Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

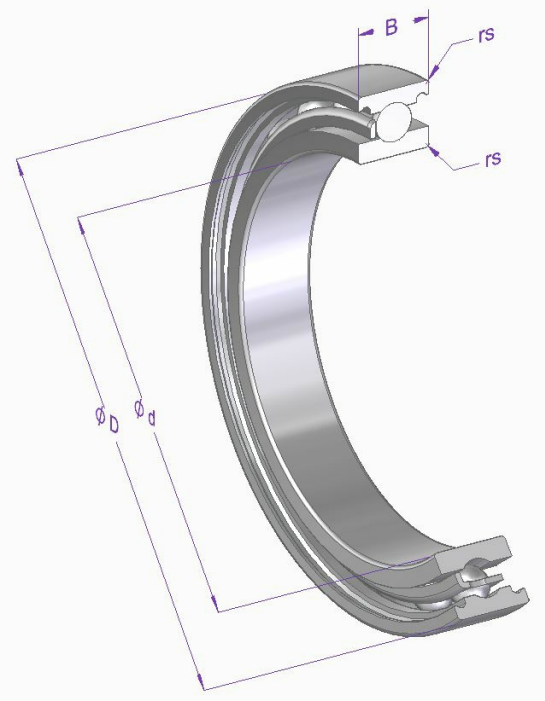
created: 28.08.2017 / 04

article 61704 INOX **Art-No.** 48770 **brand** **weight/kg** 0.006

description

61704 Size
INOX Stainless steel

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	20	0 / -10	620-2
D	nominal outer diameter	27	0 / -9	620-2
B	width	4	0 / -120	620-2
rs min.	minimal chamfer dimension	0.2		616

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	1040	35		281	724	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		8500	10000			
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	5	20				

material specification

description	material	DIN/ISO	hardness
Inner ring	SUS 440		58-62
Outer ring	SUS 440		58-62
Balls	SUS 440		58.5-65
Cage	Sheet steel INOX		

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