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data sheet

general data/description

created: 12.06.2024 / 01

article 61801 Z BI7 **Art-No.** 53504 **brand** SKA **weight/kg** 0.007

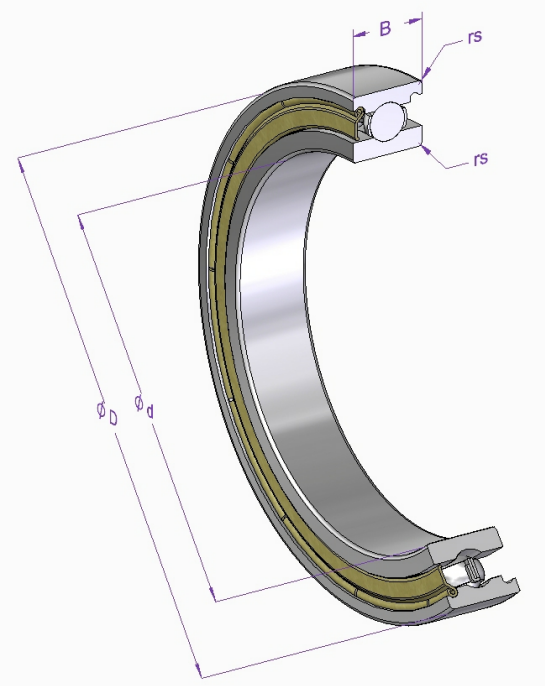
description

61801	Size
Z	Shield on one side, not touching

greasing

BI7	KLÜBER ISOFLEX TOPAS NB52

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	12	0 / -8	620-2
D	nominal outer diameter	21	0 / -9	620-2
B	width	5	0 / -120	620-2
rs min.	minimal chamfer dimension	0.3		625-1

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	1920	50	281	1040	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		32000	

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

bearing clearance	radial min. [µm]	max. [µm]
	3	18

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		
Shield	St12		

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