Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

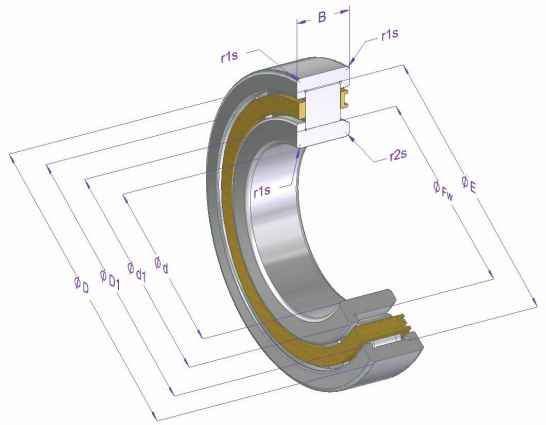
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article NJ 238 E M1 HQS **Art-No.** 50190 **brand** SKA **weight/kg** 24.00

description

NJ	Design
238	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	190	0 / -30	620-2
D	nominal outer diameter	340	0 / -40	620-2
B	width	55	0 / -300	620-2
r1s min.	minimal chamfer dimension	4		5412-1
r2s min.	minimal chamfer dimension	4		5412-1
Fw	inner enveloping circle diameter	230	0 / 25	5412-1
s	axial displacement	~4.7		
d1	inner shoulder diameter	245.2		
D1	outer shoulder diameter	290.09		
E	raceway diameter outer ring	306		5412-1

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	780000	90000	281	975000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		1800	2200

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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