Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

created: 19.01.2018 / 03

article F 684 ZZ INOX NS7 **Art-No.** 48991 **brand** SKA **weight/kg** 0.002

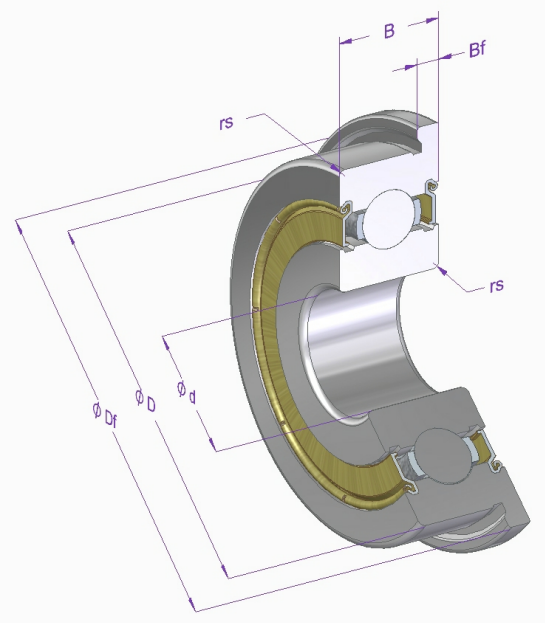
description

F	Design
684	Size
ZZ	Shields on both sides, not touching
INOX	Stainless steel

greasing

NS7	KYODO YUSHI MULTEMP SRL

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	4	0 / -5	SONDER
D	nominal outer diameter	9	0 / -8	620-2
Df	flange diameter	10.3	0 / -43	ISO 492
B	width	4	0 / -120	620-2
Bf	flange width	1	0 / -50	WERKSNORM
rs min.	minimal chamfer dimension	0.1		625-4

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	547				183	
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		53000				
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	2	13				

material specification

description	material	DIN/ISO	hardness
Inner ring	X95Cr18		
Outer ring	X95Cr18		
Balls	X95Cr18		
Cage	Sheet steel INOX		
Shields	Sheet steel INOX		

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

article F 684 ZZ INOX NS7 **Art-No.** 48991

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