Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

general data/description

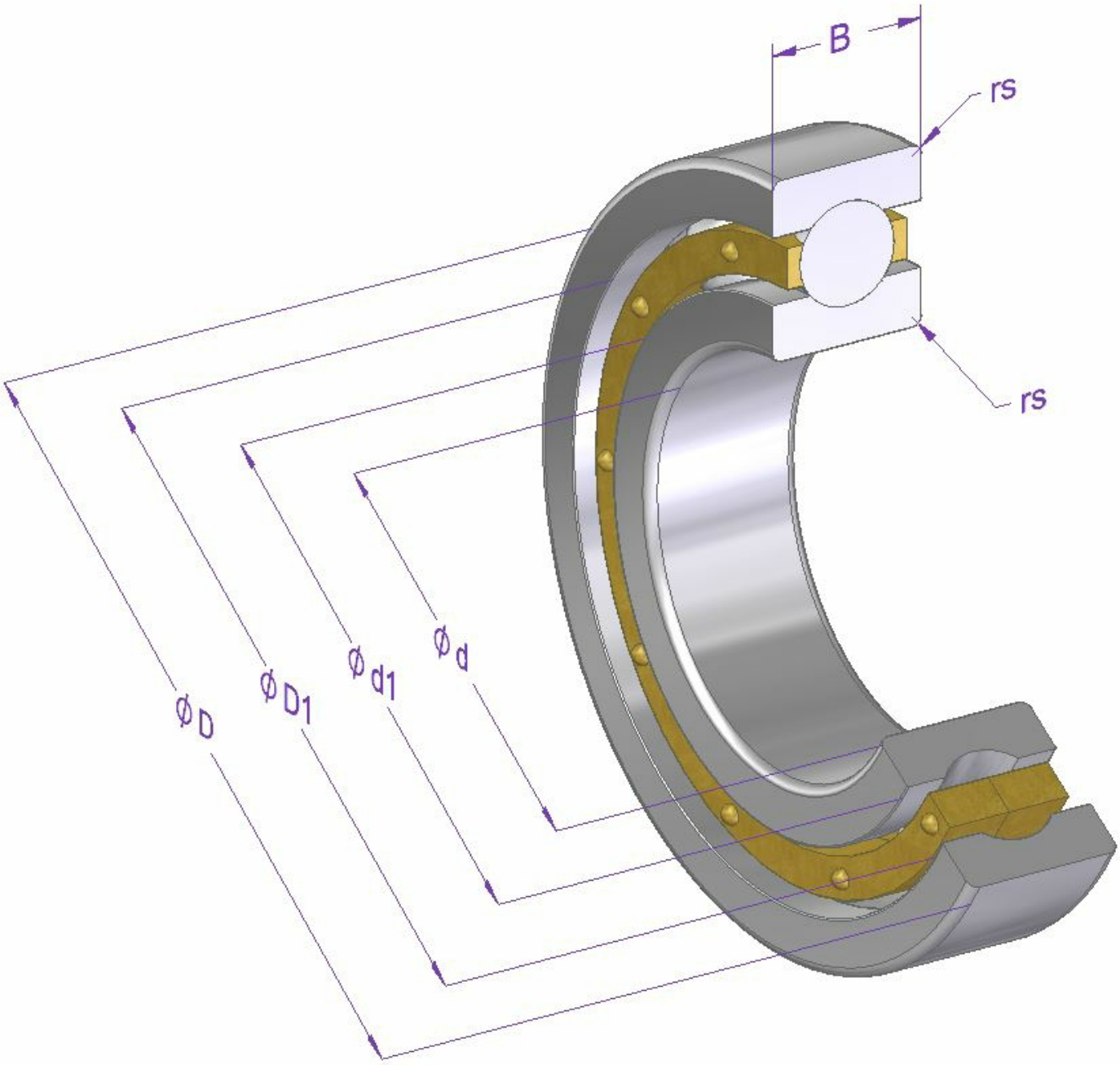
created: 23.07.2021 / 01 page: 1 / 2

article 618/560 MA **Art-No.** 50880 **brand** SKA **weight/kg** 42.00

description

618/560	Size
MA	Brass cage, outer ring centered

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	560	0 / -50	620-2
D	nominal outer diameter	680	0 / -75	620-2
B	width	56	0 / -500	620-2
rs min.	minimal chamfer dimension	3		625-1
d1	inner shoulder diameter	600	0 / -220	WERKSNORM
D1	outer shoulder diameter	640	0 / 460	WERKSNORM

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article 618/560 MA **Art-No.** 50880

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	309000	13000		281	624000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		670	800			
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	80	210				

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	ZCuZn40Pb2		

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