Hans Saurer Kugellager AG
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data sheet

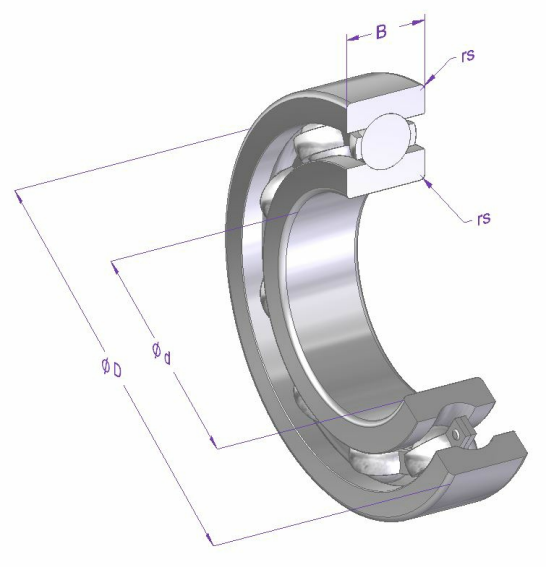
general data/description

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article 16044 **Art-No.** 48877 **brand** SKA **weight/kg** 11.50

description
16044 Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	220	0 / -30	620-2
D	nominal outer diameter	340	0 / -40	620-2
B	width	37	0 / -300	620-2
rs min.	minimal chamfer dimension	2.1		625-1

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	181000	6700	281	216000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		1600	2000

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

bearing clearance	radial min. [µm]	max. [µm]
	25	85

material specification

description	material	DIN/ISO	hardness
Cage	St12		
Sealing washers	St12/NBR		
Shields	St12		
Shields	Sheet steel		
Cage	CuZn40Pb2		
Inner ring	100Cr6	683-17	58-65
Outer ring	100Cr6	683-17	58-65
Balls	100Cr6	683-17	58-65
Cage	Sheet steel		

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