general data/description

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article	6004 2DVH C3 NX39.5X1,2 TM1	**Art-No.**	51542	**brand**	SKA	**weight/kg**	0.069

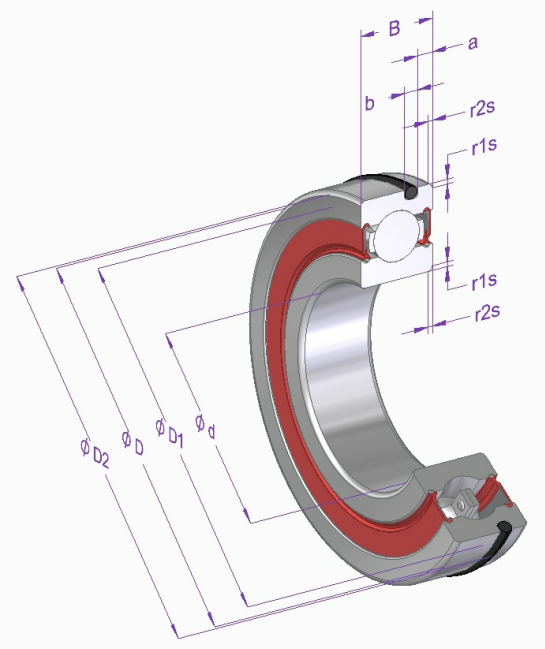
description

6004	size
2DVH	Sealing washers on both sides, touching
C3	Internal clearance
NX39.5X1,2	O-ring

greasing

TM1	LUBCON THERMOPLEX 2 TML

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	20	0 / -10	620-2
D	nominal outer diameter	42	0 / -11	620-2
B	width	12	0 / -120	620-2
r1s	minimaler Kantenabstand	0.6	0 / 400	625-1
r2s	minimaler Kantenabstand	0.6	0 / 1400	625-1
D1	groove diameter	40	-100 / 200	SONDER
a	groove distance front side	1.6	0 / 300	SONDER
b	groove width	1.45	-100 / 100	SONDER
D2	nominal outer diameter incl. O-ring	42	100 / 700	KUNDENVORGABE
C3	internal clearance	0.013 / 0.028		620-4

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	9380	260		281	5020	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		11000				
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	13	28				

article 6004 2DVH C3
NX39.5X1,2 TM1

Art-No. 51542

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	St12		
Sealing washers	St12/NBR, red		
O-ring	NBR		70 Shore A

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