Hans Saurer Kugellager AG
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data sheet

general data/description

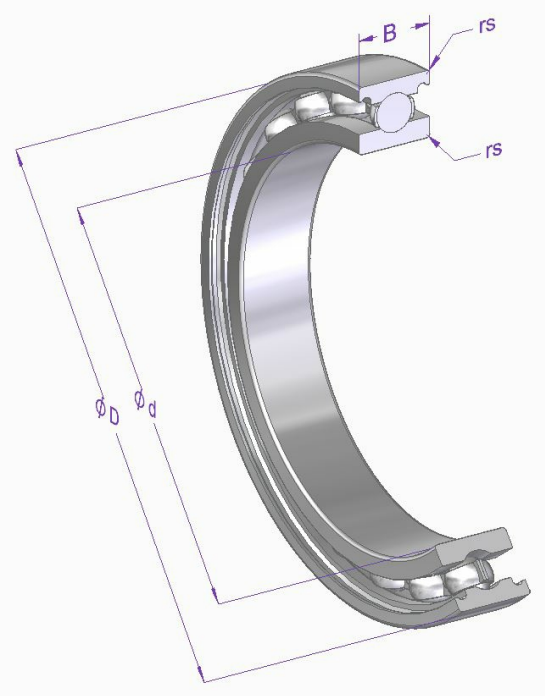
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article 61804 C3 **Art-No.** 51494 **brand** SKA **weight/kg** 0.019

description

61804	Size
C3	Internal clearance

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	20	0 / -10	620-2
D	nominal outer diameter	32	0 / -11	620-2
B	width	7	0 / -120	620-2
rs min.	minimal chamfer dimension	0.3		625-1
C3	internal clearance	0.013 / 0.028		620-4

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	3480	110	281	2240	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		22000	26000

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	St12		

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