Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

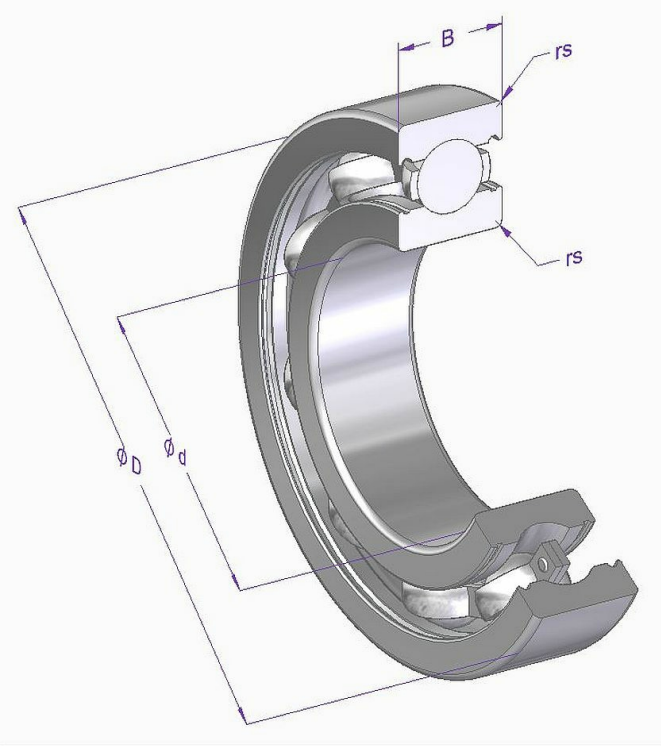
data sheet

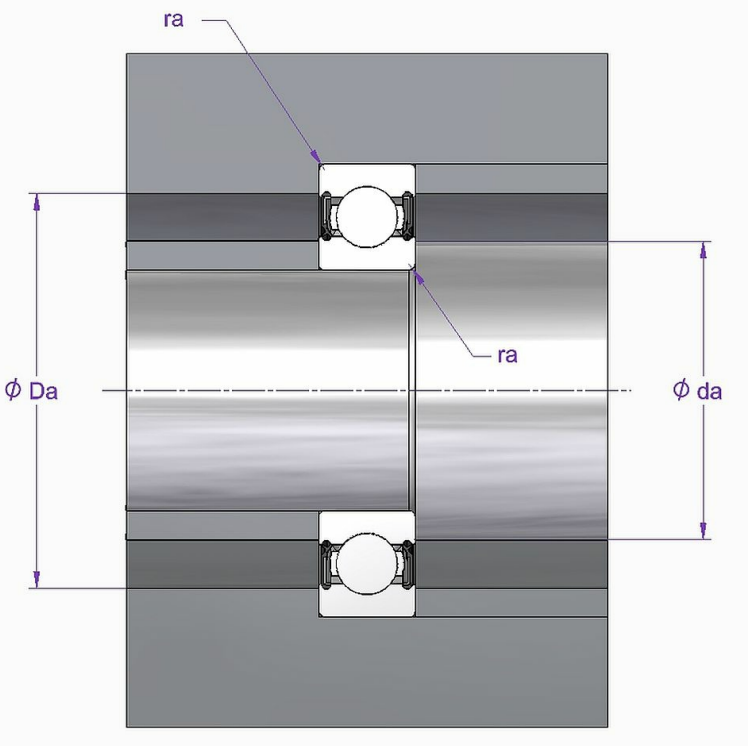
general data/description

article 6012 **Art-No.** 48340 **brand** SKA **weight/kg** 0.415

description
6012 Size

dimensions and tolerances





dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	60	0 / -15	620-2
D	nominal outer diameter	95	0 / -15	620-2
B	width	18	0 / -150	620-2
rs min.	minimal chamfer dimension	1.1		625-1
da min.	mounting dimension	66		5418
Da max.	mounting dimension	89		5418
ra max.	mounting dimension	1		5418

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	35800	1280	281	24600	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		7100	8500

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

bearing clearance	radial min. [µm]	max. [µm]
	8	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	58-66
Cage	St12		

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