Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

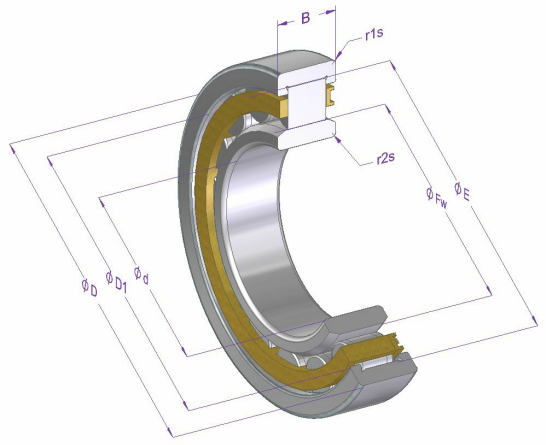
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article NU 240 E M1 HQS **Art-No.** 50189 **brand** SKA **weight/kg** 28.60

description

NU	Design
240	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	200	0 / -30	620-2
D	nominal outer diameter	360	0 / -40	620-2
B	width	58	0 / -300	620-2
Fw	inner enveloping circle diameter	243	0 / 25	5412-1
r1s min.	minimal chamfer dimension	4		5412-1
r2s min.	minimal chamfer dimension	4		5412-1
D1	outer shoulder diameter	306.66		
E	raceway diameter outer ring	323		5412-1
s	axial displacement	~4.8		

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	776000	99600		281	1084000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		1700	2000			
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	90	145				

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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