Hans Saurer Kugellager AG
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general data/description

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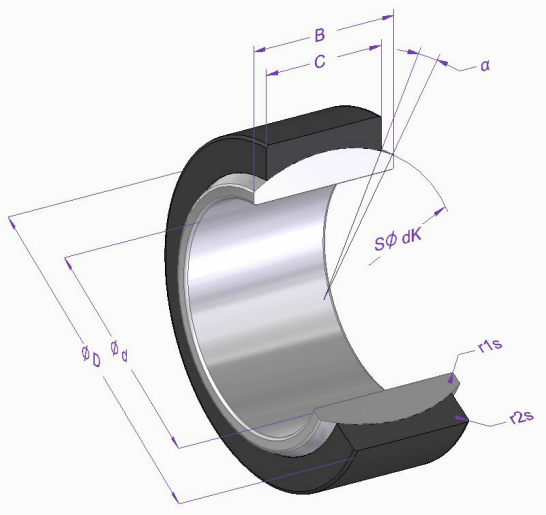
article GE 12 E **Art-No.** 50640 **brand** SKA **weight/kg** 0.016

remark All data according to manufacturer catalog.

description

GE	Design
12	Size
E	Sliding pair, requiring maintenance

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	12	0 / -8	12240-1
D	nominal outer diameter	22	0 / -9	12240-1
B	inner ring width	10	0 / -120	12240-1
C	outer ring width	7	0 / -240	12240-1
dk	ball diameter	18		12240-1
r1s min.	minimal chamfer dimension	0.3		12240-1
r2s min.	minimal chamfer dimension	0.3		12240-1
alpha	tilt angle	~10°		12240-1

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**	**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	10000			53000	
operating temperature	**max. [°C]**	**min. [°C]**			
	150	-50			
bearing clearance	**radial min. [µm]**	**max. [µm]**			
	32	68			

material specification

description	material	DIN/ISO	hardness
Inner ring	100Cr6	683-17	58-65
Outer ring	100Cr6	683-17	58-65

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