Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

general data/description

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article B 71813 C T U L P4 QT BM3 **Art-No.** 47246 **brand** SKA **weight/kg** 0.12

description

B	Design
71813	Size
C	Pressure angle
T	Hard tissue cage
U	Universally pairable
L	Slight preload
P4	Tolerance class
QT	Grease quantity

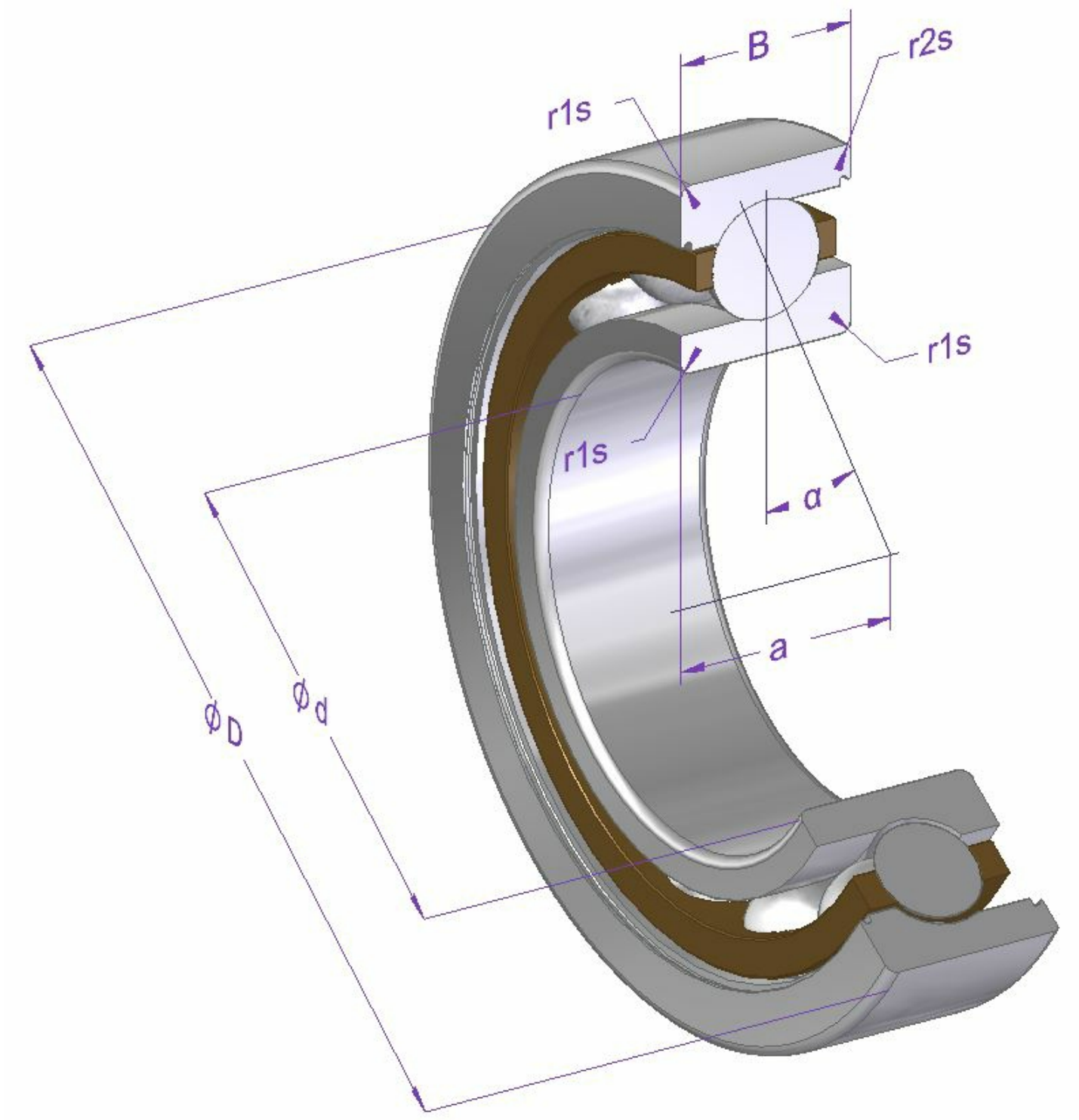
greasing

BM3	KLÜBERPLEX BEM34-131N

dimensions and tolerances

article B 71813 C T U L P4 QT BM3 **Art-No.** 47246

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	65	0 / -7	620-2
D	nominal outer diameter	85	0 / -8	620-2
B	width	10	0 / -150	620-2
rs1 min	minimal chamfer dimension	0.6		628-6
rs2 min	minimal chamfer dimension	0.3		628-6
a	load application point	~ 16		
alpha	contact angle	15°		628-6

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calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	13500	770	281	14800	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		15000	23000

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

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	PF		

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