Hans Saurer Kugellager AG
Niederfeld 38
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data sheet

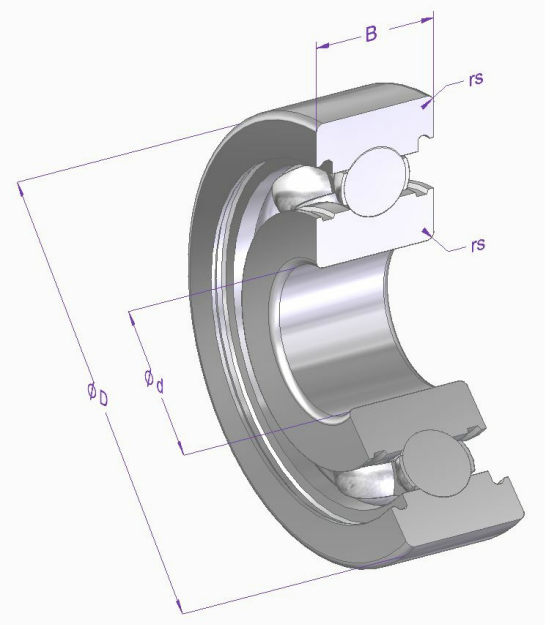
general data/description

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article 6303 **Art-No.** 49838 **brand** SKA **weight/kg** 0.115

description
6303 Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	17	0 / -8	620-2
D	nominal outer diameter	47	0 / -11	620-2
B	width	14	0 / -120	620-2
rs min.	minimal chamfer dimension	1		625-1

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	13600	340	281	6580	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		15000	18000

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

bearing clearance	radial min. [µm]	max. [µm]
	3	18

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		

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