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data sheet

general data/description

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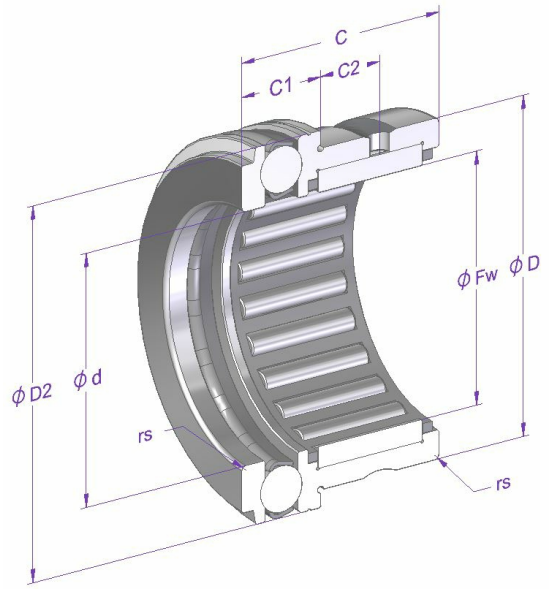
article NKX 50 **Art-No.** 45623 **brand** SKA **weight/kg** 0.30

description

remark Load ratings axial part: Ca = 29000 N / C0a = 75000 N

NKX	Design
50	Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	50	50 / 89	5429-1
Fw	inner enveloping circle diameter	50	25 / 41	5429-1
D	nominal outer diameter	62	0 / -13	620-2
D2	outer diameter	70.2		5429-1
C	width	35	0 / -250	5429-1
C1	width	14	0 / -200	5429-1
C2	distance lubrication hole	10		5429-1
rs min.	minimal chamfer dimension	0.6		5429-1

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	39000		281	75000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		2500	3200

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

material specification

description	material	DIN/ISO	hardness
Outer ring	100Cr6	683-17	58-65
Needle rollers	100Cr6	683-17	58-65
Needle cage	Sheet steel		
Balls	100Cr6	683-17	58-65
Ball Cage	Sheet steel		
Axial washer	100Cr6	683-17	58-65

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