Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

created: 04.03.2020 / 02 page: 1 / 1

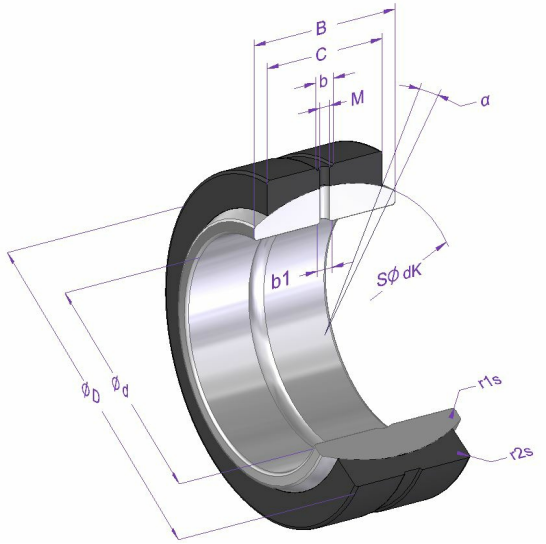
article GE 20 ES **Art-No.** 50105 **brand** SKA **weight/kg** 0.065

remark All data according to manufacturer catalog.

description

GE	Design
20	Size
ES	Sliding pair, requiring maintenance

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	20	0 / -10	12240-1
D	nominal outer diameter	35	0 / -11	12240-1
B	inner ring width	16	0 / -120	12240-1
C	outer ring width	12	0 / -240	12240-1
dk	ball diameter	29		12240-1
r1s min.	minimal chamfer dimension	0.3		12240-1
r2s min.	minimal chamfer dimension	0.3		12240-1
b	groove width outer ring	3.1		WERKSNORM
b1	groove width inner ring	3.1		WERKSNORM
M	diameter lubrication hole	2		WERKSNORM
alpha	tilt angle	~9°		12240-1

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	30000			146000	

operating temperature	max. [°C]	min. [°C]
	150	-50

bearing clearance	radial min. [µm]	max. [µm]
	40	82

material specification

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

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