Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

article NUKRE 40 OP SK LX3 **Art-No.** 48277 **brand** SKA **weight/kg** 0.305

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

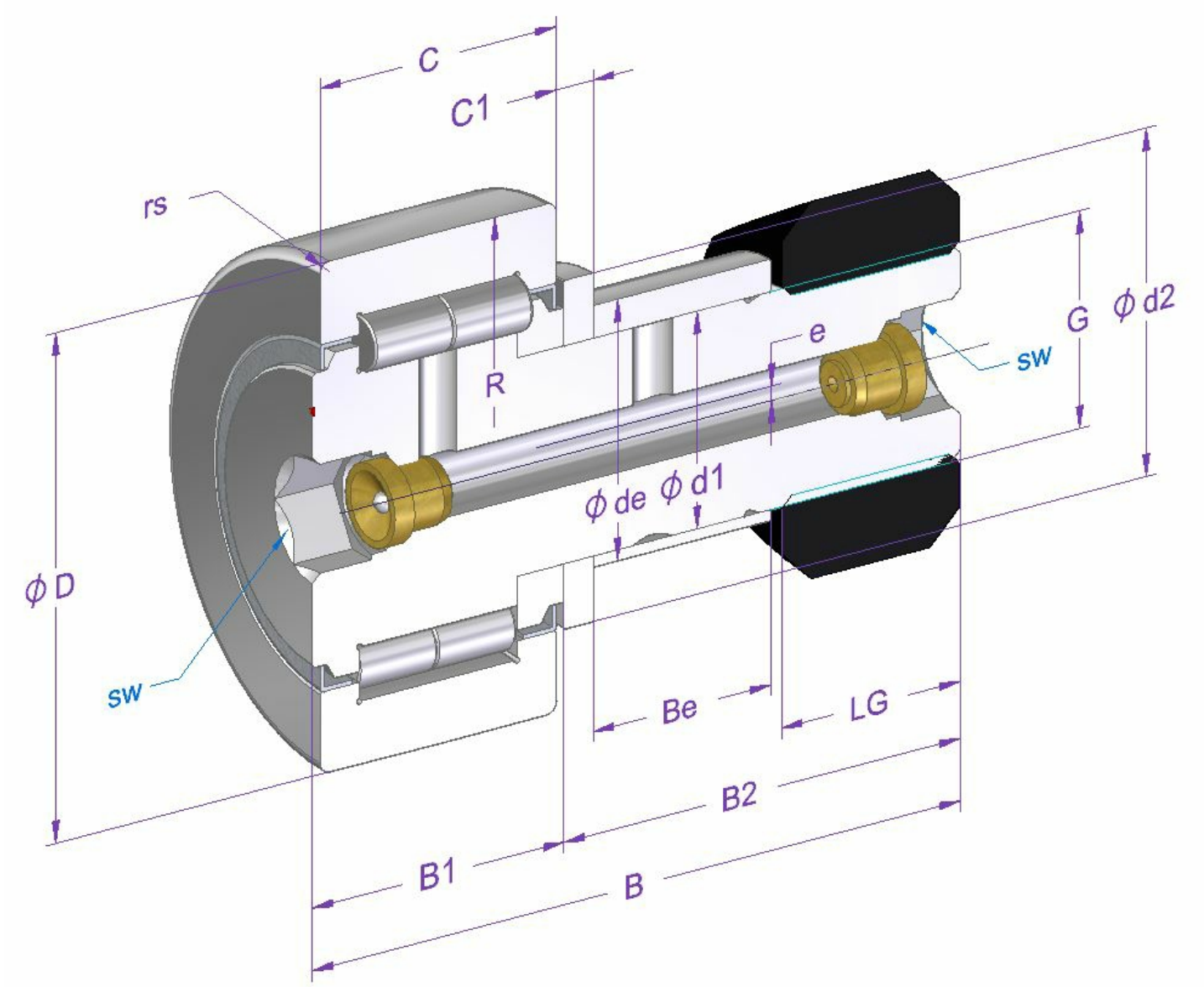
description

NUKRE	Design
40	Size
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	18	0 / -18	WERKSNORM
d2	inner shoulder diameter	30		
de	eccentric diameter	22	0 / -52	WERKSNORM
e	eccentricity	1		
D	nominal outer diameter	40	0 / -50	WERKSNORM
C	outer ring width	20	0 / -120	620-2
C1	distance	3.8		
B	length	58	-300 / 600	WERKSNORM
B1 max.	width	21.6		
B2	shaft lenght	33.5		

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dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Be	eccentric length	14		
rs min.	minimal chamfer dimension	1		
sw	wrench size	8		
LG	thread length	19		
G	thread	M18x1.5		
R	radius	OP		
Crw [N]	Effective dynamic load rating	18500		
C0rw [N]	Effective static load rating	19600		
Curw [N]	Effective fatigue limit load	2275		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	24800	3830	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
Outer ring	100Cr6	683-17	58-65
Roller stud	16CrMo4		
Needle rollers	100Cr6	683-17	58-65
Axial washer	100Cr6	683-17	58-65
Thrust washer	100Cr6	683-17	58-65
Seals	Sheet steel		
Eccentric ring	100Cr6	683-17	683-17

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