Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

article 698 ZZ INOX MC3 BI1 **Art-No.** 47808 **brand** SKA **weight/kg** 0.008

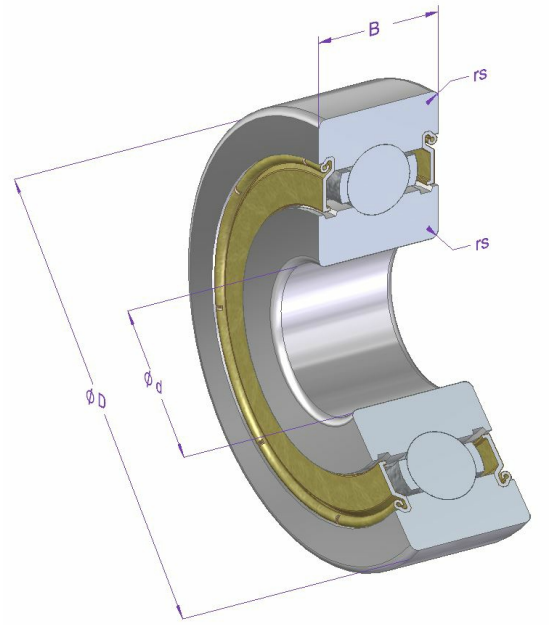
description

698	Size
ZZ	Shields on both sides, not touching
INOX	Stainless steel
MC3	Internal clearance

greasing

BI1	KLÜBER ISOFLEX SUPER LDS 18

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	8	0 / -8	620-2
D	nominal outer diameter	19	0 / -9	620-2
B	width	6	0 / -120	620-2
rs min.	minimal chamfer dimension	0.3		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**
	2250	44		858	
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**		
		36000			
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	X95Cr18		
Outer ring	X95Cr18		
Balls	X95Cr18		
Cage	Sheet steel INOX		
Shields	Sheet steel INOX		

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