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data sheet

general data/description

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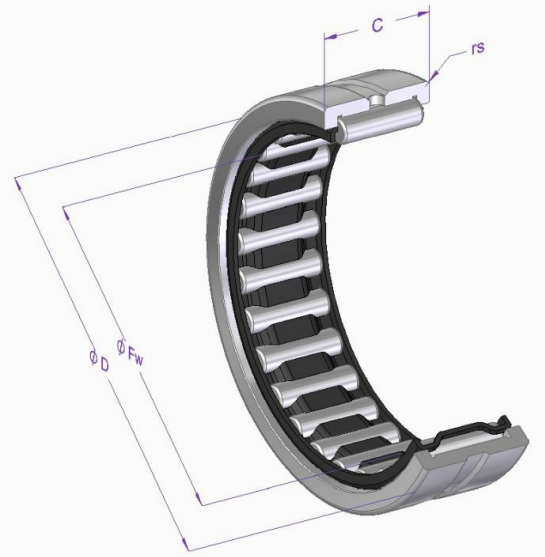
article RNA 4914 **Art-No.** 54486 **brand** SKA **weight/kg** 0.312

description

RNA Design
4914 Size

remark Load ratings and rotational speed also depending on mating track.

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	80	30 / 49	617
D	nominal outer diameter	100	0 / -15	620-2
C	width	30	0 / -150	620-2
rs min.	minimal chamfer dimension	1		617

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	81800	21200	281	155000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		3300	5000

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	58-66
Cage	St14		

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