Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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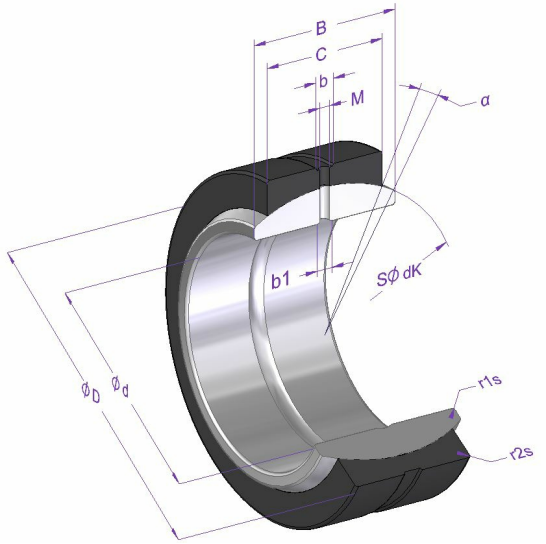
article GE 50 ES **Art-No.** 38702 **brand** **weight/kg** 0.53

remark All data according to manufacturer catalog.

description

GE	Design
50	Size
ES	Sliding pair, requiring maintenance

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	50	0 / -12	12240-1
D	nominal outer diameter	75	0 / -13	12240-1
B	inner ring width	35	0 / -120	12240-1
C	outer ring width	28	0 / -300	12240-1
dk	ball diameter	66		12240-1
r1s min.	minimal chamfer dimension	0.6		12240-1
r2s min.	minimal chamfer dimension	1		12240-1
alpha	tilt angle	~6°		12240-1
b	groove width outer ring	4.6		WERKSNORM
b1	groove width inner ring	4.6		WERKSNORM
M	diameter lubrication hole	3		WERKSNORM

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	156000			780000	

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

bearing clearance	radial min. [µm]	max. [µm]
	60	120

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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