Hans Saurer Kugellager AG
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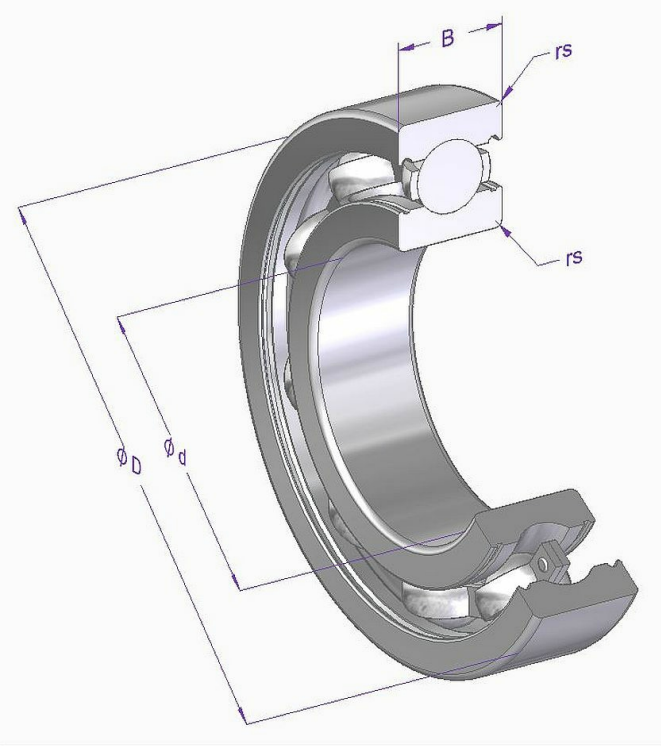
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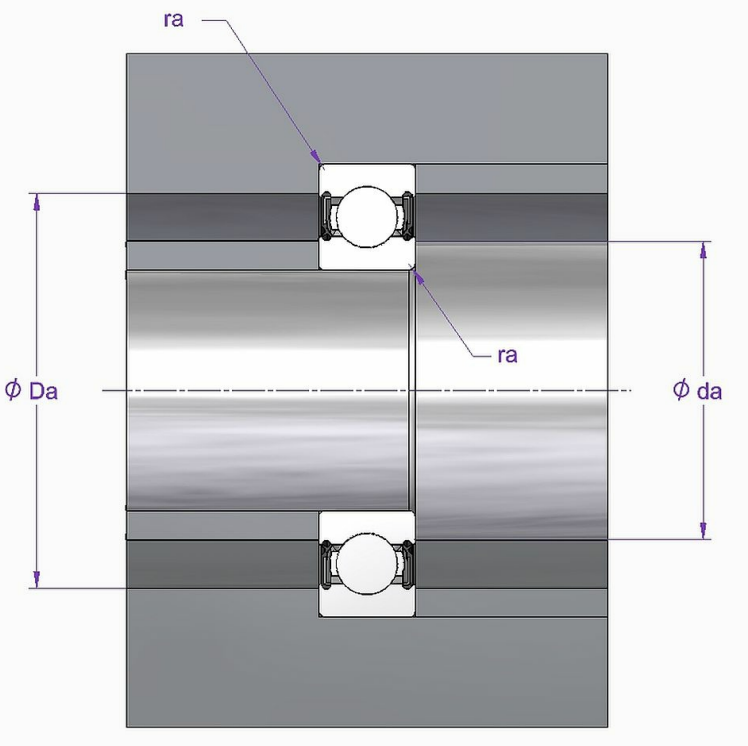
general data/description

article 6018 **Art-No.** 46831 **brand** SKA **weight/kg** 1.17

description
6018 Size

dimensions and tolerances





dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	90	0 / -20	620-2
D	nominal outer diameter	140	0 / -18	620-2
B	width	24	0 / -200	620-2
rs min.	minimal chamfer dimension	1.5		625-1
da min.	mounting dimension	97		5418
Da max.	mounting dimension	133		5418
ra max.	mounting dimension	1.5		5418

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	64400	2400	281	49800	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		4800	5600

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

bearing clearance	radial min. [µm]	max. [µm]
	12	36

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	St12		

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