Hans Saurer Kugellager AG
Niederfeld 38
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general data/description

created: 05.03.2020 / 01 page: 1 / 1

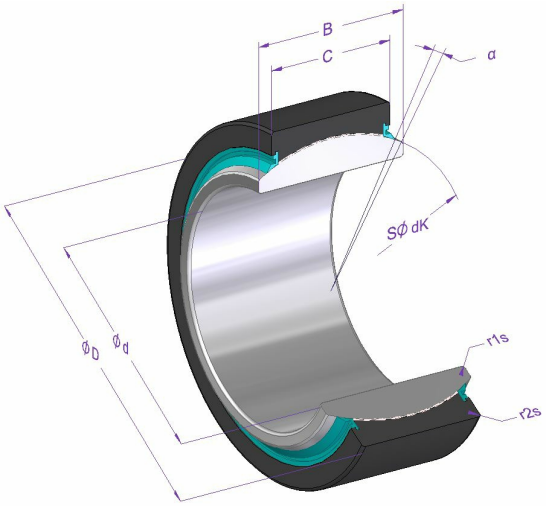
article GE 45 TXE 2LS **Art-No.** 39751 **brand** SKA **weight/kg** 0.416

remark All data according to manufacturer catalog.

description

GE	Design
45	Size
TXE	Sliding pair, maintenance-free
2LS	Sealing washers on both sides, touching

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	45	0 / -12	12240-1
D	nominal outer diameter	68	0 / -13	12240-1
B	inner ring width	32	0 / -120	12240-1
C	housing washer width	25	0 / -300	12240-1
dk	ball diameter	60		12240-1
r1s min.	minimal chamfer dimension	0.6		12240-1
r2s min.	minimal chamfer dimension	1		12240-1
alpha	tilt angle	~7°		12240-1

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	225000			450000	

operating temperature	max. [°C]	min. [°C]
	120	-20

bearing clearance	radial min. [µm]	max. [µm]
	0	60

material specification

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

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