Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

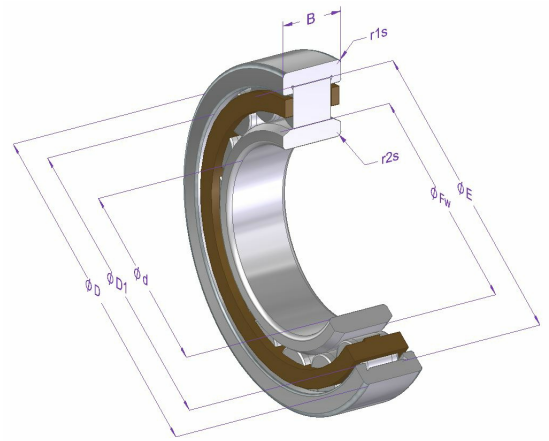
general data/description

created: 01.04.2019 / 02

article NU 324 E TVP2 HQS C3 **Art-No.** 50212 **brand** SKA **weight/kg** 13.00

description	
NU	Design
324	Size
E	Reinforced version
TVP2	Plastic cage
HQS	Material
C3	Internal clearance

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	120	0 / -20	620-2
D	nominal outer diameter	260	0 / -35	620-2
B	width	55	0 / -200	620-2
Fw	inner enveloping circle diameter	154	0 / 20	5412-1
r1s min.	minimal chamfer dimension	3		5412-1
r2s min.	minimal chamfer dimension	3		5412-1
D1	outer shoulder diameter	217.9		
E	raceway diameter outer ring	230		5412-1
s	axial displacement	~3.5		
C3	internal clearance	0.085 / 0.125		620-4

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	592000	63000	281	623000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		2200	2800

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

bearing clearance	radial min. [µm]	max. [µm]
	85	125

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	PA66 + GF25		

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