Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

created: 19.12.2023 / 01

article 61800 ZZ P6 NS7 **Art-No.** 53404 **brand** SKA **weight/kg** 0.005

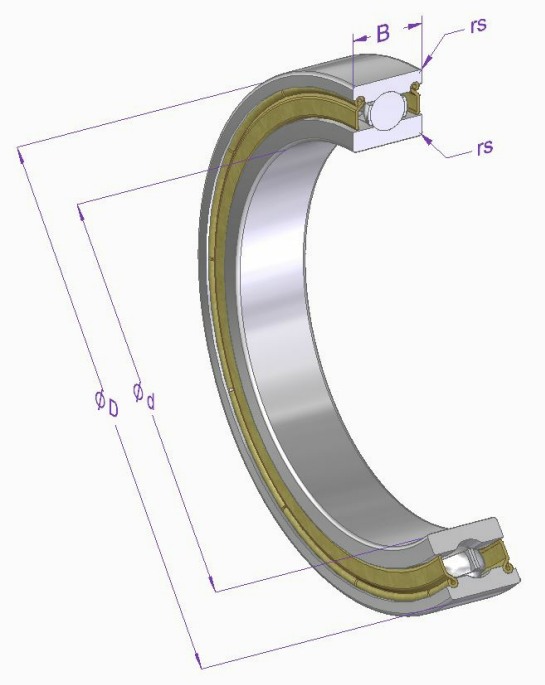
description

61800	Size
ZZ	Shields on both sides, not touching
P6	Tolerance class

greasing

NS7	KYODO YUSHI MULTEMP SRL

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	10	0 / -7	620-2
D	nominal outer diameter	19	0 / -8	620-2
B	width	5	0 / -120	620-2
rs min.	minimal chamfer dimension	0.3		625-1

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	1600	39	281	760	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		34000	

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	100Cr6	683-17	58-65
Outer ring	100Cr6	683-17	58-65
Balls	100Cr6	683-17	58-65
Cage	St12		
Shields	Sheet steel	683-17	58-65

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