Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

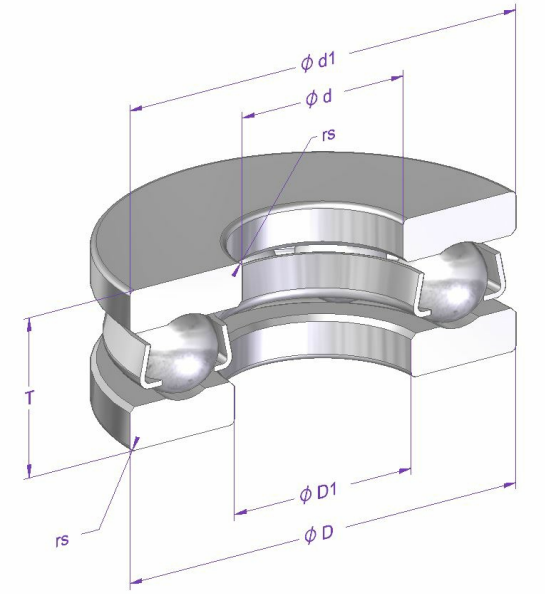
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article F 3-8M **Art-No.** 48171 **brand** SKA **weight/kg** 0.0008

description

F	Design
3-8M	Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter, shaft washer	3	0 / -8	620-3
D	nominal outer diameter, housing washer	8	0 / -8	620-2
T	bearing height	3.5	-250 / 20	620-3
d1	nominal outer diameter, shaft washer	7.8	-50 / 0	
D1 min.	nominal inner diameter, housing washer	~3.2		
rs min.	minimal chamfer dimension	0.15		WERKSNORM

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	1100	50	281	1180	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		16000	24000

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

material specification

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

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