Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

general data/description

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article NKX 20 Z LX3 **Art-No.** 45505 **brand** SKA **weight/kg** 0.09

remark Axial part greased.

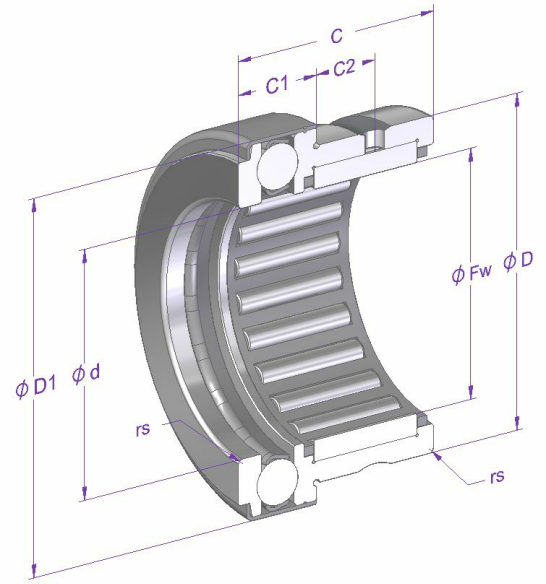
description

NKX	Design
20	Size
Z	Shield on one side, not touching

greasing

LX3	SHELL GADUS S3 V220C 2

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	20	20 / 33	5429-1
d	nominal inner diameter	20	40 / 73	5429-1
D	nominal outer diameter	30	0 / -9	620-2
D1	outer diameter	36.2		5429-1
C	width	30	0 / -250	5429-1
C1	width	10	0 / -200	5429-1
C2	distance lubrication hole	10.5		5429-1
rs min.	minimal chamfer dimension	0.3		5429-1

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	17000	3500	281	24400	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		5000	7000

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

material specification

description	material	DIN/ISO	hardness
Outer ring	100Cr6	683-17	58-65
Needle rollers	100Cr6	683-17	58-65
Needle cage	Sheet steel		
Balls	100Cr6	683-17	58-65
Ball Cage	Sheet steel		
Axial washer	100Cr6	683-17	58-65
Protection cap	Sheet steel		

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