Hans Saurer Kugellager AG
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data sheet

general data/description

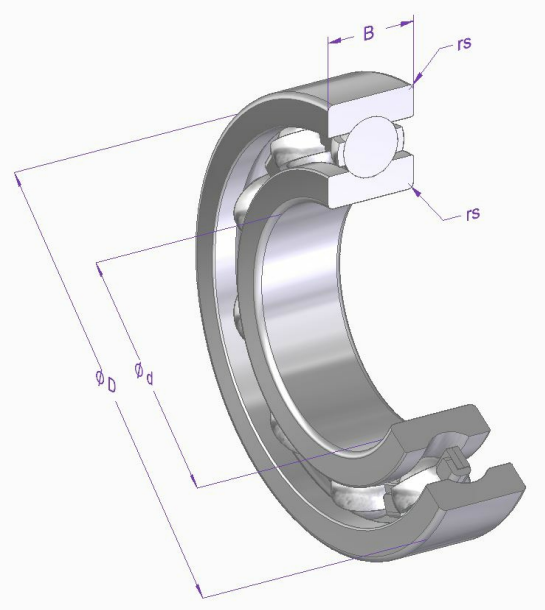
created: 21.03.2015 / 05

article 686 INOX MC3 **Art-No.** 45993 **brand** SKA **weight/kg** 0.002

description

686	size
INOX	Stainless steel
MC3	Internal clearance

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	6	0 / -8	620-2
D	nominal outer diameter	13	0 / -8	620-2
B	width	3.5	0 / -120	620-2
rs min.	minimal chamfer dimension	0.15		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
	1080	21	281	406	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		40000	50000

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

material specification

description	material	DIN/ISO	hardness
Inner ring	SUS440C		58-65
Outer ring	SUS440C		58-65
Balls	SUS440C		58-66
Cage	SUS304		

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