general data/description

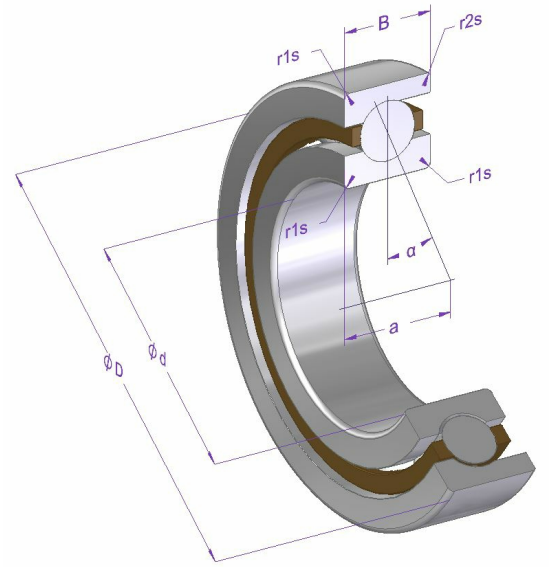
created: 18.08.2021 / 01 page: 1 / 2

article B 7008 E T DU L P4S **Art-No.** 51713 **brand** SKA **weight/kg** 0.416

remark Tolerance class P4S: dimensional accuracy P4, running accuracy P2, according DIN 620-2. Load and speed data refer to the single bearing. When installing in sets, please contact SKA's technical service.

description	
B	Design
7008	Size
E	Pressure angle
T	Hard tissue cage
DU	Layout
L	Slight preload
P4S	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		628-6
r2s min.	minimal chamfer dimension	0.6		WERKSNORM
a	load application point	20.1		
alpha	contact angle	25°		
E dT	Diameter injection pitch	50.8		
Fv	pretension [N]	141		
c	axial stiffness [N/µm]	98.6		
KaE	Lift-off force [N]	410		

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**	**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	19900	1130	281	10600	76

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

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