Hans Saurer Kugellager AG
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CH-9320 Stachen

data sheet

general data/description

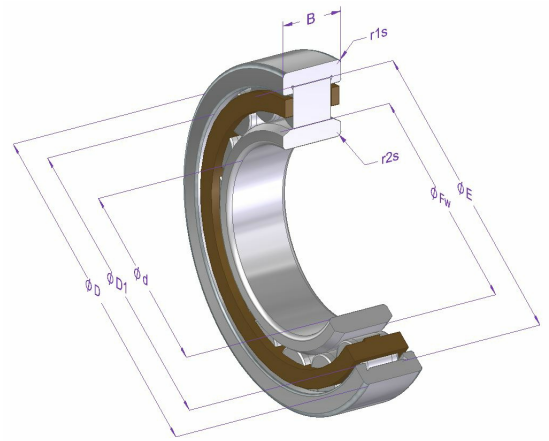
created: 01.03.2019 / 01

article NU 213 E TVP2 HQS C3 **Art-No.** 50200 **brand** SKA **weight/kg** 0.99

description

NU	Design
213	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	65	0 / -15	620-2
D	nominal outer diameter	120	0 / -15	620-2
B	width	23	0 / -150	620-2
r1s min.	minimal chamfer dimension	1.5		5412-1
r2s min.	minimal chamfer dimension	1.5		5412-1
Fw	inner enveloping circle diameter	78.5	0 / 20	5412-1
E	raceway diameter outer ring	108.5		5412-1
D1	outer shoulder diameter	104		
s	axial displacement	~ 1.5		
C3	internal clearance	0.06 / 0.09		620-4

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**	**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	107000	14800	281	119000	76

speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**
		4800	5600

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

bearing clearance	**radial min. [µm]**	**max. [µm]**
	60	90

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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