Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

article F 683 ZZ INOX MC3 NS7 **Art-No.** 46252 **brand** SKA **weight/kg** 0.001

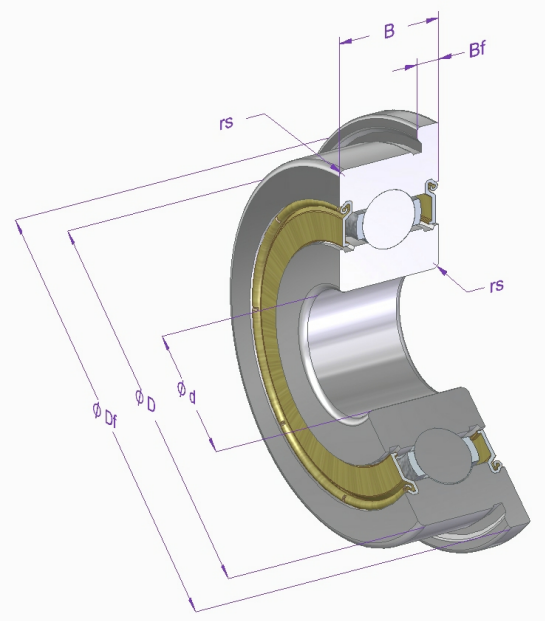
description

F	Design
683	Size
ZZ	Shields on both sides, not touching
INOX	Stainless steel
MC3	Internal clearance

greasing

NS7	KYODO YUSHI MULTEMP SRL

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	3	0 / -8	620-2
D	nominal outer diameter	7	0 / -8	620-2
Df	flange diameter	8.1	0 / -36	ISO 492
B	width	3	0 / -120	620-2
Bf	flange width	0.8	0 / -50	WERKSNORM
rs min.	minimal chamfer dimension	0.1		616
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**
	312	5		281	103	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		63000				
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	5	10				

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material specification

description	material	DIN/ISO	hardness
Inner ring	SUS440		58-65
Outer ring	SUS440		58-65
Balls	SUS440		58-66
Cage	SUS304		
Shields	SUS304		
Snap rings	SUS304		

All information in this document was provided and checked carefully. Nevertheless, we can not assume any liability for incomplete or faulty information.