general data/description

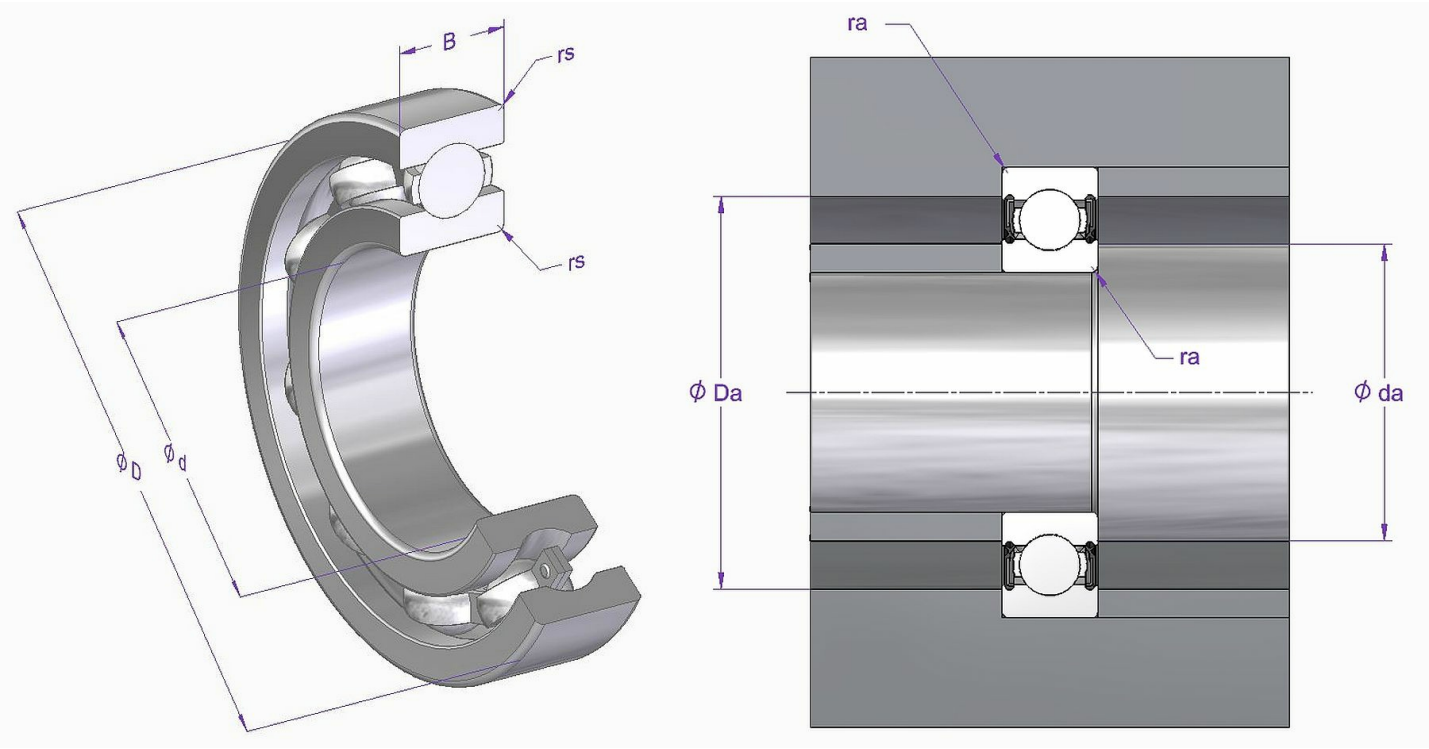
created: 22.10.2019 / 02 page: 1 / 2

article 61809 **Art-No.** 50631 **brand** SKA **weight/kg** 0.04

description

61809 Size
61809 size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	45	0 / -12	620-2
D	nominal outer diameter	58	0 / -13	620-2
B	width	7	0 / -120	620-2
rs min.	minimal chamfer dimension	0.3		625-1
da min.	mounting dimension	47		5418
Da max.	mounting dimension	56		5418
ra max.	mounting dimension	0.3		5418

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	7290	320	281	6150	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		11000	13000

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

bearing clearance	radial min. [µm]	max. [µm]
	6	23

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	58-66
Cage	St12		

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

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