Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

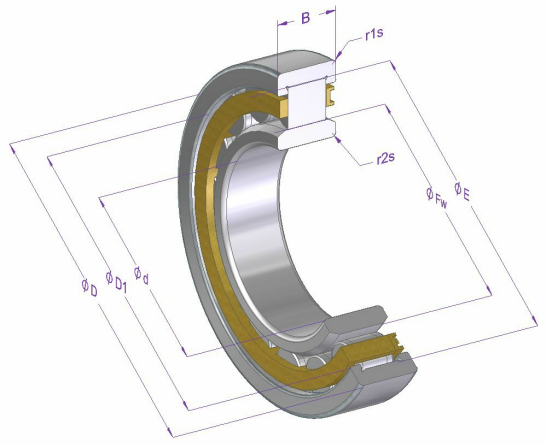
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article NU 324 E M1 HQS **Art-No.** 50188 **brand** SKA **weight/kg** 14.70

description

NU	Design
324	Size
E	Reinforced version
M1	Brass cage, roller centered
HQS	Material

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	215.46		
E	raceway diameter outer ring	230		5412-1
s	axial displacement	~3.5		

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	535000	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]**				
	50	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	Ms		

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