Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

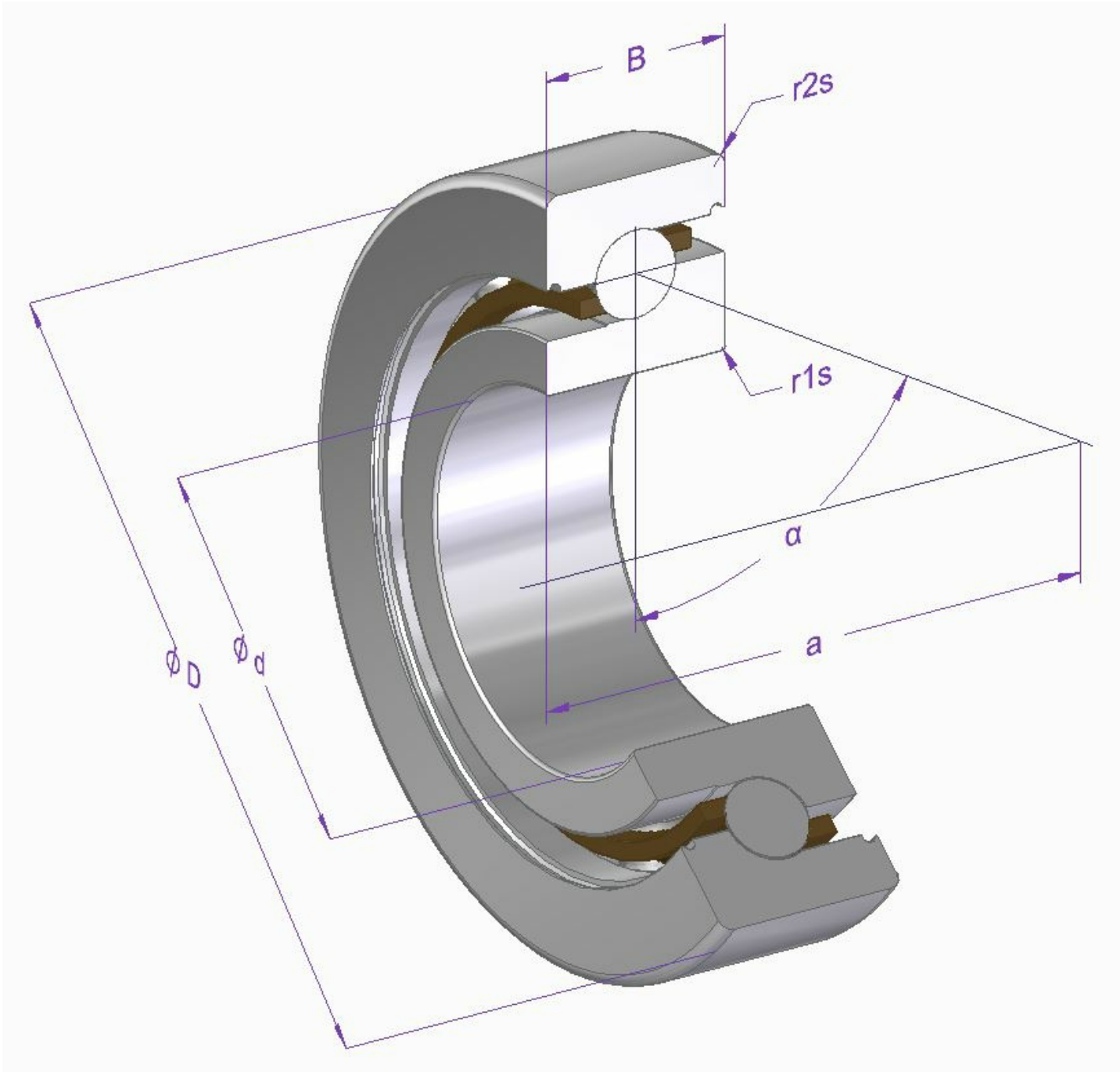
general data/description

article 7602015 TVP **Art-No.** 49601 **brand** SKA **weight/kg** 0.052

description
7602015 Size
TVP Plastic cage

remark Axial preload force 5740 N - Axial rigidity 516 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	15	0 / -4	620-2
D	nominal outer diameter	35	0 / -6	620-2
B	width	11	0 / -80	620-2
r1s min.	minimal chamfer dimension	0.6		616
r2s min.	minimal chamfer dimension	0.6		616
a	load application point	~27.5		
alpha	contact angle	60°		
Ca [N]	dynamic load rating, axial	13100		
C0a [N]	static load capacity, axial	24700		

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article 7602015 TVP **Art-No.** 49601

dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Cua [N]	fatigue limit load, axial	1120		

calculation and operating data

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		12300	

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		

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