general data/description

created: 16.09.2021 / 01 page: 1 / 2

article NUTR 1747 X LX3 **Art-No.** 51892 **brand** SKA **weight/kg** 0.22

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

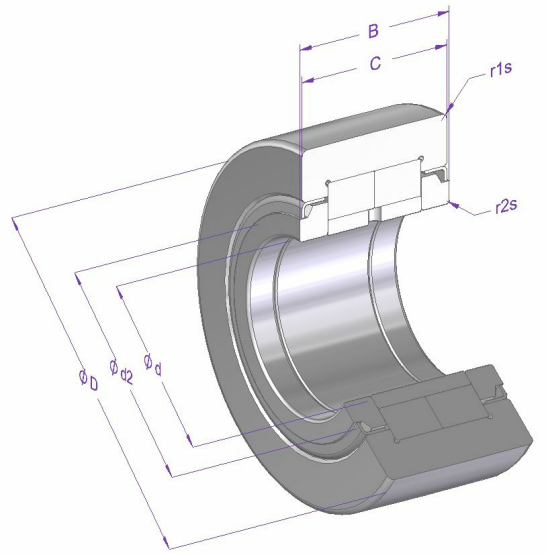
description

NUTR	Design
1747	Size
X	Cylindrical lateral surface

greasing

LX3	SHELL GADUS S3 V220C 2

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	17	0 / -8	620-2
D	nominal outer diameter	47	0 / -11	620-2
B	inner ring width	21	0 / -210	
C	outer ring width	20	0 / -120	620-2
d2	axial washer outer diameter	22		
r1s min.	minimal chamfer dimension	1		
r2s min.	minimal chamfer dimension	0.5		
Crw [N]	Effective dynamic load rating	21500		
C0rw [N]	Effective static load rating	23900		
Curw [N]	Effective fatigue limit load	2710		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	24800	2830	281	30400	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		5500	

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

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

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
Shields	Sheet steel		
Axial washers	100Cr6	683-17	58-65

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