Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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article 6315 ZZ C3 BE1 **Art-No.** 48151 **brand** SKA **weight/kg** 3.05

remark Rotational speed limit depends on lubricant.

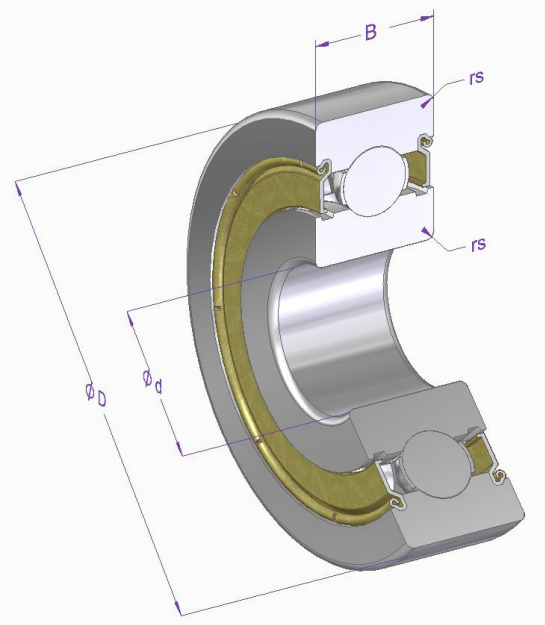
description

6315	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	75	0 / -15	620-2
D	nominal outer diameter	160	0 / -25	620-2
B	width	37	0 / -150	620-2
rs min.	minimal chamfer dimension	2.1		625-1
C3	internal clearance	0.025 / 0.051		620-4

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	113000	3700	281	77200	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		3300	

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

bearing clearance	radial min. [µm]	max. [µm]
	25	51

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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	St12		
Sealing washers	St12/NBR		
Sealing washer	St12/NBR		
Balls	Si3N4		
Cage	Sheet steel		
Shield	Sheet steel		
Shield	St12		
Shields	Sheet steel		
Inner ring	100CrMnSi6-4	683-17	58-65
Outer ring	100CrMnSi6-4	683-17	58-65
Balls	100CrMnSi6-4	683-17	58-65
Cage	CuZn40Pb2		
Sealing washer	Sheet steel/NBR		
Sealing washers	Sheet steel/NBR		
Cage	PA66		
Sealing washers	St12/NBR, grey		
Sealing washers	Sheet steel		

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