Hans Saurer Kugellager AG
Niederfeld 38
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data sheet

general data/description

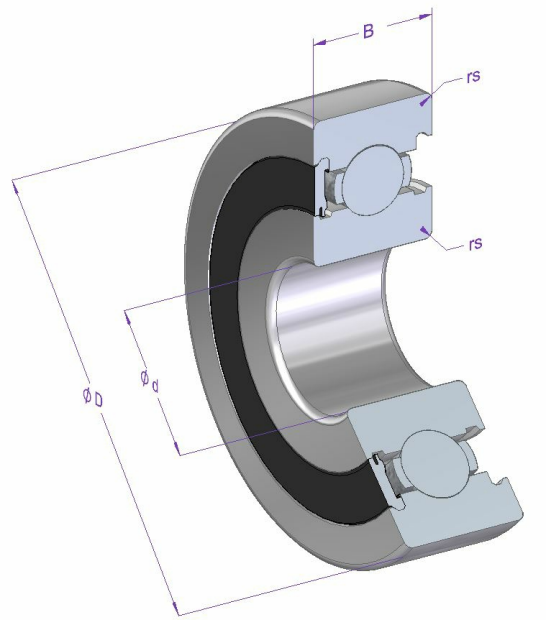
created: 29.05.2013 / 05

article 61852 CS90 MA SP01 **Art-No.** 38822 **brand** SKA **weight/kg** 4.77

description

61852	Size
CS90	Internal clearance
MA	Brass cage, outer ring centered
SP01	Precision

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	260	0 / -20	SONDER
D	nominal outer diameter	320	0 / -20	SONDER
B	width	28	0 / -350	620-2
rs min.	minimal chamfer dimension	2		625-1

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	107000	4450		281	146000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		1600	1900			
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	70	110				

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.