Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

created: 08.03.2017 / 03 page: 1 / 1

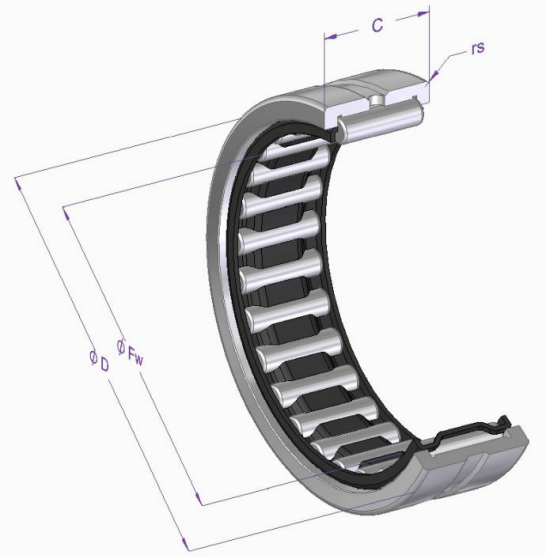
article RNA 6906 **Art-No.** 47044 **brand** SKA **weight/kg** 0.125

description

RNA Design
6906 Size

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

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
D	nominal outer diameter	47	0 / -11	620-2
C	width	30	0 / -120	620-2
Fw	inner enveloping circle diameter	35	25 / 41	617
rs min.	minimal chamfer dimension	0.3		617

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	44900	10500		281	73100	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		7500	11000			
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	35	60				

material specification

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

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