Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

general data/description

created: 31.10.2018 / 01 page: 1 / 2

article ZKLN 1034 2RS BE4 **Art-No.** 48581 **brand** SKA **weight/kg** 0.10

remark Axial preload force 4891 N - Axial rigidity 325 N/µm - Axial runout are based on rotaring inner ring: 2µm

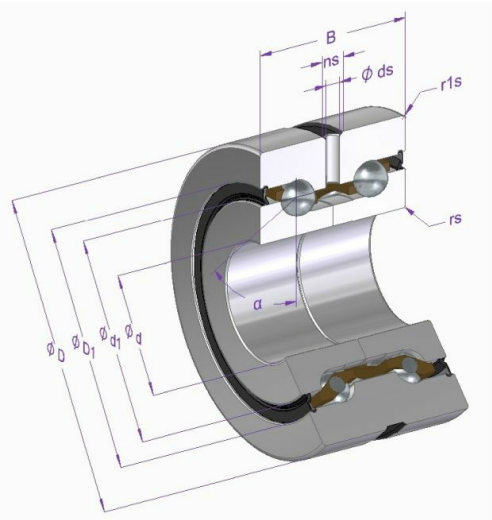
description

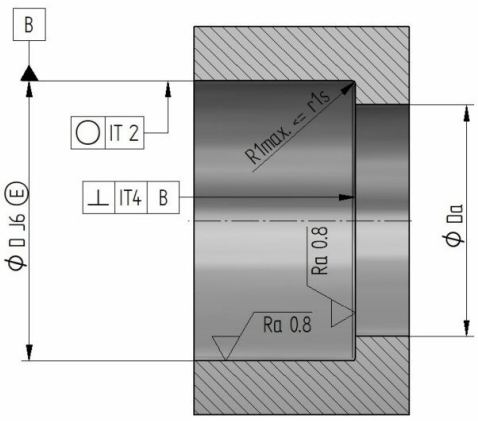
ZKLN	Design
1034	Size
2RS	Sealing washers on both sides, touching

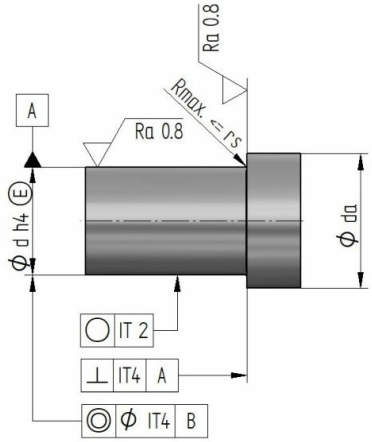
greasing

BE4	KLÜBERPLEX BEM41-132

dimensions and tolerances







dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	10	0 / -5	620-2
D	nominal outer diameter	34	0 / -10	
B	width	20	0 / -250	620-2
d1	mounting dimension	21		
D1	mounting dimension	-		
rs min.	minimal chamfer dimension	0.3		
r1s min.	minimal chamfer dimension	0.6		
alpha	contact angle	60°		
ns	lubrication groove width	3.5		
ds	diameter lubrication hole	3x Ø1.2		
d h4	mounting dimension	10	0 / -4	
da min.	mounting dimension	14		
D J6	mounting dimension	34	-6 / 10	
Da max.	mounting dimension	28		
Rmax.	mounting dimension	0.3		
R1max.	mounting dimension	0.6		
Ca [N]	dynamic load rating, axial	14700		
C0a [N]	static load capacity, axial	18800		
Cua [N]	fatigue limit load, axial	1110		

calculation and operating data

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		10900	

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

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

article ZKLN 1034 2RS BE4 **Art-No.** 48581

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	Plastic material		
Sealing washers	Sheet steel/NBR		

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