Hans Saurer Kugellager AG
Niederfeld 38
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data sheet

general data/description

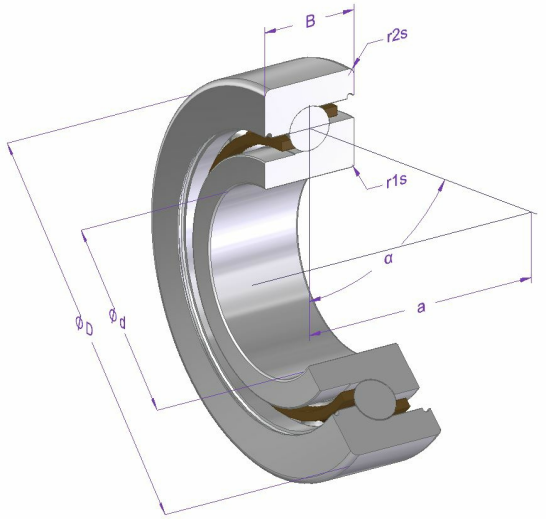
created: 11.01.2019 / 03

article 7602050 TVP **Art-No.** 47851 **brand** SKA **weight/kg** 0.575

description
7602050 size
TVP Plastic cage

remark Axial requiered locknut force 16810 N - Axial rigidity 1360 N/µm - Axial runout are based on rotaring inner ring: 2µm

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	50	0 / -6	620-2
D	nominal outer diameter	90	0 / -8	620-2
B	width	20	0 / -120	620-2
r1s min.	minimal chamfer dimension	1.1		616
r2s min.	minimal chamfer dimension	1.1		616
a	load application point	70.6		
alpha	contact angle	60°		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	41000	5400		122000	

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		4300	

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

material specification

description	material	DIN/ISO	hardness
Inner ring	100Cr6	683-17	58-65
Outer ring	100Cr6	683-17	58-65
Balls	100Cr6	683-17	58-65
Cage	PA66+GF25		

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