Hans Saurer Kugellager AG
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data sheet

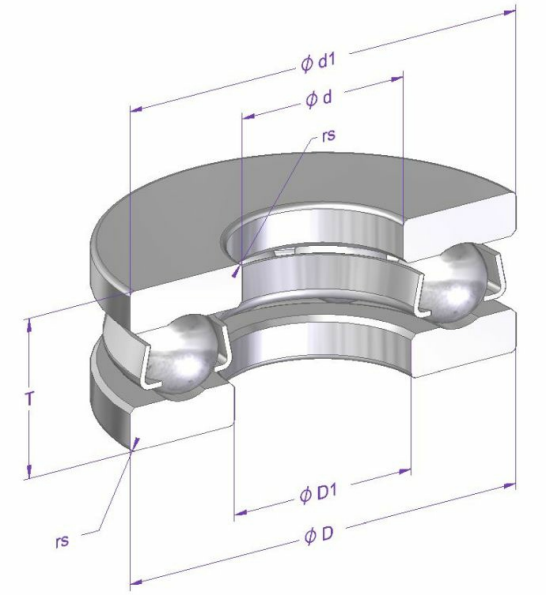
general data/description

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article 51305 **Art-No.** 41594 **brand** SKA **weight/kg** 0.18

description
51305 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	52	0 / -19	620-3
T	bearing height	18	20 / -250	620-3
d1 max.	nominal outer diameter, shaft washer	52		711
D1 min.	nominal inner diameter, housing washer	27		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
	35700	3000	281	66800	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		3200	5000

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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