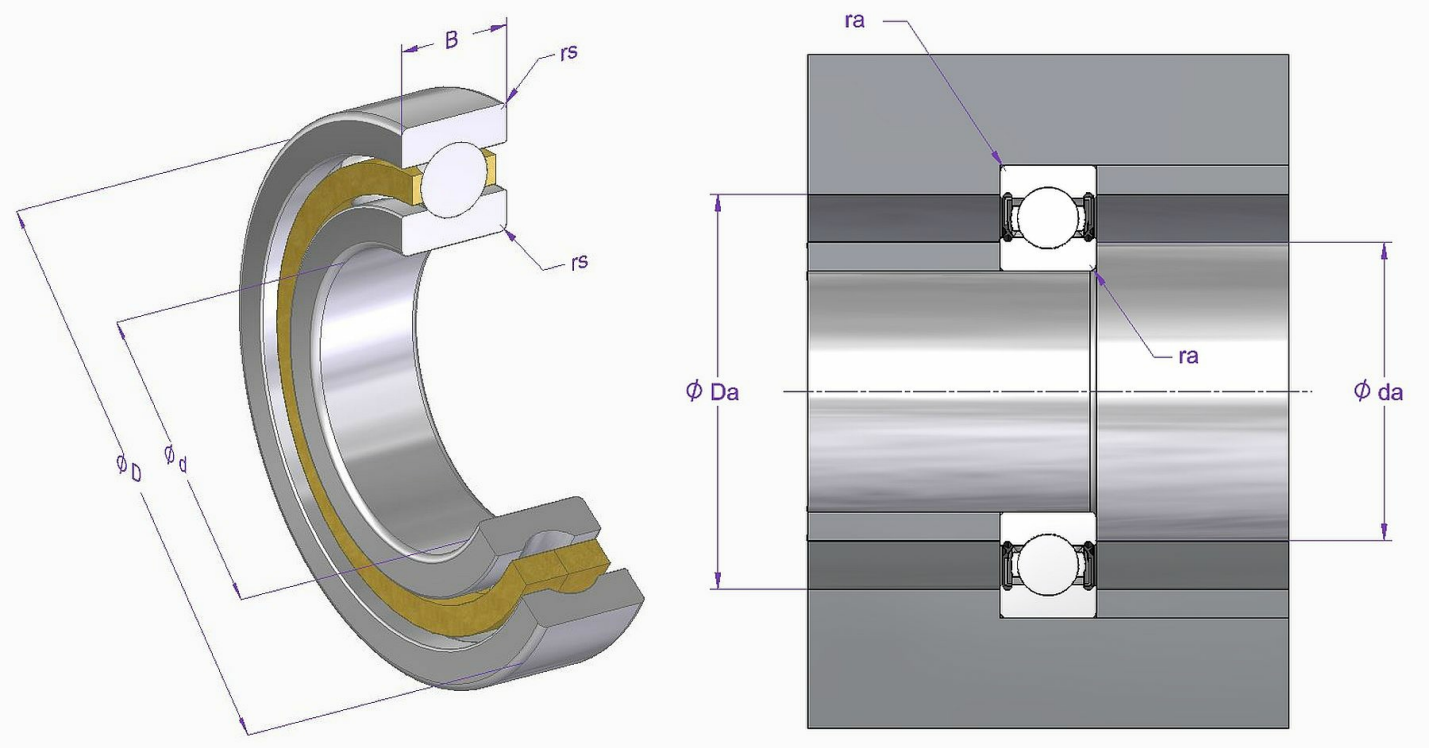
general data/description

article 6036 M **Art-No.** 52166 **brand** SKA **weight/kg** 8.80

description

6036 Size
M Brass cage, ball centered

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	180	0 / -25	620-2
D	nominal outer diameter	280	0 / -35	620-2
B	width	46	0 / -250	620-2
rs min.	minimal chamfer dimension	2.1		625-1
da min.	mounting dimension	190.2		5418
Da max.	mounting dimension	269.8		5418
ra max.	mounting dimension	2.1		5418

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	216000	6950		281	203000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		2000	2400			
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	20	61				

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	CuZn40Pb2		

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