general data/description

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article 7002 A5 TYN VV DU M P4T SB BQ2 **Art-No.** 38809

brand **weight/kg** 0.068

remark Load ratings and rotational speed are valid for one bearing pair (DU)!

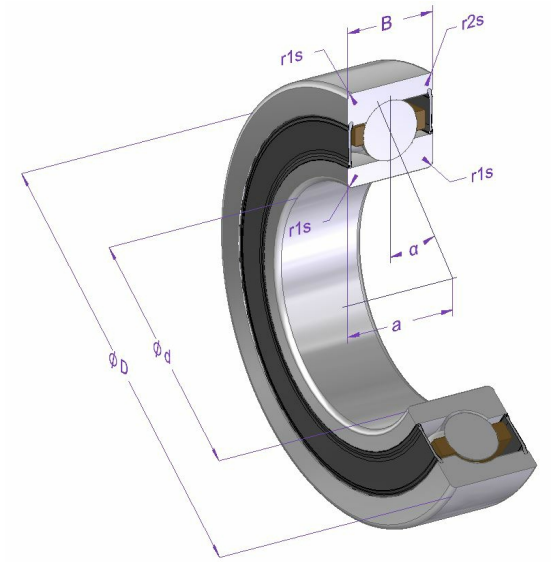
description

7002	Size
A5	Pressure angle
TYN	Plastic cage
VV	Sealing washers on both sides, not touching
DU	Bearing-set
M	Medium 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
rs1 min.	minimal chamfer dimension	0.3		628-6
rs2 min.	minimal chamfer dimension	0.15		WERKSNORM
alpha	contact angle	25°	-2° / 2°	628-6
a	load application point	~10		
Fv	pretension [N]	24.5		

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	5800			281	4650	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		23400				
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-40				
bearing clearance	**axial min. [µm]**	**max. [µm]**				
	22	37				

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

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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 + GF25		
Sealing washer	Sheet steel/NBR, black		
Sealing washer	Sheet steel/NBR, blue		

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