general data/description

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article NKX 60 Z LX3 **Art-No.** 51658 **brand** SKA **weight/kg** 0.38

remark Axial part greased.

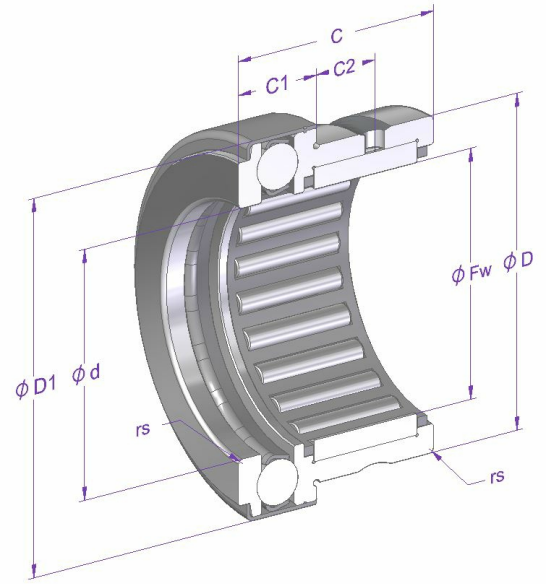
description

NKX	Design
60	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	60	30 / 49	
d	nominal inner diameter	60	60 / 106	
D	nominal outer diameter	72	0 / -13	620-2
D1	outer diameter	86.5 max.		
C	width	40	0 / -250	
C1	width	17	0 / -200	
C2	distance lubrication hole	12		
rs min.	minimal chamfer dimension	1		620-6
Ca	dynamic load rating, axial [N]	41400		
C0a	static load capacity, axial [N]	122000		
Cua	fatigue limit load, axial [N]	5570		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	43500	13300	281	92100	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		2650	

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

article NKX 60 Z LX3 **Art-No.** 51658

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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