Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

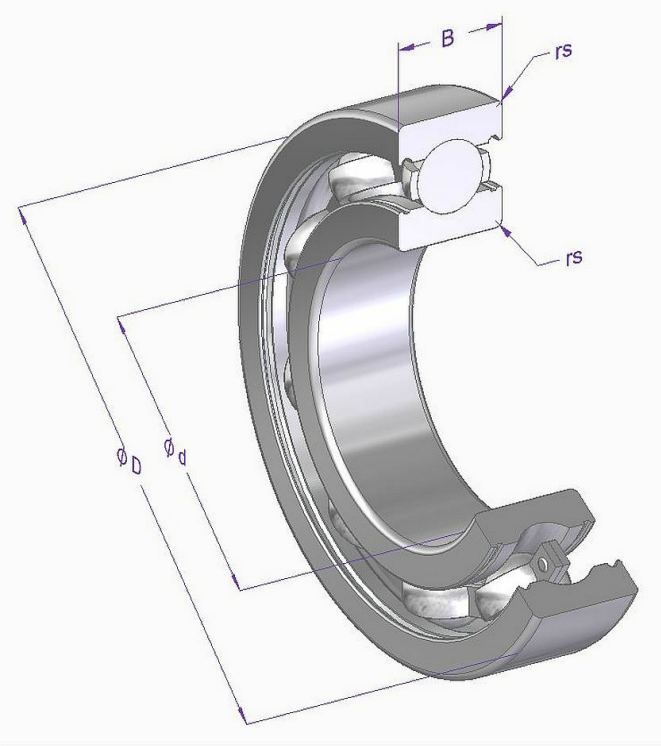
data sheet

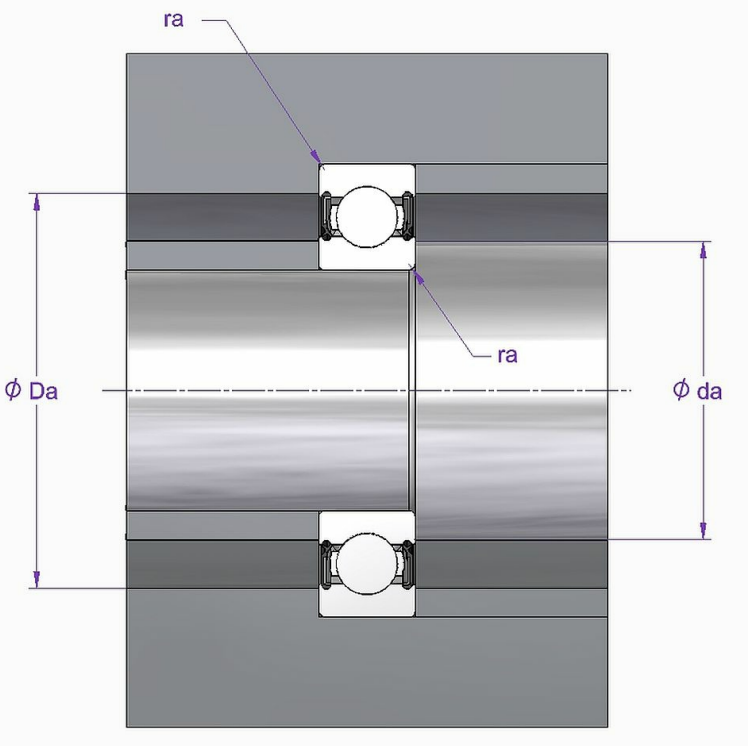
general data/description

article 6010 **Art-No.** 48179 **brand** SKA **weight/kg** 0.25

description
6010 Size

dimensions and tolerances





dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	50	0 / -12	620-2
D	nominal outer diameter	80	0 / -13	620-2
B	width	16	0 / -120	620-2
rs min.	minimal chamfer dimension	1		625-1
da min.	mounting dimension	54.6		5418
Da max.	mounting dimension	75.4		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
	24200	860	281	16600	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		8500	10000

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		

All information in this document was provided and checked carefully. Nevertheless, we can not assume any liability for incomplete or faulty information.