Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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article 683 ZZ INOX P5 WL2 **Art-No.** 52075 **brand** SKA **weight/kg** 0.001

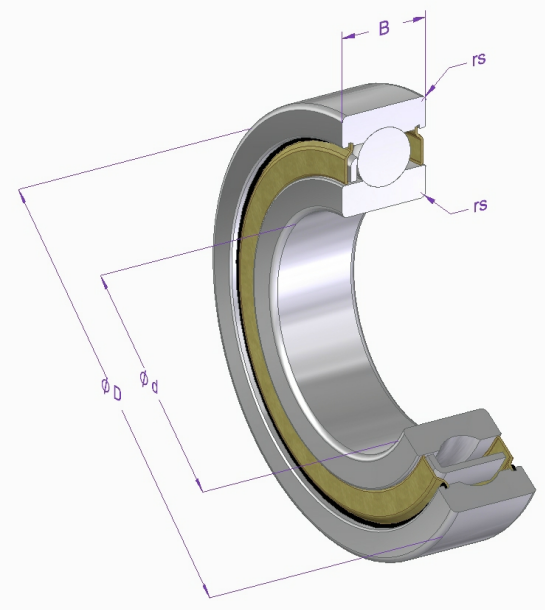
description

683	Size
ZZ	Shields on both sides, not touching
INOX	Stainless steel
P5	Tolerance class

greasing

WL2	WINDSOR LUBE L-245X ANDERSON OIL

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	3	0 / -5	620-2
D	nominal outer diameter	7	0 / -5	620-2
B	width	3	0 / -40	620-2
rs min.	minimal chamfer dimension	0.1		616

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**	**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	265			90	
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]**			
	2	13			

material specification

description	material	DIN/ISO	hardness
Inner ring	SUS440C		58-62
Outer ring	SUS440C		58-62
Cage	SUS304		
Shields	SUS304		
Balls	SUS440C		58.5-65
Snap rings	SUS304		

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