Hans Saurer Kugellager AG
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data sheet

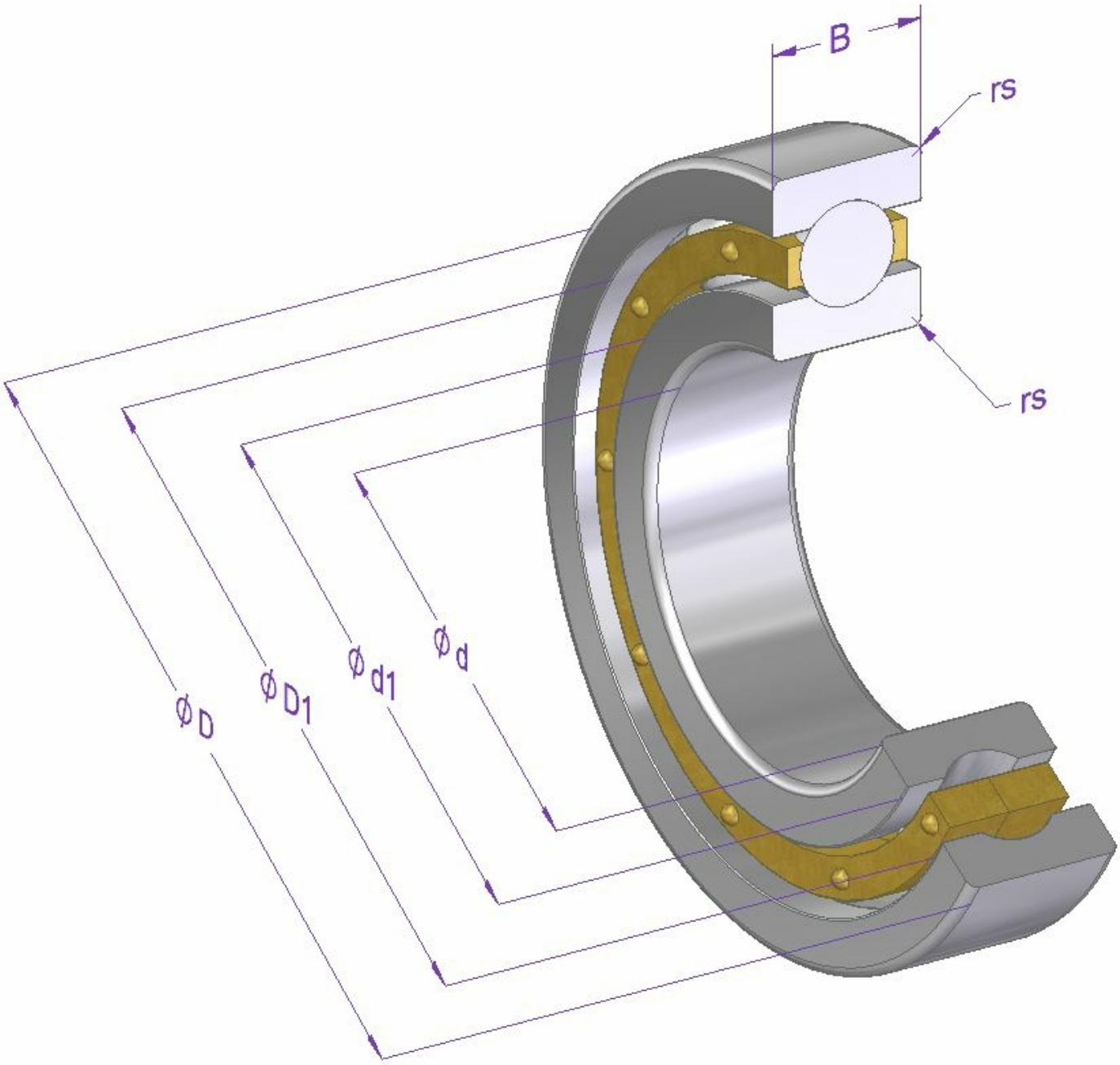
general data/description

article 61872 MA **Art-No.** 52911 **brand** SKA **weight/kg** 12.00

description

61872	Size
MA	Brass cage, outer ring centered

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	360	-40 / 0	620-2
D	nominal outer diameter	440	-45 / 0	620-2
B	width	38	-400 / 0	620-2
d1	inner shoulder diameter	385.7		
D1	outer shoulder diameter	414.1		
rs min.	minimal chamfer dimension	2.1		625-1

article 61872 MA **Art-No.** 52911

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	177000	7200		281	276000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		1100	1300			
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	55	145				

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	CuZn40Pb2		

All information in this document was provided and checked carefully. Nevertheless, we can not assume any liability for incomplete or faulty information.