Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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article HS 7000 E T 2RSD DU M P4S BQ2 **Art-No.** 50442

brand SKA **weight/kg** 0.038

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.

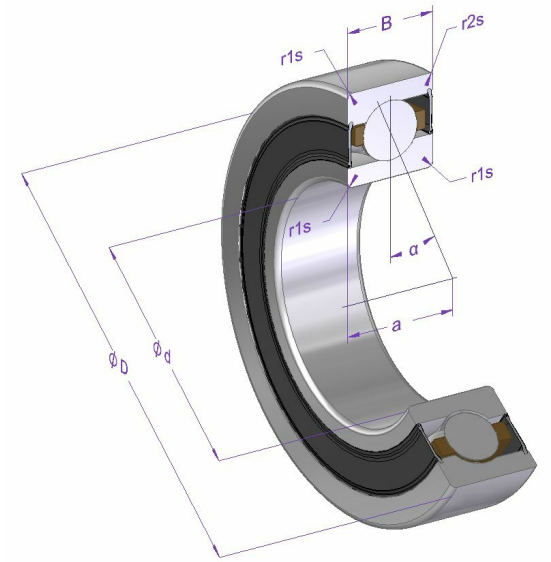
description

HS	Design
7000	Size
E	Pressure angle
T	Hard tissue cage
2RSD	Sealing washers on both sides, not touching
DU	Bearing-set
M	Medium preload
P4S	Tolerance class

greasing

BQ2	KLÜBERQUIET BQ74-73N

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	10	0 / -4	620-2
D	nominal outer diameter	26	0 / -5	620-2
B	width	8	0 / -40	620-2
r1s min.	minimal chamfer dimension	0.3		628-6
r2s min.	minimal chamfer dimension	0.3		WERKSNORM
a	load application point	~8.2		
alpha	contact angle	25°		
Fv	pretension [N]	45		
c	axial stiffness [N/µm]	40		
KaE	Lift-off force [N]	133		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	2610	79	281	1510	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		85000	

operating temperature	max. [°C]	min. [°C]
	120	-20

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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		
Sealing washers	St12/NBR		

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