general data/description

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article NUTR 1542 OP LX3 **Art-No.** 51250

brand SKA **weight/kg** 0.158

remark Load ratings calculated according norms for rolling bearings. Rotational speed for F < 0.05 C0rw.

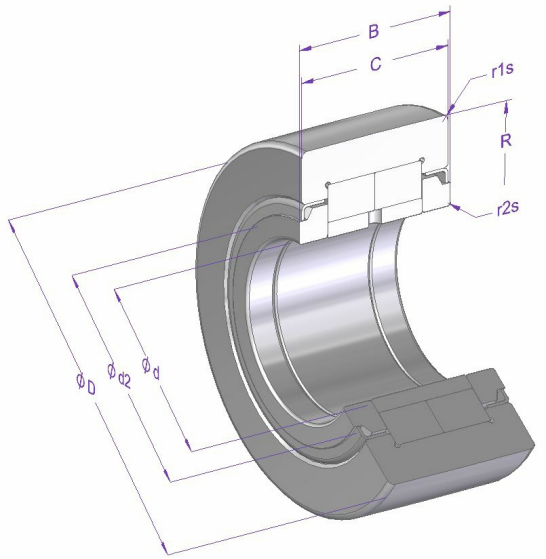
description

NUTR	Design
1542	Size
OP	Optimized profile

greasing

LX3	SHELL GADUS S3 V220C 2

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	15	0 / -8	620-2
d2	axial washer outer diameter	20		
D	nominal outer diameter	42	0 / -50	WERKSNORM
B	inner ring width	19	0 / -210	WERKSNORM
C	outer ring width	18	0 / -120	620-2
r1s min.	minimal chamfer dimension	0.6		
r2s min.	minimal chamfer dimension	0.3		
R	radius outer ring	OP		
Crw [N]	Effective dynamic load rating	18300		
C0rw [N]	Effective static load rating	19000		
Curw [N]	Effective fatigue limit load	2140		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	21200	3020	281	24200	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		6500	

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

bearing clearance	radial min. [µm]	max. [µm]
	10	35

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material specification

description	material	DIN/ISO	hardness
Inner ring	100Cr6	683-17	58-65
Outer ring	100Cr6	683-17	58-65
Needle rollers	100Cr6	683-17	58-65
Axial washers	100Cr6	683-17	58-65
Shields	Sheet steel		

All information in this document was provided and checked carefully. Nevertheless, we can not assume any liability for incomplete or faulty information.