Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

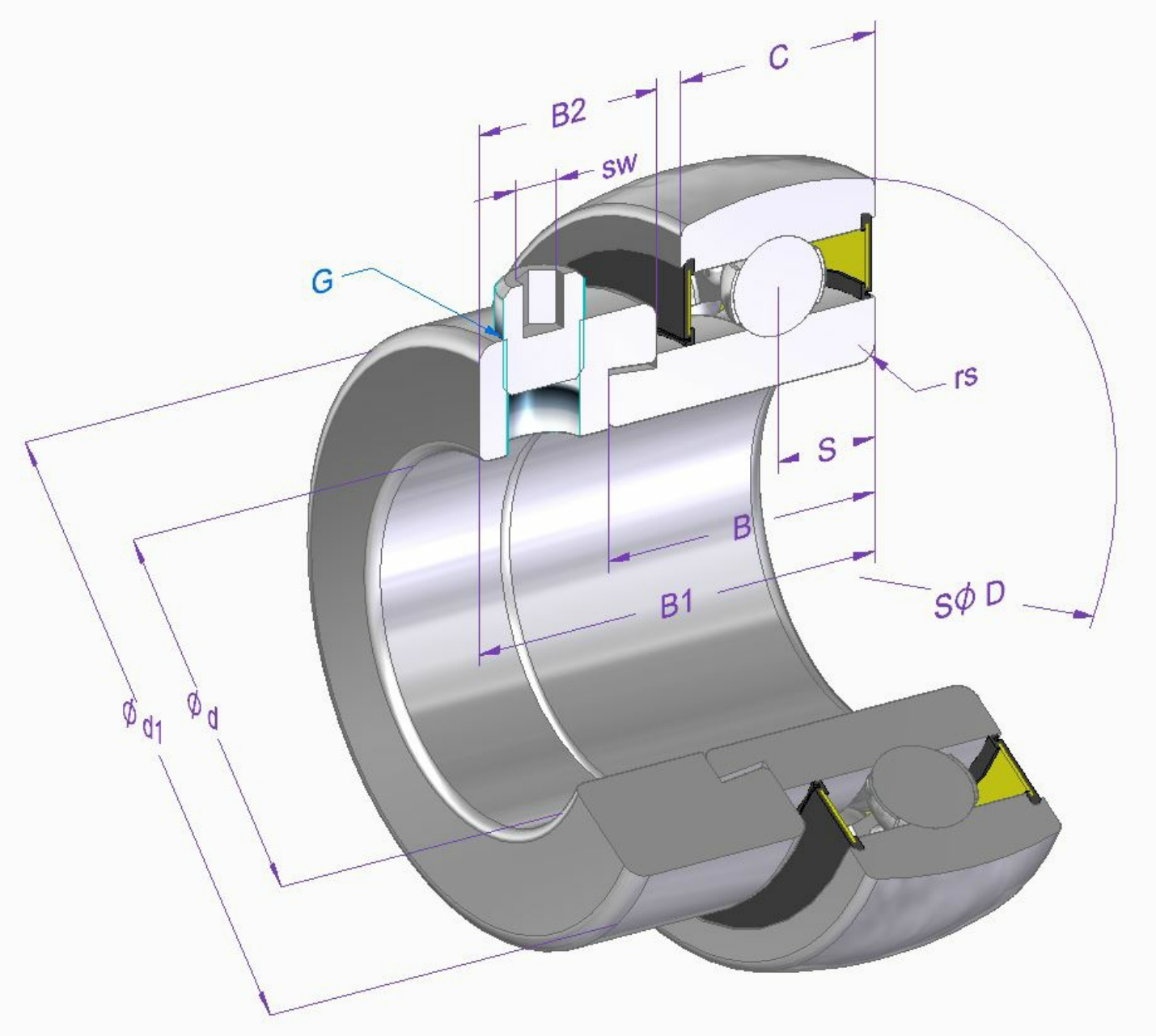
article MU 004 +ER INOX **Art-No.** 47656 **brand** SKA **weight/kg** 0.12

remark Rotational speed is reference value for shaft tolerance h7. Also depending on load and seal. Not relubricatable.

description

MU	prefix
004	Size
+ER	Eccentric ring
INOX	Stainless steel

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	20	0 / 18	626-1
D	nominal outer diameter	42	0 / -11	620-2
B	inner ring width	16.5	0 / -120	WERKSNORM
C	outer ring width	12	0 / -120	620-2
d1	eccentric ring outer diameter	30		WERKSNORM
B1	total width inner ring	24.5		WERKSNORM
B2	eccentric ring width	11		WERKSNORM
rs min.	minimal chamfer dimension	1		WERKSNORM
S	swing axle distance	6		WERKSNORM
G	thread	M5x0.8		

article MU 004 +ER INOX **Art-No.** 47656

dimension	Description	[mm]	tolerance [µm]	DIN/ISO
sw	wrench size	2.5		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	7970			4020	

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]
	5	20

material specification

description	material	DIN/ISO	hardness
Inner ring	SUS 420		
Outer ring	SUS 420		
Balls	SUS 420		
Cage	Sheet steel INOX		
Seals	Sheet steel INOX/NBR		
Eccentric ring	SUS 304		

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