general data/description

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article NKX 12 Z LX3 **Art-No.** 45471 **brand** SKA **weight/kg** 0.04

remark Axial part greased.

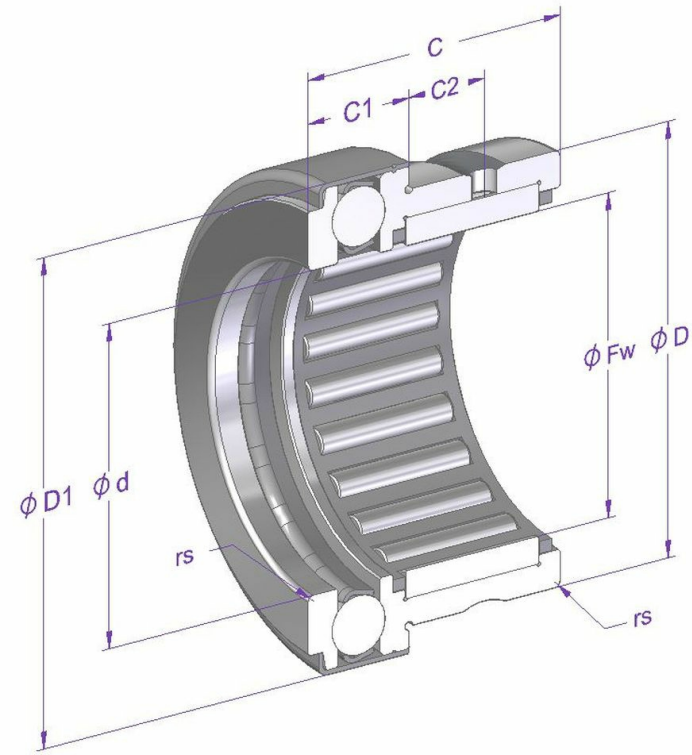
description

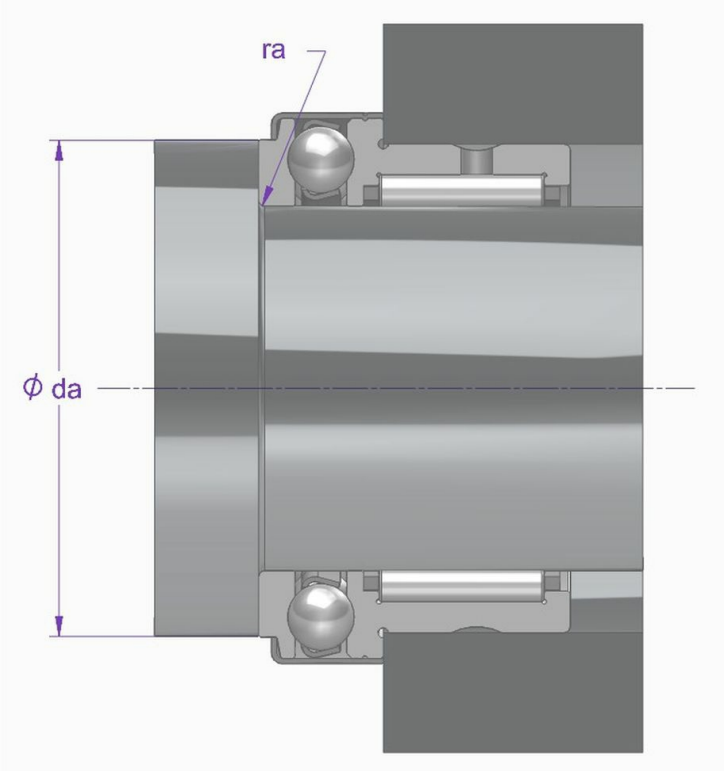
NKX	Design
12	Size
Z	Shield on one side, not touching

greasing

LX3	SHELL GADUS S3 V220C 2

dimensions and tolerances





dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	12	16 / 27	5429-1
d	nominal inner diameter	12	32 / 59	5429-1
D	nominal outer diameter	21	0 / -9	620-2
D1 max.	outer diameter	27.2		5429-1
C	width	23	0 / -250	5429-1
C1	width	9	0 / -200	5429-1
C2	distance lubrication hole	7.5		5429-1
rs min.	minimal chamfer dimension	0.3		5429-1
da min.	mounting dimension	21.7		WERKSNORM
ra max.	mounting dimension	0.3		5419-1
Ca	dynamic load rating, axial [N]	10200		
C0a	static load capacity, axial [N]	16700		
Cua	fatigue limit load, axial [N]	760		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	9500	1710	281	11600	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		6400	

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

article NKX 12 Z LX3 **Art-No.** 45471

material specification

description	material	DIN/ISO	hardness
Outer ring	100Cr6	683-17	58-65
Needle rollers	100Cr6	683-17	58-66
Needle cage	Sheet steel		
Balls	100Cr6	683-17	58-66
Ball Cage	Sheet steel		
Axial washer	100Cr6	683-17	58-65
Protection cap	Sheet steel		

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