general data/description

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article KRV 19 PP OP SK LX3 **Art-No.** 44922

brand SKA **weight/kg** 0.031

remark Load ratings calculated according norms for rolling bearings. Also depending on mating track.

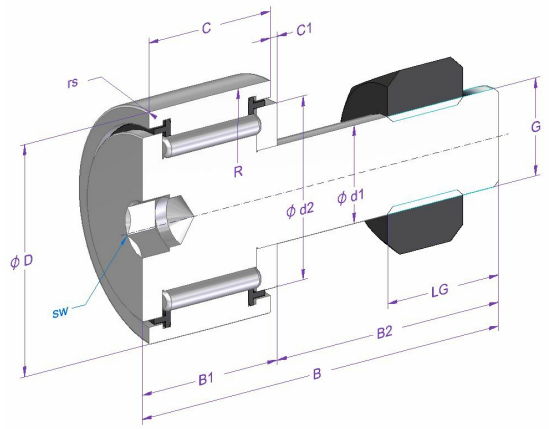
description

KRV	Design
19	Size
PP	Seals on both sides
OP	Optimized profile
SK	Hexagon socket

greasing

LX3	SHELL GADUS S3 V220C 2

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d1	shaft diameter	8	0 / -15	
d2	inner shoulder diameter	15		
D	nominal outer diameter	19	0 / -50	
C	outer ring width	11	0 / -120	620-2
C1	distance	0.6		
B	length	32	-300 / 600	
B1 max.	width	12.2		
B2	shaft lenght	20		
G	thread	M8x1.25		
LG	thread length	10		
sw	wrench size	4		
rs min.	minimal chamfer dimension	0.15		
R	radius	OP		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	5400		281	7900	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		3000	

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

bearing clearance	radial min. [µm]	max. [µm]
	20	45

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material specification

description	material	DIN/ISO	hardness
Outer ring	100Cr6	683-17	58-65
Roller stud	16CrMo4		
Needle rollers	100Cr6	683-17	58-65
Thrust washer	100Cr6	683-17	58-65
Seals	PA66		

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