general data/description

created: 24.11.2020 / 01 page: 1 / 2

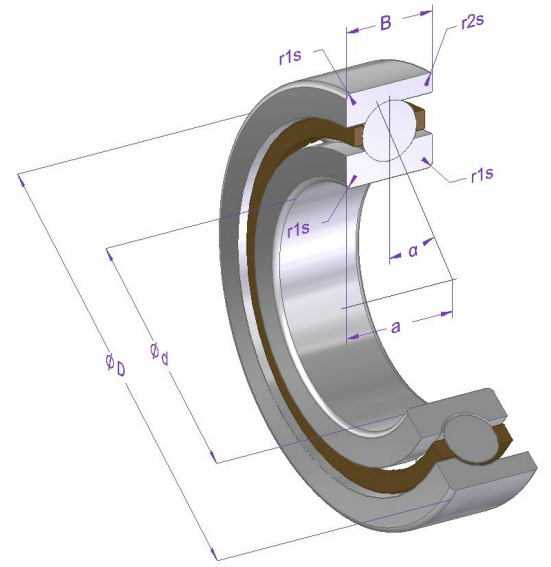
article B 7020 E T U M P4S **Art-No.** 51430 **brand** SKA **weight/kg** 1.44

remark Tolerance class P4S: dimensional accuracy P4, running accuracy P2, according DIN 620-2.

description

B	Design
7020	Size
E	Pressure angle
T	Hard tissue cage
U	Universally pairable
M	Medium preload
P4S	Tolerance class

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	100	0 / -8	620-2
D	nominal outer diameter	150	0 / -9	620-2
B	width	24	0 / -200	620-2
r1s min.	minimal chamfer dimension	1.5		616
r2s min.	minimal chamfer dimension	1		WERKSNORM
a	load application point	~41.1		
alpha	contact angle	25°		
Fv	pretension [N]	2336		
c	axial stiffness [N/µm]	385		
KaE	Lift-off force [N]	7018		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	76400	3580	281	76800	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		8000	13000

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	Phenolic resin		

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

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