general data/description

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article 7002 C TYN VV DU L P4T SB BQ2 **Art-No.** 42563

brand **weight/kg** 0.03

remark Load and speed data refer to the single bearing. When installing in sets, please contact SKA's technical service.

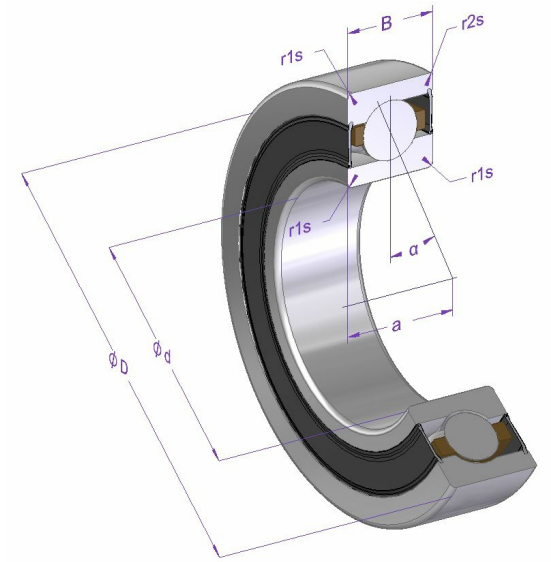
description

7002	Size
C	Pressure angle
TYN	Plastic cage
VV	Sealing washers on both sides, not touching
DU	Bearing-set
L	Slight preload
P4T	Tolerance class
SB	Small balls

greasing

BQ2	KLÜBERQUIET BQ74-73N

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	620-2
r1s min.	minimal chamfer dimension	0.3		628-6
r2s min.	minimal chamfer dimension	0.15		628-6
a	load application point	~7.6		
alpha	contact angle	15°	-2° / 2°	
Fv	pretension [N]	13		
c	axial stiffness [N/µm]	13.7		
KaE	Lift-off force [N]	38		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	3750	125	281	2440	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		60000	

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	PA46		
Sealing washers	Sheet steel/NBR		

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