general data/description

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article NATR 6 PP X LX3 **Art-No.** 46127 **brand** SKA **weight/kg** 0.02

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

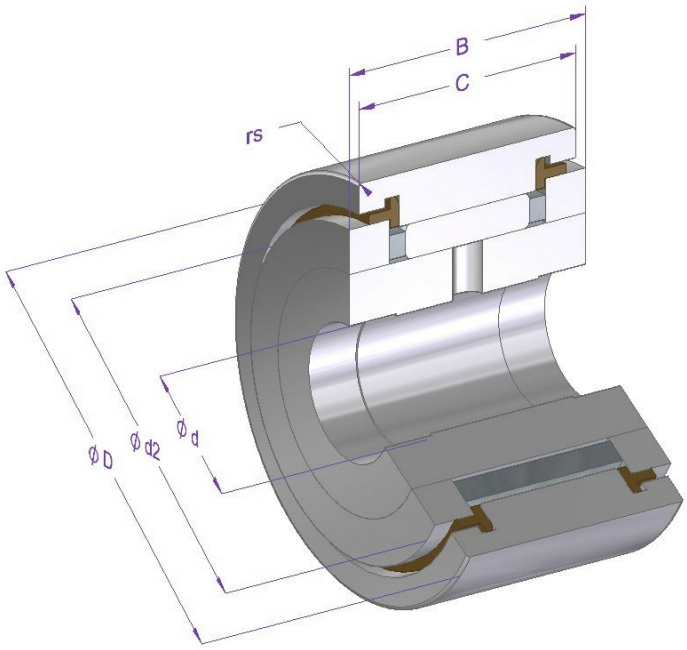
description

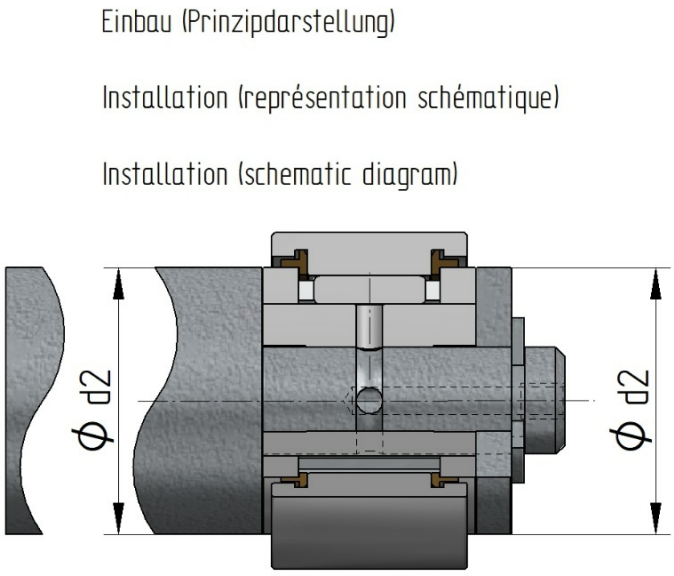
NATR	Design
6	Size
PP	Seals on both sides
X	Cylindrical lateral surface

greasing

LX3	SHELL GADUS S3 V220C 2

dimensions and tolerances





dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	6	0 / -8	620-2
D	nominal outer diameter	19	0 / -9	620-2
d2	axial washer outer diameter	15		
B	inner ring width	12	0 / -180	WERKSNORM
C	outer ring width	11	0 / -120	620-2
rs min.	minimal chamfer dimension	0.15		ISO 7063
Crw [N]	Effective dynamic load rating	3590		
C0rw [N]	Effective static load rating	3520		
Curw [N]	Effective fatigue limit load	410		

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	4010	540		281	4180	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		11000				
operating temperature	**max. [°C]**	**min. [°C]**				
	100	-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
Seals	PA66		
Axial washers	100Cr6		
Cage	Sheet steel	683-17	58-65

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