Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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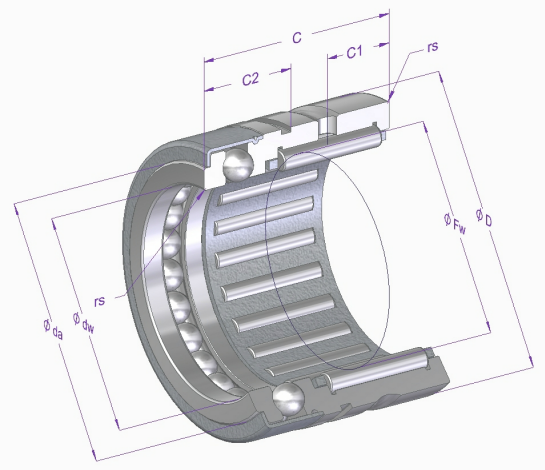
article NX 20 Z LX3 **Art-No.** 50043 **brand** SKA **weight/kg** 0.068

remark Axial part greased.

description

NX	Design
20	Size
Z	Shield on one side, not touching
LX3	Greasing

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
dw	nominal inner diameter	20	40 / 73	5429-1
D	nominal outer diameter	30	0 / -9	620-2
Fw	inner enveloping circle diameter	20	20 / 33	5429-1
C	width	28	0 / -250	5429-1
C1	distance lubrication hole	8		
C2	width	12.2		
rs min.	minimal chamfer dimension	0.3		5429-1
Ca [N]	dynamic load rating, axial	7690		281
C0a [N]	static load capacity, axial	17200		76
Cua [N]	fatigue limit load, axial	780		281

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	13700	2640	281	18500	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		4600	

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
Axial washer	100Cr6	683-17	58-65
Protection cap	Sheet steel		

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