Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

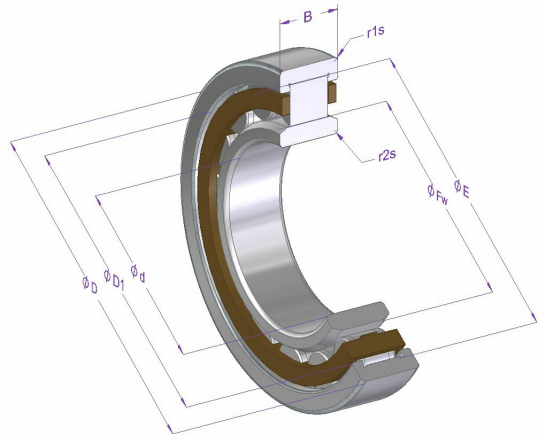
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article NU 313 E J HQS **Art-No.** 51495 **brand** SKA **weight/kg** 2.23

description

NU	Design
313	Size
E	Reinforced version
J	Sheet steel cage
HQS	Material

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	65	0 / -15	620-2
D	nominal outer diameter	140	0 / -18	620-2
B	width	33	0 / -150	620-2
r1s min.	minimal chamfer dimension	2.1		5412-1
r2s min.	minimal chamfer dimension	2.1		5412-1
Fw	inner enveloping circle diameter	82.5	0 / 20	5412-1
E	raceway diameter outer ring	124.5		5412-1
D1	outer shoulder diameter	118.8		
s	axial displacement	~ 2		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	201000	23600	281	194000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		4300	5300

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

bearing clearance	radial min. [µm]	max. [µm]
	40	70

material specification

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

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