Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

general data/description

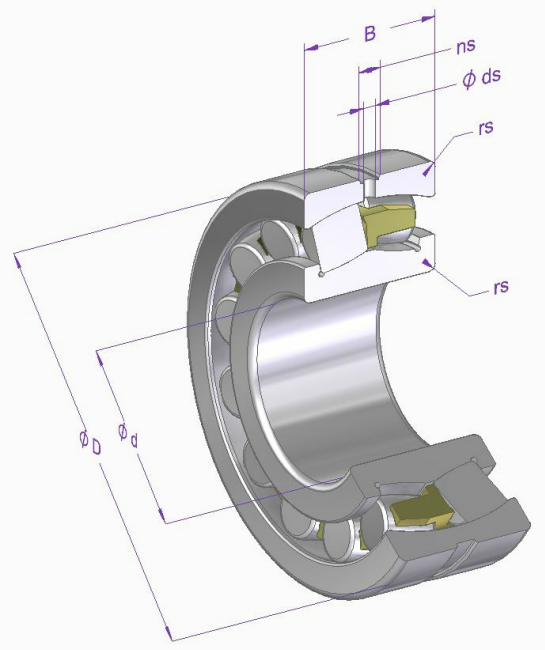
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article 24040 E M W33 C3 **Art-No.** 51351 **brand** SKA **weight/kg** 31.00

description

24040	Size
E	Reinforced version
M	Brass cage, roller centered
W33	Lubrication groove and -hole in outer ring
C3	Internal clearance

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	200	0 / -30	620-2
D	nominal outer diameter	310	0 / -35	620-2
B	width	109	0 / -300	620-2
rs min.	minimal chamfer dimension	2.1		635-2
ds	diameter lubrication hole	6x Ø10		
ns	lubrication groove width	16.75		
e	calculation factor	0.33		
Y1	calculation factor	2.04		
Y2	calculation factor	3.04		
Y0	calculation factor	2		
C3	internal clearance	0.200 / 0.260		620-4

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	1139000	126500	281	2110000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		900	1200

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

bearing clearance	radial min. [µm]	max. [µm]
	200	260

article 24040 E M W33 C3 **Art-No.** 51351

material specification

description	material	DIN/ISO	hardness
Inner ring	100Cr6	683-17	58-65
Outer ring	100Cr6	683-17	58-65
Spherical rollers	100Cr6	683-17	58-65
Cage	CuZn40Pb2		

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