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data sheet

general data/description

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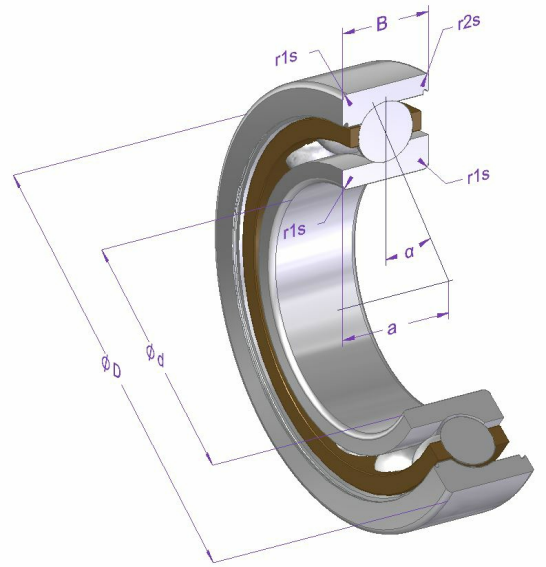
article 7008 C TR SU L P3 **Art-No.** 9917 **brand** **weight/kg** 0.208

remark All data according to manufacturer catalog.

description

7008	Size
C	Pressure angle
TR	Hard tissue cage
SU	Universally pairable
L	Slight preload
P3	Tolerance class

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	40	0 / -6	620-2
D	nominal outer diameter	68	0 / -7	620-2
B	width	15	0 / -120	620-2
r1s min.	minimal chamfer dimension	1		616
r2s min.	minimal chamfer dimension	0.6		616
alpha	contact angle	15°		
a	load application point	~14.7		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	20600		281	15900	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		15000	20000

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	Hard tissue		

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