Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

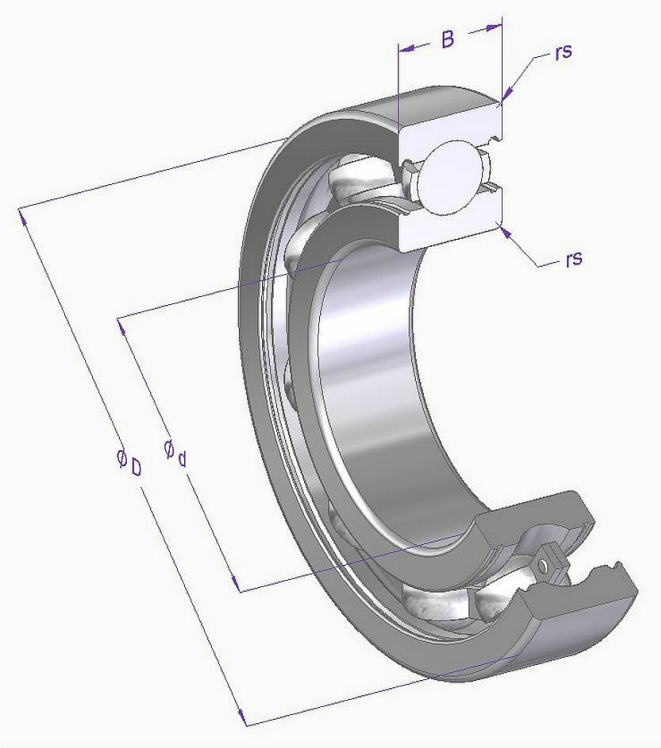
general data/description

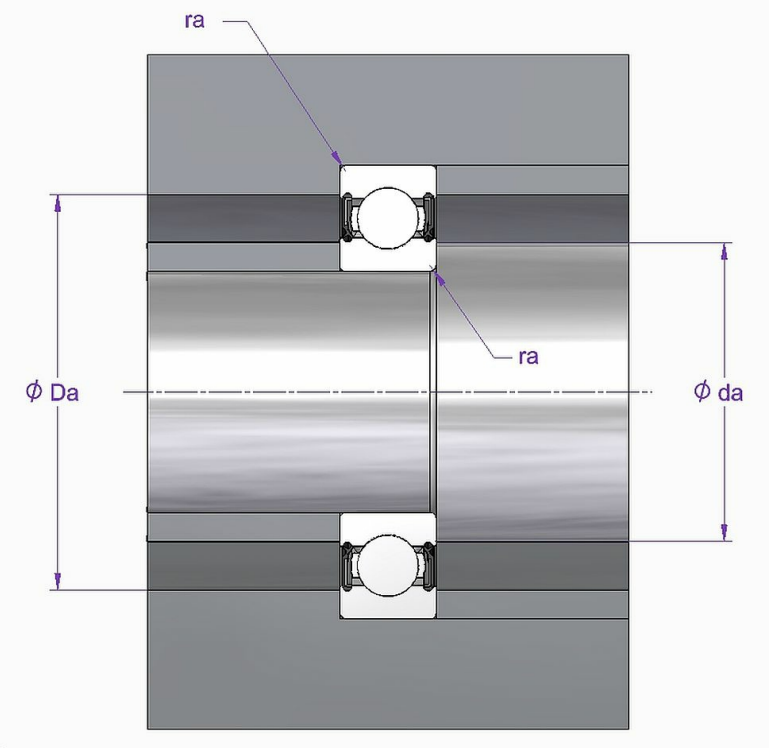
article 6009 C3 **Art-No.** 40163 **brand** SKA **weight/kg** 0.245

description

6009 Size
C3 Internal clearance

dimensions and tolerances





dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	45	0 / -12	620-2
D	nominal outer diameter	75	0 / -13	620-2
B	width	16	0 / -120	620-2
rs min.	minimal chamfer dimension	1		625-1
C3	internal clearance	0.018/0.036		620-4
da min.	mounting dimension	49.6		5418
Da max.	mounting dimension	70.4		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**
	23200	770		281	15150	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
	9700	9200	11000			
operating temperature	**max. [°C]**	**min. [°C]**				
	130	-30				

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	Sheet steel		

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