Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

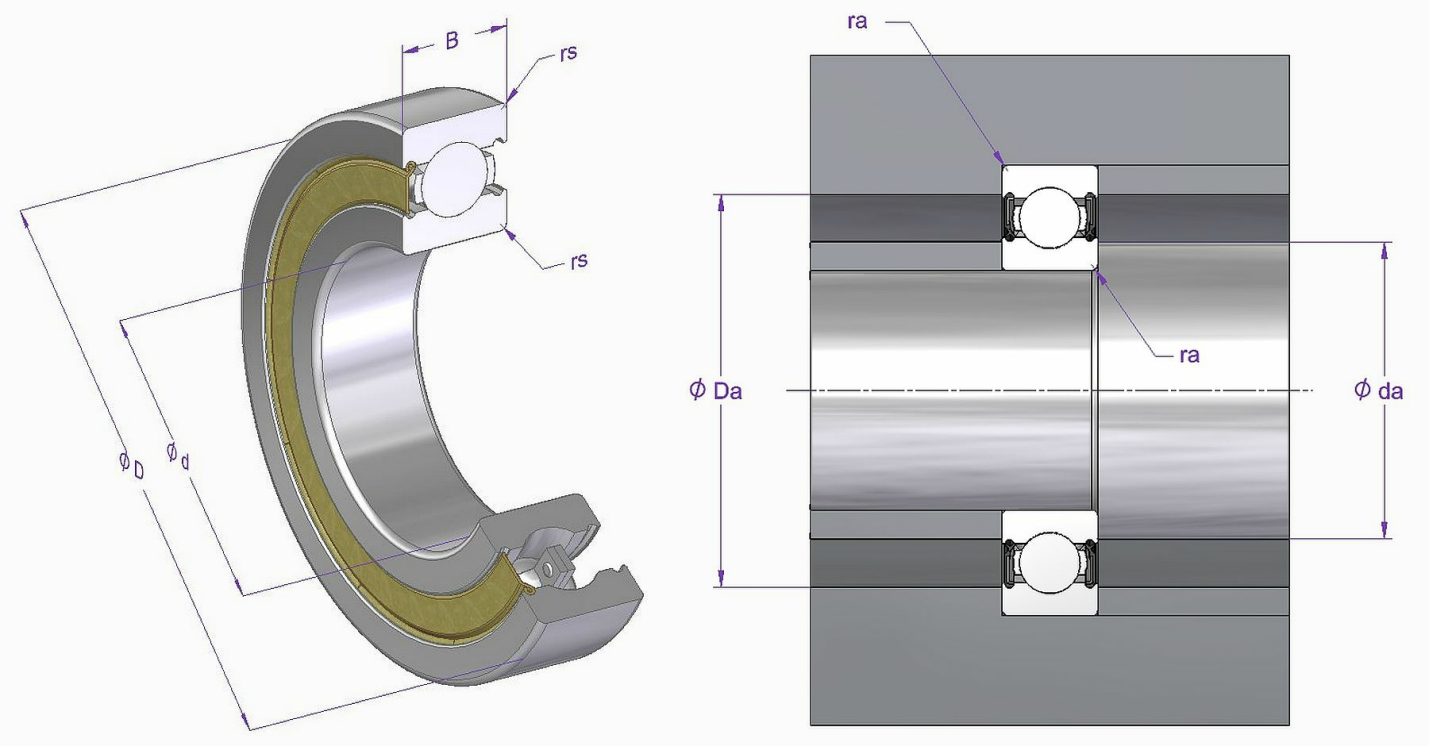
general data/description

article 6012 Z C3 **Art-No.** 49520 **brand** SKA **weight/kg** 0.415

description

6012	Size
Z	Shield on one side, not touching
C3	Internal clearance

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
C3	internal clearance	0.023/0.043		620-4
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				

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		
Shield	St12		

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