Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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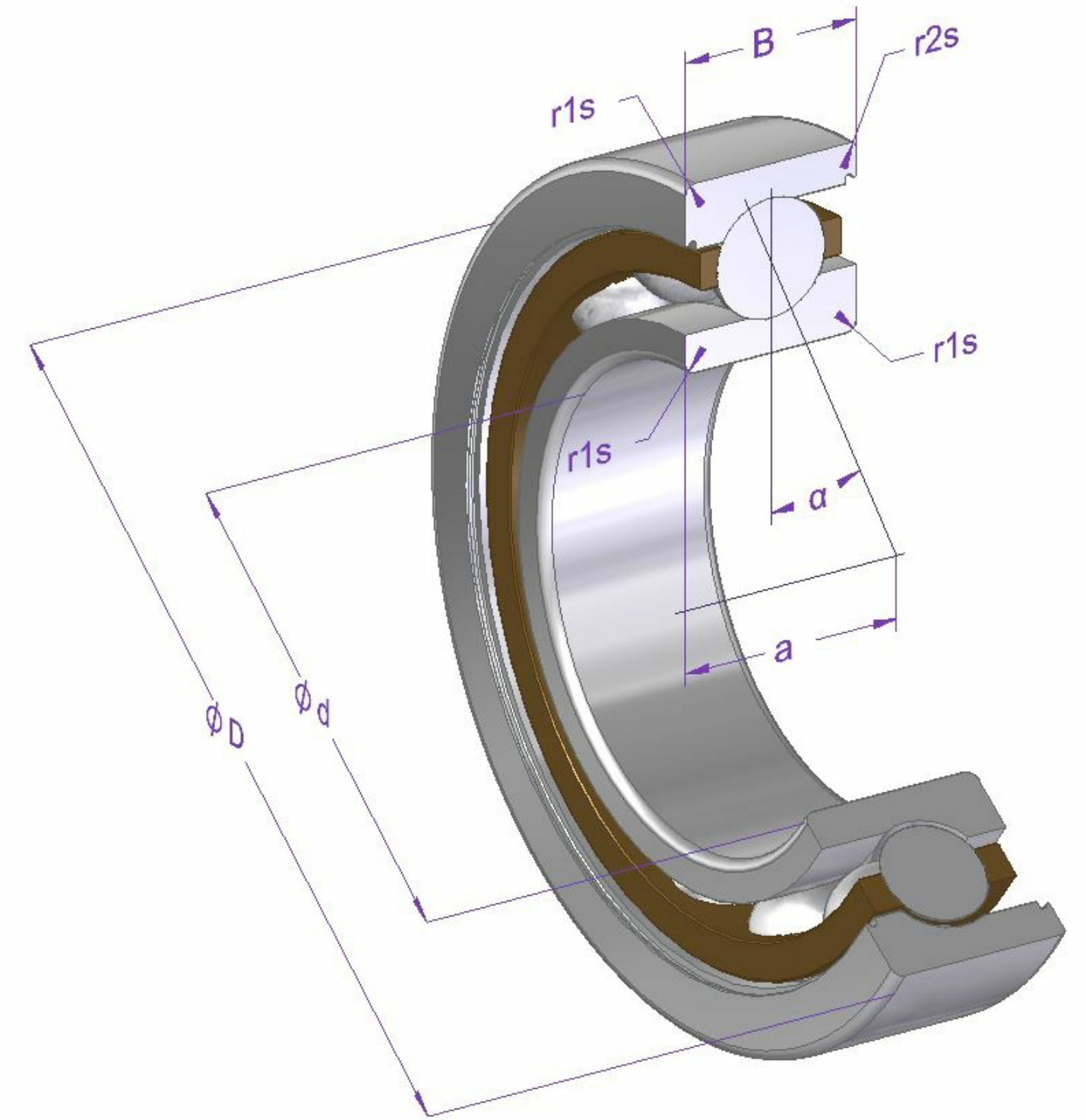
article 7005 C TYN SU L P4 **Art-No.** 38714 **brand** **weight/kg** 0.088

remark All data according to manufacturer catalog.

description

7005	Size
C	Pressure angle
TYN	Plastic cage
SU	Universally pairable
L	Slight preload
P4	Tolerance class

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	25	0 / -5	620-2

article 7005 C TYN SU L P4 **Art-No.** 38714

dimension	Description	[mm]	tolerance [µm]	DIN/ISO
D	nominal outer diameter	47	0 / -6	620-2
B	width	12	50 / -150	
r1s min.	minimal chamfer dimension	0.6		616
r2s min.	minimal chamfer dimension	0.3		616
alpha	contact angle	15°		
a	load application point	~10.8		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	11700		281	7400	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		22000	30000

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	PA46		

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