Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

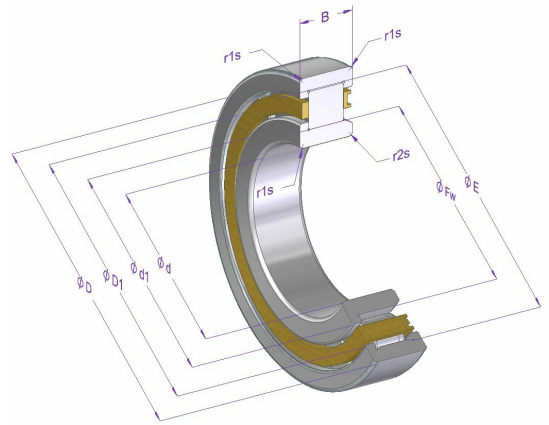
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article NJ 217 E M1 HQS C3 **Art-No.** 50008 **brand** SKA **weight/kg** 1.92

description

NJ	Design
217	Size
E	Reinforced version
M1	Brass cage, roller centered
HQS	Material
C3	Internal clearance

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	85	0 / -20	620-2
D	nominal outer diameter	150	0 / -18	620-2
B	width	28	0 / -200	620-2
r1s min.	minimal chamfer dimension	2		5412-1
r2s min.	minimal chamfer dimension	2		5412-1
Fw	inner enveloping circle diameter	100.5	0 / 20	5412-1
E	raceway diameter outer ring	136.5		5412-1
d1	inner shoulder diameter	107.1		
D1	outer shoulder diameter	131.7		
s	axial displacement	~2		
C3	internal clearance	0.075 / 0.11		620-4

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	167000	23700		281	200000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		4300	5000			
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	75	110				

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	CuZn40Pb2		

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