Hans Saurer Kugellager AG
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data sheet

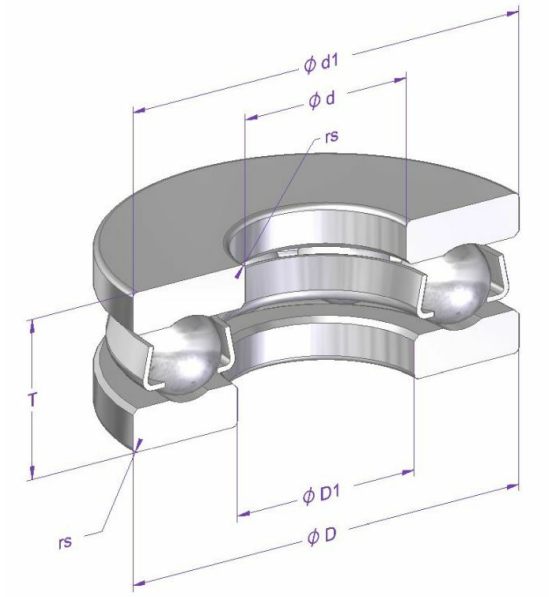
general data/description

created: 22.08.2013 / 20

article 51205 **Art-No.** 40162 **brand** SKA **weight/kg** 0.12

description
51205 Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter, shaft washer	25	0 / -10	620-3
D	nominal outer diameter, housing washer	47	0 / -16	620-3
T	bearing height	15	20 / -250	620-3
d1 max.	nominal outer diameter, shaft washer	47		711
D1 min.	nominal inner diameter, housing washer	27		711
rs min.	minimal chamfer dimension	0.6		711

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	27800	2450	281	54800	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		3700	5300

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	Sheet steel		

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