Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

general data/description

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article 61818 ZZ NS7 **Art-No.** 53169 **brand** SKA **weight/kg** 0.275

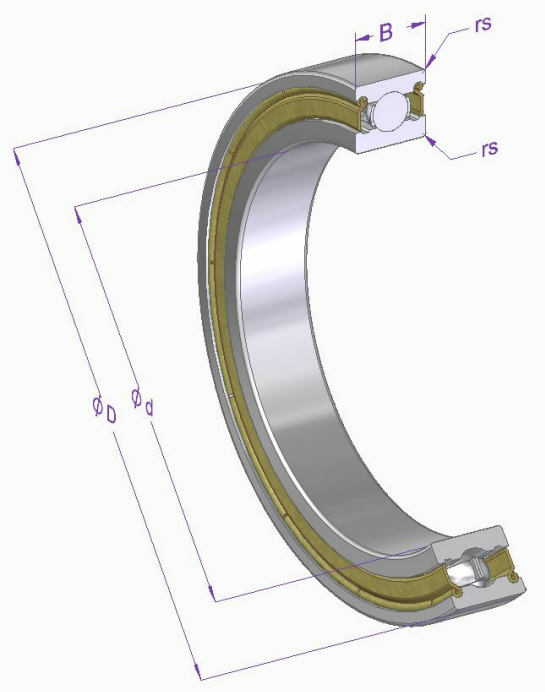
description

61818	Size
ZZ	Shields on both sides, not touching

greasing

NS7	KYODO YUSHI MULTEMP SRL

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	90	0 / -20	620-2
D	nominal outer diameter	115	0 / -15	620-2
B	width	13	0 / -200	620-2
rs min.	minimal chamfer dimension	1		625-1

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	18500	1035	281	20100	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		5300	

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

bearing clearance	radial min. [µm]	max. [µm]
	12	36

material specification

description	material	DIN/ISO	hardness
Inner ring	100Cr6	683-17	58-65
Outer ring	100Cr6	683-17	58-65
Balls	100Cr6	683-17	58-65
Cage	St12		
Shields	St12		

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