general data/description

created: 17.10.2017 / 02 page: 1 / 2

article 6205 ZZ C3 BE1 **Art-No.** 48656 **brand** SKA **weight/kg** 0.128

remark Rotational speed limit depends on lubricant.

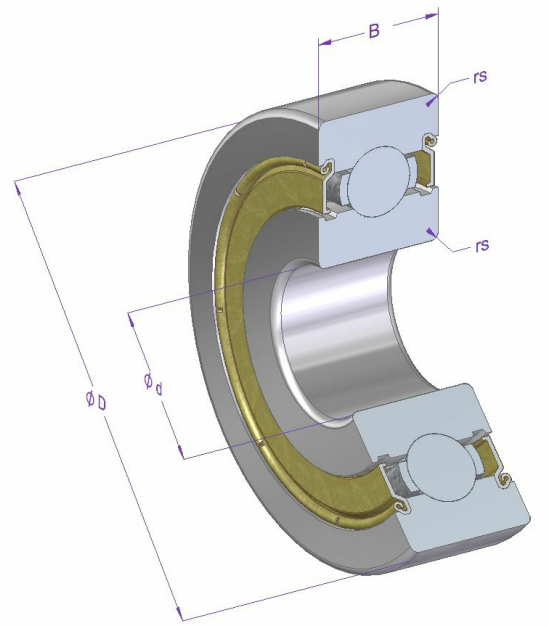
description

6205	Size
ZZ	Shields on both sides, not touching
C3	Internal clearance

greasing

BE1	KLÜBER BARRIERTA IMI

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	25	0 / -10	620-2
D	nominal outer diameter	52	0 / -13	620-2
B	width	15	0 / -120	620-2
rs min.	minimal chamfer dimension	1		625-1
C3	internal clearance	0.013 / 0.028		620-4

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	14000	400		281	7870	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		10000				
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	13	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	58-65
Cage	St12		
Shields	Sheet steel		

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

article 6205 ZZ C3 BE1 **Art-No.** 48656

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