Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

created: 22.08.2016 / 04 page: 1 / 1

article HK 3520 QAY BI2 **Art-No.** 46413 **brand** SKA **weight/kg** 0.044

remark For cup needle bearings the enveloping circle diameter Fw can only be checked in installed condition.

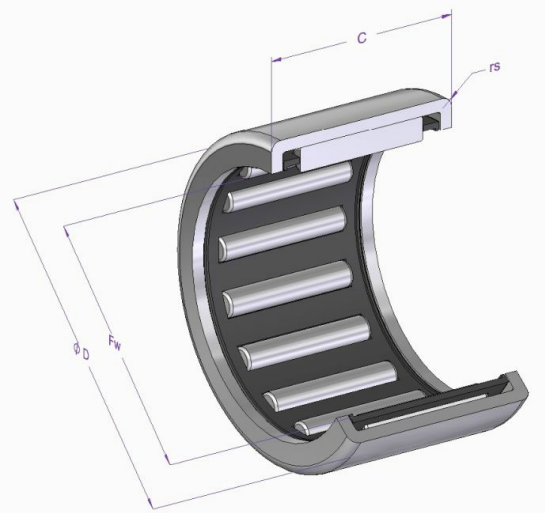
description

HK	Design
3520	Size

greasing

BI2	KLÜBER ISOFLEX TOPAS L32

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
Fw	inner enveloping circle diameter	35	25 / 50	618
D	nominal outer diameter	42		618
C	width	20	0 / -300	618
rs min.	minimal chamfer dimension	0.8		618

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	24100	6750		281	45800	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		4700				
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				

material specification

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

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