Hans Saurer Kugellager AG
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data sheet

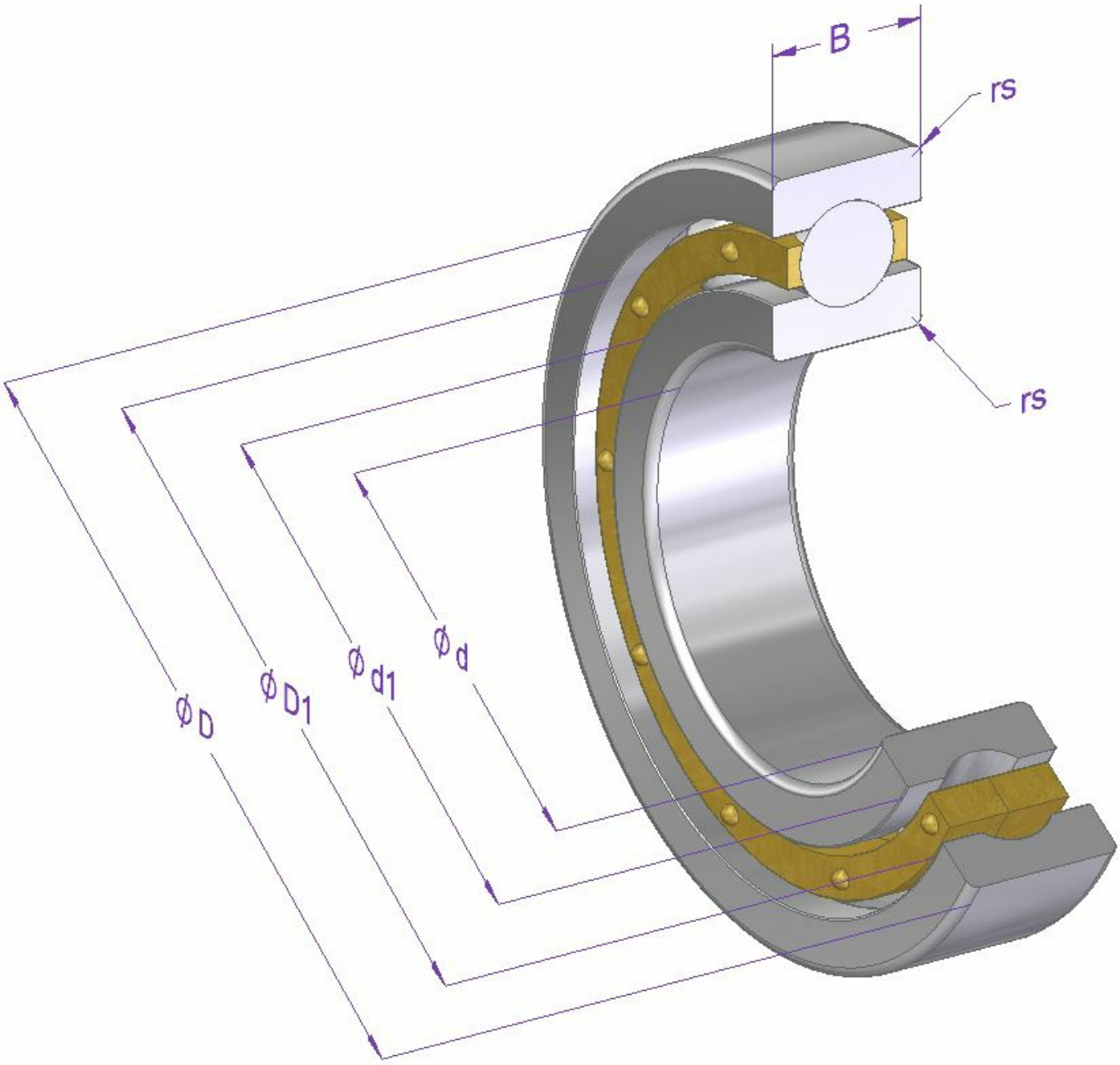
general data/description

article 61836 MA **Art-No.** 40240 **brand** SKA **weight/kg** 1.37

description

61836	Size
MA	Brass cage, outer ring centered

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	180	0 / -25	620-2
D	nominal outer diameter	225	0 / -30	620-2
B	width	22	0 / -250	620-2
rs min.	minimal chamfer dimension	1.1		625-1
d1	inner shoulder diameter	191.7		
D1	outer shoulder diameter	216.9		

article 61836 MA **Art-No.** 40240

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	56300	2100		281	69500	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
	2800	2400	2800			
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	20	61				
bearing clearance	**axial min. [µm]**	**max. [µm]**				

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		

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