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data sheet

general data/description

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article NX 30 Z LX3 **Art-No.** 45812 **brand** SKA **weight/kg** 0.13

remark Axial part greased.

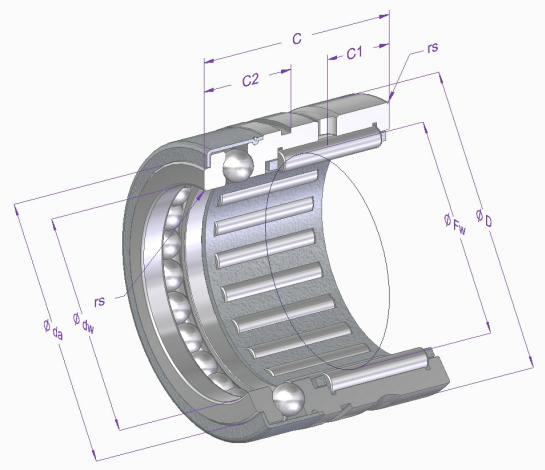
description

NX	Design
30	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
dw	nominal inner diameter	30	40 / 73	5429-1
D	nominal outer diameter	42	0 / -11	620-2
Fw	inner enveloping circle diameter	30	20 / 33	5429-1
C	width	30	0 / -250	5429-1
C1	distance lubrication hole	10		
C2	mounting dimension	14.2		
rs min.	minimal chamfer dimension	0.3		5429-1
da	mounting dimension	36.5		
Ca	dynamic load rating, axial [N]	12800		281
C0a	static load capacity, axial [N]	32500		76
Cua	fatigue limit load, axial [N]	1480		281

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	23700	5400	281	37500	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		3200	4300

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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