general data/description

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article 61904 2DVH CS24 NX33.5X1 TM1 **Art-No.** 51541 **brand** SKA **weight/kg** 0.036

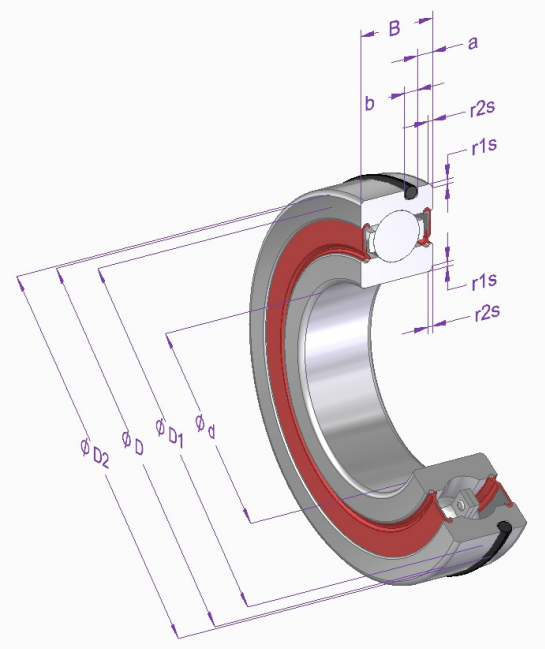
description

61904	Size
2DVH	Sealing washers on both sides, touching
CS24	Internal clearance
NX33.5X1	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	37	0 / -11	620-2
B	width	9	0 / -120	620-2
r1s	minimaler Kantenabstand	0.3	0 / 0.3	616
r2s	minimaler Kantenabstand	0.3	0 / 0.7	616
D1	groove diameter	35.4	-100 / 200	SONDER
a	groove distance front side	1.5	0 / 300	SONDER
b	groove width	1.15	0 / 200	SONDER
D2	nominal outer diameter incl. O-ring	37	100 / 700	KUNDENVORGABE
CS24	internal clearance	0.020 / 0.028		SONDER

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	6380	190	281	3680	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		12000	

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

bearing clearance	radial min. [µm]	max. [µm]
	20	28

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

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