Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

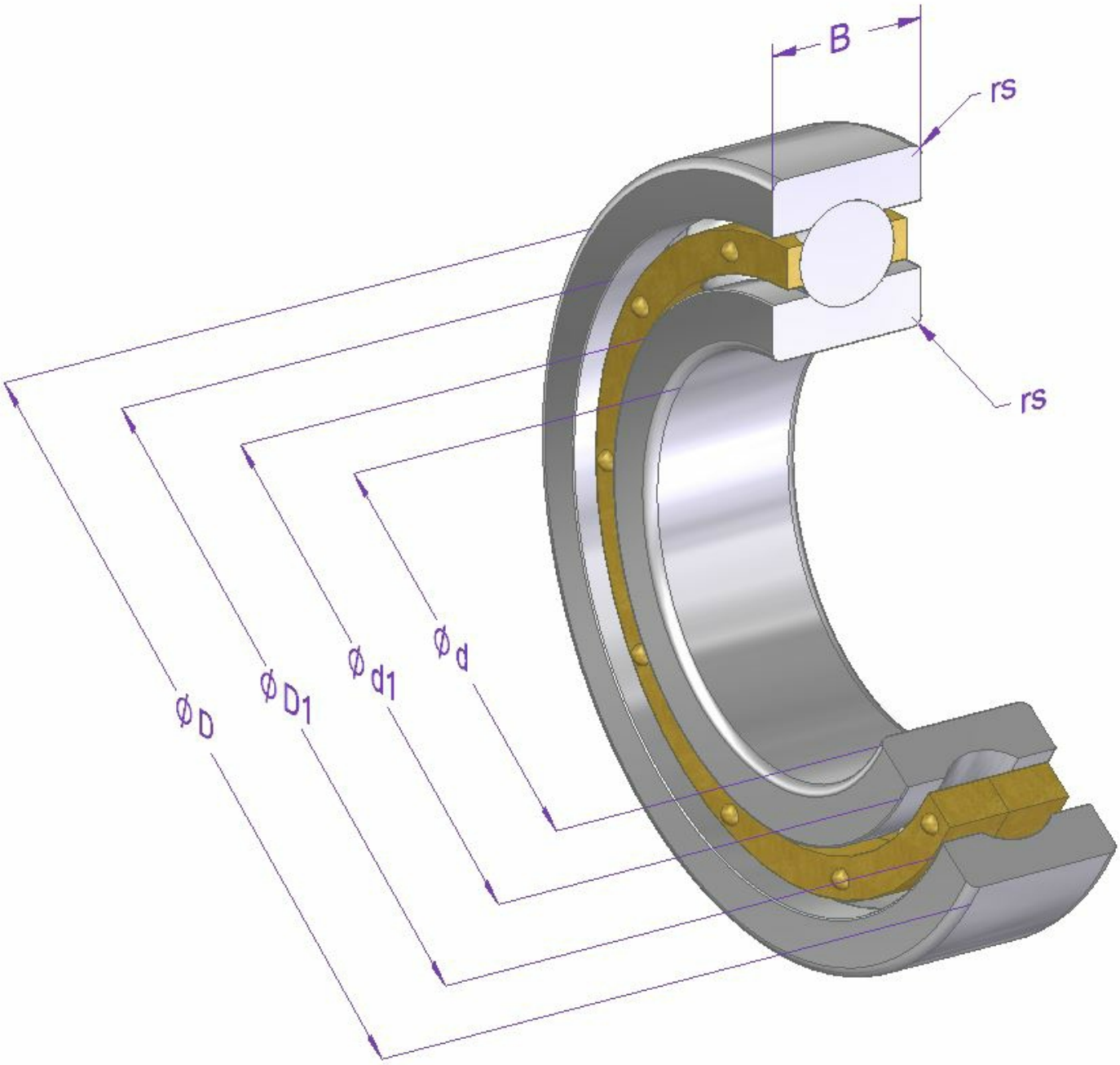
created: 04.11.2014 / 05

article 61872 MA **Art-No.** 42668 **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	-300 / 0	
D1	outer shoulder diameter	414.02	0 / 100	
rs min.	minimal chamfer dimension	2.1		625-1

article 61872 MA **Art-No.** 42668

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		

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