general data/description

created: 05.10.2020 / 01 page: 1 / 2

article 7002 A5 TYN VV SU L P4 NB5 **Art-No.** 35182

brand **weight/kg** 0.034

remark The tolerances and the load rating and rotation speed information refer to the single bearing. The valid factors for bearing sets must be observed. In case of doubt, contact the technical service of SKA.

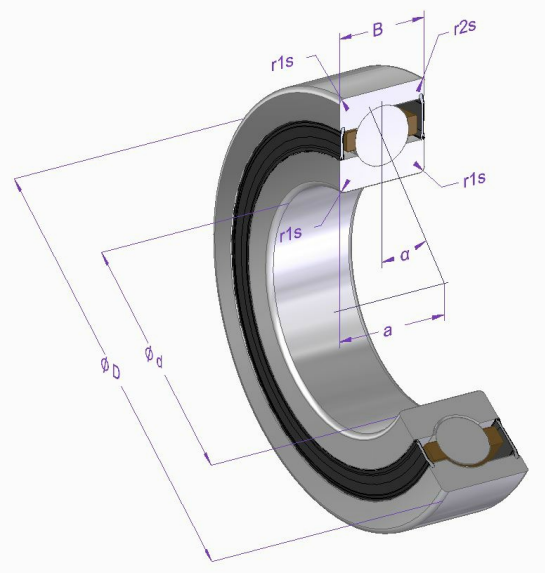
description

7002	Size
A5	Pressure angle
TYN	Plastic cage
VV	Sealing washers on both sides, not touching
SU	Layout
L	Slight preload
P4	Tolerance class

greasing

NB5	KLÜBER ISOFLEX NBU 15

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	15	0 / -4	620-2
D	nominal outer diameter	32	0 / -6	620-2
B	width	9	0 / -80	WERKSNORM
r1s min.	minimal chamfer dimension	0.3		628-6
r2s min.	minimal chamfer dimension	0.15		WERKSNORM
a	load application point	~10		
alpha	contact angle	25°		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	5970	165	281	3240	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		24000	

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		
Sealing washers	Sheet steel/NBR		

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