Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

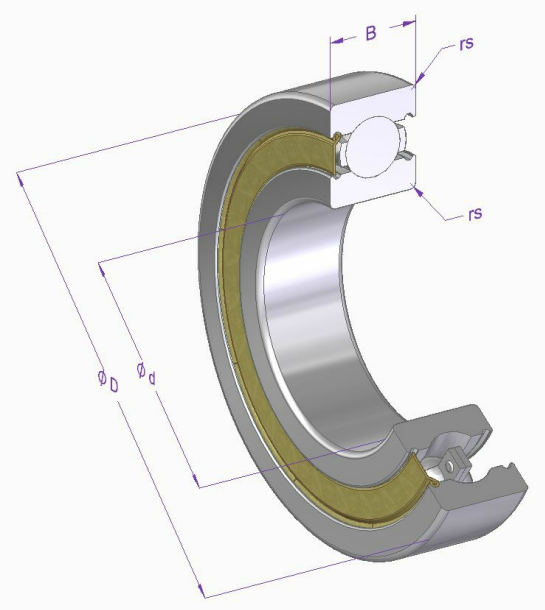
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article 609 Z MC3 **Art-No.** 47869 **brand** SKA **weight/kg** 0.014

description

609	Size
Z	Shield on one side, not touching
MC3	Internal clearance

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	9	0 / -8	620-2
D	nominal outer diameter	24	0 / -9	620-2
B	width	7	0 / -120	620-2
rs min.	minimal chamfer dimension	0.3		625-1
MC3	internal clearance	0.005 / 0.010		WERKSNORM

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	3340	70	281	1410	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		32000	

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

bearing clearance	radial min. [µm]	max. [µm]
	5	10

material specification

description	material	DIN/ISO	hardness
Inner ring	100Cr6	683-17	58-65
Outer ring	100Cr6	683-17	58-65
Balls	100Cr6	683-17	58-65
Cage	St12		
Shield	Sheet steel		

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