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		4200	

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

bearing clearance	radial min. [µm]	max. [µm]
	0	25

material specification

description	material	DIN/ISO	hardness
Inner ring	100Cr6	683-17	58-65
Outer ring	100Cr6	683-17	58-65
Needle rollers	100Cr6	683-17	58-65
Shields	Sheet steel		
Axial washers	100Cr6	683-17	58-65

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