general data/description

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article PWTR 3072 2RS OP LX3 **Art-No.** 45366

brand SKA **weight/kg** 0.697

remark Tragzahlen gerechnet nach Normen für Wälzlager. Drehzahlen für F < 0.05 C0.

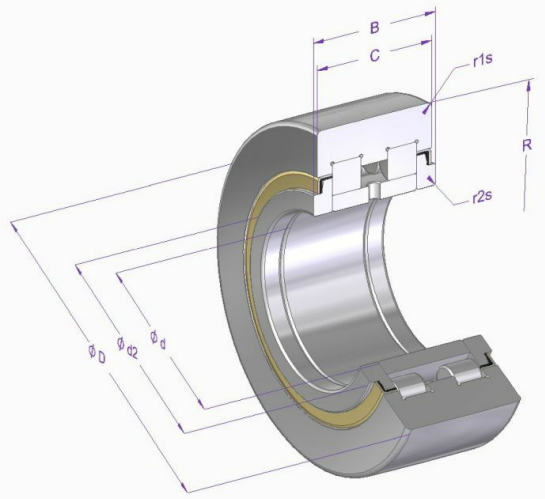
description

PWTR	Design
3072	Size
2RS	Sealing washers on both sides, touching
OP	Optimized profile

greasing

LX3	SHELL GADUS S3 V220C 2

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	30	0 / -10	620-2
d2	inner shoulder diameter	38		
D	nominal outer diameter	72	0 / -50	WERKSNORM
B	inner ring width	29	0 / -210	
C	outer ring width	28	0 / -120	620-2
r1s min.	minimal chamfer dimension	1		
r2s min.	minimal chamfer dimension	0.5		
R	radius outer ring	OP		
Crw [N]	Effective dynamic load rating	41000		
C0rw [N]	Effective static load rating	45100		
Curw [N]	Effective fatigue limit load	5100		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	48000	7300	281	59100	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		2200	

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

bearing clearance	radial min. [µm]	max. [µm]
	0	25

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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
Sealing washers	Sheet steel/NBR		

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