general data/description

created: 06.09.2021 / 01 page: 1 / 2

article F R168 ZZ INOX NS7 **Art-No.** 51848 **brand** SKA **weight/kg** 0.00068

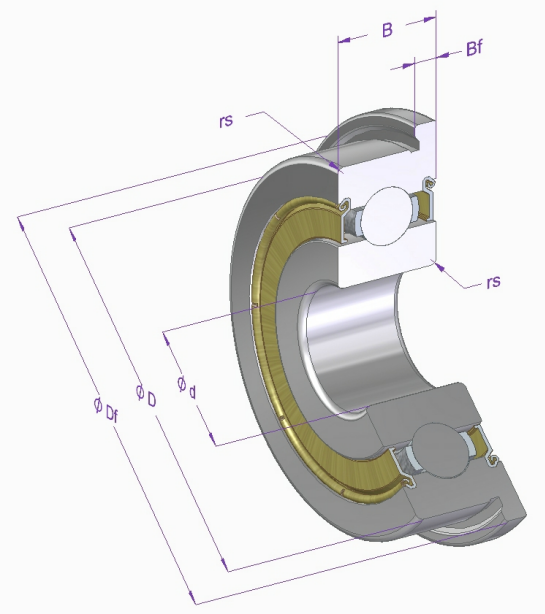
description

F	Design
R168	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	6.350	0 / -8	620-2
D	nominal outer diameter	9.525	0 / -8	620-2
Df	flange diameter	10.719	0 / -43	ISO 492
B	width	3.175	0 / -120	620-2
Bf	flange width	0.914	0 / -50	WERKSNORM
rs min.	minimal chamfer dimension	0.08		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	317			138	

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		48000	

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

bearing clearance	radial min. [µm]	max. [µm]
	2	13

material specification

description	material	DIN/ISO	hardness
Cage	SUS304		
Shields	SUS304		
Balls	SUS440		58.5-65
Snap rings	SUS304		
Inner ring	SUS440		58-62
Outer ring	SUS440		58-62

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

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