Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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article F 682X ZZ INOX MC4 AF2 **Art-No.** 46785 **brand** SKA **weight/kg** 0.001

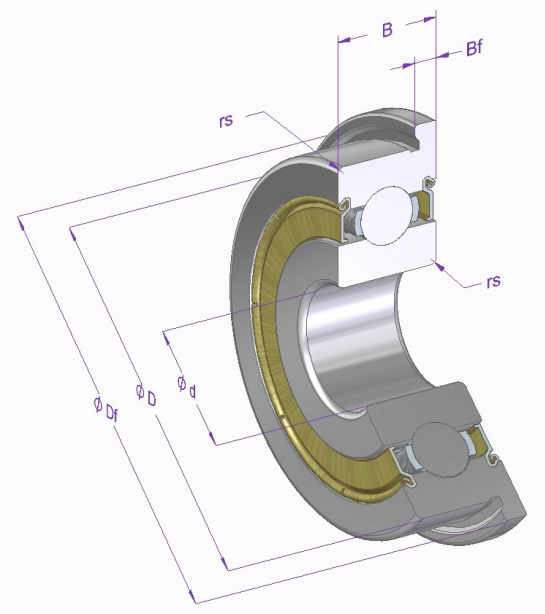
description

F	Design
682X	Size
ZZ	Shields on both sides, not touching
INOX	Stainless steel
MC4	Internal clearance

greasing

AF2	AEROSHELL FLUID 12

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	2.5	0 / -8	620-2
D	nominal outer diameter	6	0 / -8	620-2
B	width	2.6	0 / -40	620-2
Df	flange diameter	7.1	0 / -36	ISO 492
Bf	flange width	0.8	0 / -40	
rs min.	minimal chamfer dimension	0.08		625-4
MC4	internal clearance	0.008 / 0.013		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	160			48	

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		85000	

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

bearing clearance	radial min. [µm]	max. [µm]
	8	13

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material specification

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

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