Hans Saurer Kugellager AG
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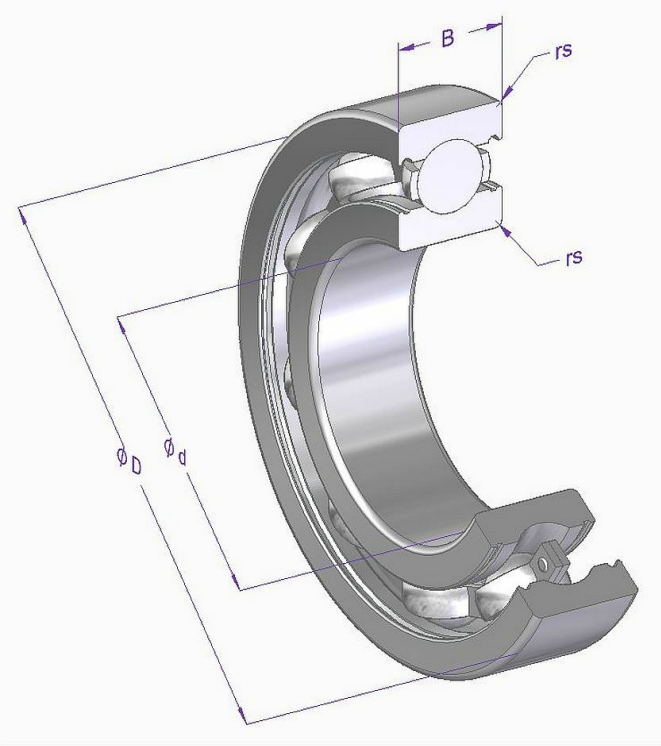
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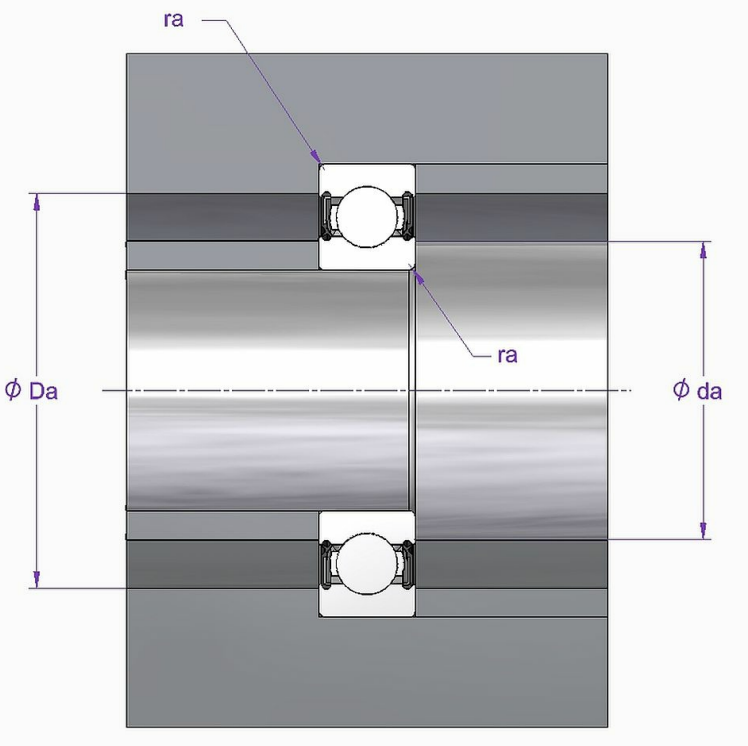
general data/description

article 6024 **Art-No.** 52049 **brand** SKA **weight/kg** 2.09

description
6024 Size

dimensions and tolerances





dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	120	0 / -20	620-2
D	nominal outer diameter	180	0 / -25	620-2
B	width	28	0 / -200	620-2
rs min.	minimal chamfer dimension	2		625-1
da min.	mounting dimension	128.8		5418
Da max.	mounting dimension	171.2		5418
ra max.	mounting dimension	2		5418

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	97500	3380	281	79900	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		3600	4300

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

bearing clearance	radial min. [µm]	max. [µm]
	15	41

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		

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