Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

article MR 85 ZZ MC3 W02 BI3 **Art-No.** 50119 **brand** SKA **weight/kg** 0.0003

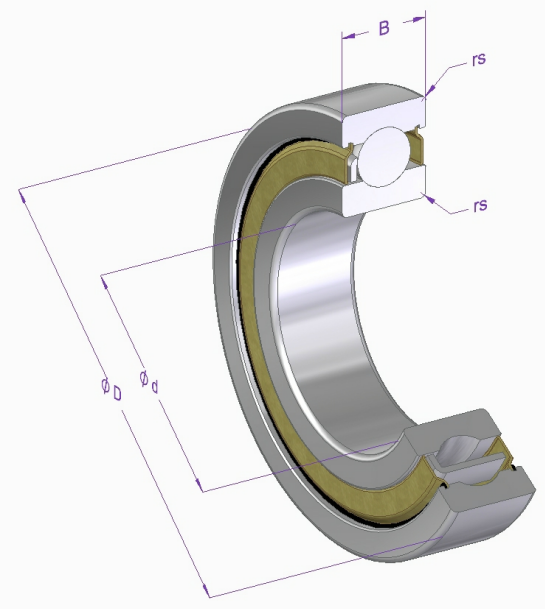
description

MR	Design
85	Size
ZZ	Shields on both sides, not touching
MC3	Internal clearance
W02	Width

greasing

BI3	KLÜBER ISOFLEX LDS18 SPEZIAL A

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	5	0 / -5	SONDER
D	nominal outer diameter	8	0 / -8	620-2
B	width	2	0 / -120	SONDER
rs min.	minimal chamfer dimension	0.1		WERKSNORM
MC3	internal clearance	0.005 / 0.01		WERKSNORM

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	217	4	281	91	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		53000	

operating temperature	max. [°C]	min. [°C]
	120	-50

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	58-66
Cage	SUS304		
Shields	St12		
Snap rings	56Mn4		

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