Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

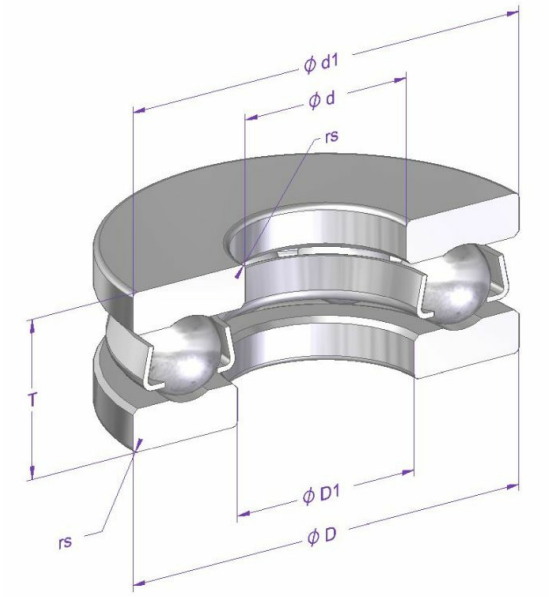
general data/description

created: 08.08.2018 / 01

article 51209 **Art-No.** 42040 **brand** SKA **weight/kg** 0.32

description
51209 Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter, shaft washer	45	0 / -12	620-3
D	nominal outer diameter, housing washer	73	0 / -19	620-3
T	bearing height	20	-250 / 20	620-3
d1 max.	nominal outer diameter, shaft washer	73		711
D1 min.	nominal inner diameter, housing washer	47		711
rs min.	minimal chamfer dimension	1		711

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	47700	5000	281	114000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		2600	4000

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

material specification

description	material	DIN/ISO	hardness
Shaft washer	100Cr6	683-17	58-65
Housing washer	100Cr6	683-17	58-65
Balls	100Cr6	683-17	58-65
Cage	St12		

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