Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

article RB 206 UZ1 **Art-No.** 52475 **brand** SKA **weight/kg** 0.35

remark Rotational speed is reference value for shaft tolerance h7. Also depending on load and seal. Not relubricatable.

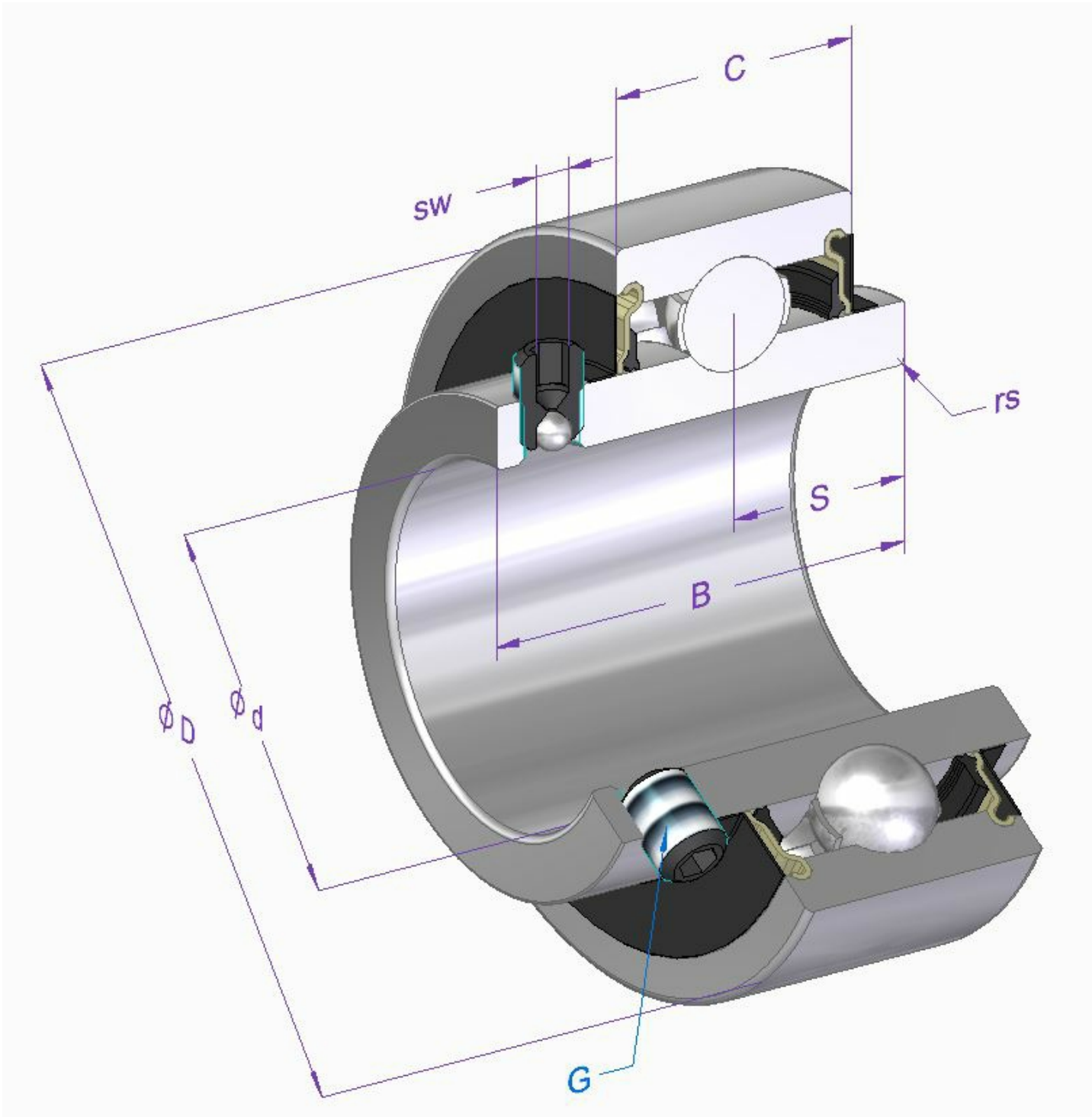
description

RB	design
206	Size

greasing

UZ1	UNIVERSAL ZR-LN1

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	30	0 / 18	626-1
D	nominal outer diameter	62	0 / -13	620-2
B	inner ring width	38.1	0 / -120	620-2
C	outer ring width	22	0 / -120	620-2

article RB 206 UZ1 **Art-No.** 52475

dimension	Description	[mm]	tolerance [µm]	DIN/ISO
rs min.	minimal chamfer dimension	1		616
S	swing axle distance	15.9		626-1
G	thread	M6x0.75		
sw	wrench size	3		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	19500	580	281	11300	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		4000	

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

bearing clearance	radial min. [µm]	max. [µm]
	13	28

material specification

description	material	DIN/ISO	hardness
Inner ring	100Cr6	683-17	58-65
Outer ring	100Cr6	683-17	58-65
Balls	100Cr6	683-17	58-65
Cage	Sheet steel		
Seals	Sheet steel/NBR		
Centrifugal disc	Sheet steel		

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