Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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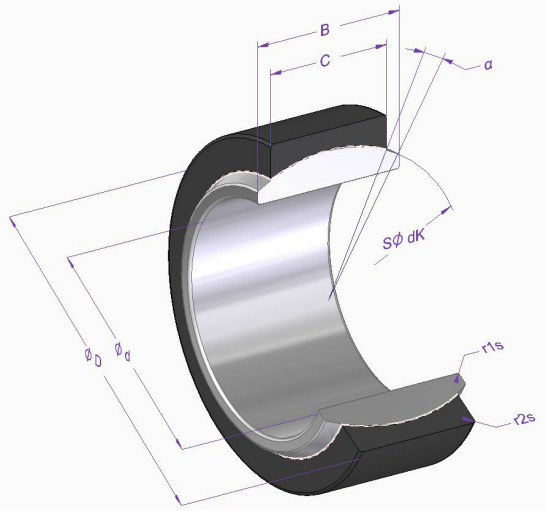
article GEG 20 C **Art-No.** 50099 **brand** SKA **weight/kg** 0.16

remark Slotted outer ring.

description

GEG	Design
20	Size
C	Sliding pair, maintenance-free

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	20	0 / -10	12240-1
D	nominal outer diameter	42	0 / -11	12240-1
B	inner ring width	25	0 / -120	12240-1
C	outer ring width	16	0 / -240	12240-1
dk	ball diameter	35.5		WERKSNORM
r1s min.	minimal chamfer dimension	0.3		12240-1
r2s min.	minimal chamfer dimension	0.3		WERKSNORM
alpha	tilt angle	~17°		12240-1

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**	**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	51000			127000	
operating temperature	**max. [°C]**	**min. [°C]**			
	150	-50			
bearing clearance	**radial min. [µm]**	**max. [µm]**			
	5	35			

material specification

description	material	DIN/ISO	hardness
Inner ring	100Cr6	683-17	58-65
Outer ring	C45		
Slide coating	Fabric/PTFE		

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