Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

article 683 ZZ INOX MC3 NS7 **Art-No.** 45994 **brand** SKA **weight/kg** 0.001

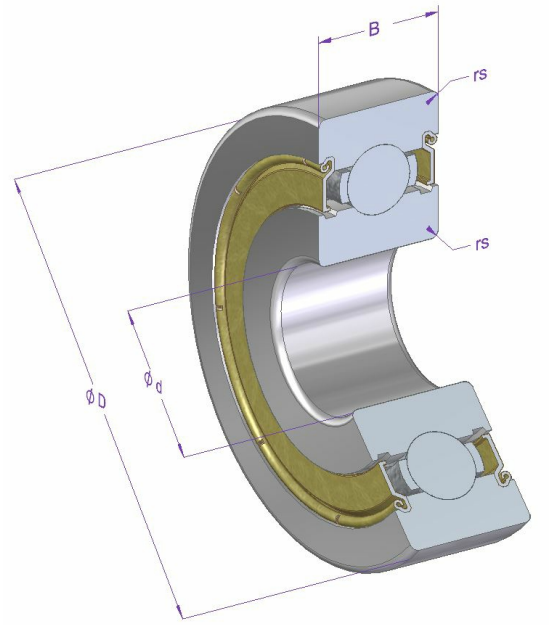
description

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
B	width	3	0 / -120	620-2
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]**		**static Co [N]**	**DIN/ISO**
	290			112	
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**		
		63'000			
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	SUS440		58-62
Outer ring	SUS440		58-62
Balls	SUS440		58.5-65
Cage	Sheet steel INOX		
Shields	Sheet steel INOX		
Snap rings	Sheet steel INOX		

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