Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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article ZKLN 2052 2RS BE4 **Art-No.** 48229 **brand** SKA **weight/kg** 0.31

remark Axial preload force 8258 N - Axial rigidity 650 N/µm - Axial runout are based on rotaring inner ring: 2µm

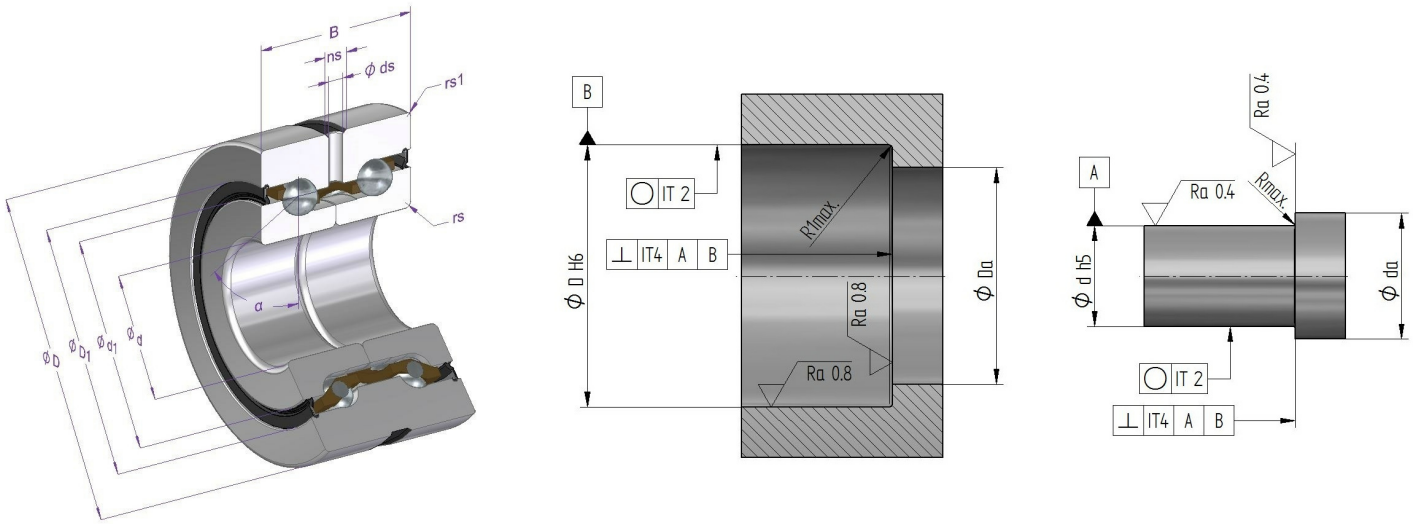
description

ZKLN	Design
2052	Size
2RS	Sealing washers on both sides, touching

greasing

BE4	KLÜBERPLEX BEM41-132

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	20	0 / -5	620-2
D	nominal outer diameter	52	0 / -10	
B	width	28	0 / -250	620-2
d1	mounting dimension	34.5		
D1	mounting dimension	-		
rs min.	minimal chamfer dimension	0.3		
rs1 min.	minimaler Kantenabstand	0.6		
alpha	contact angle	60°		
ns	lubrication groove width	3		
ds	diameter lubrication hole	3x Ø3		
d h5	mounting dimension	20	0 / -9	
da min.	mounting dimension	25		
D H6	mounting dimension	52	0 / 19	
Da max.	mounting dimension	43		
Rmax.	mounting dimension	0.3		
R1max.	mounting dimension	0.6		
Ca [N]	dynamic load rating, axial	28500		
C0a [N]	static load capacity, axial	47000		
Cua [N]	fatigue limit load, axial	2750		

calculation and operating data

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		6600	

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

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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	PA66 + GF25		
Sealing washers	Sheet steel/NBR		

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