Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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article 6316 2RS C3 NS1 **Art-No.** 49306 **brand** SKA **weight/kg** 3.65

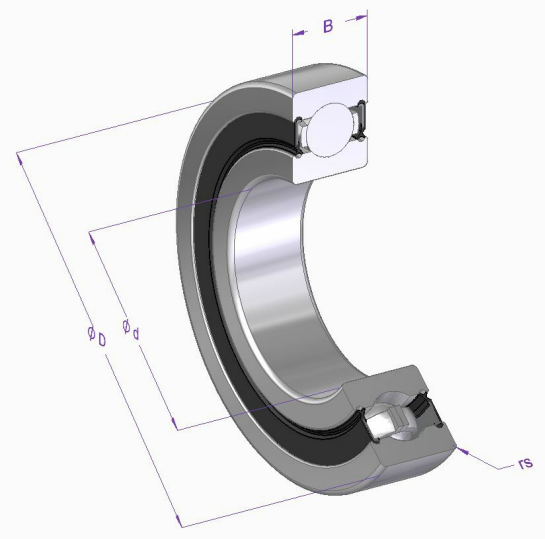
description

6316	Size
2RS	Sealing washers on both sides, touching
C3	Internal clearance

greasing

NS1	KYODO YUSHI RAREMAX SUPER N

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	80	0 / -15	620-2
D	nominal outer diameter	170	0 / -25	620-2
B	width	39	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**
	123000	4040		281	86700	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		2800				
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	25	51				

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		
Sealing washers	St12/NBR		

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