Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

created: 28.10.2016 / 03

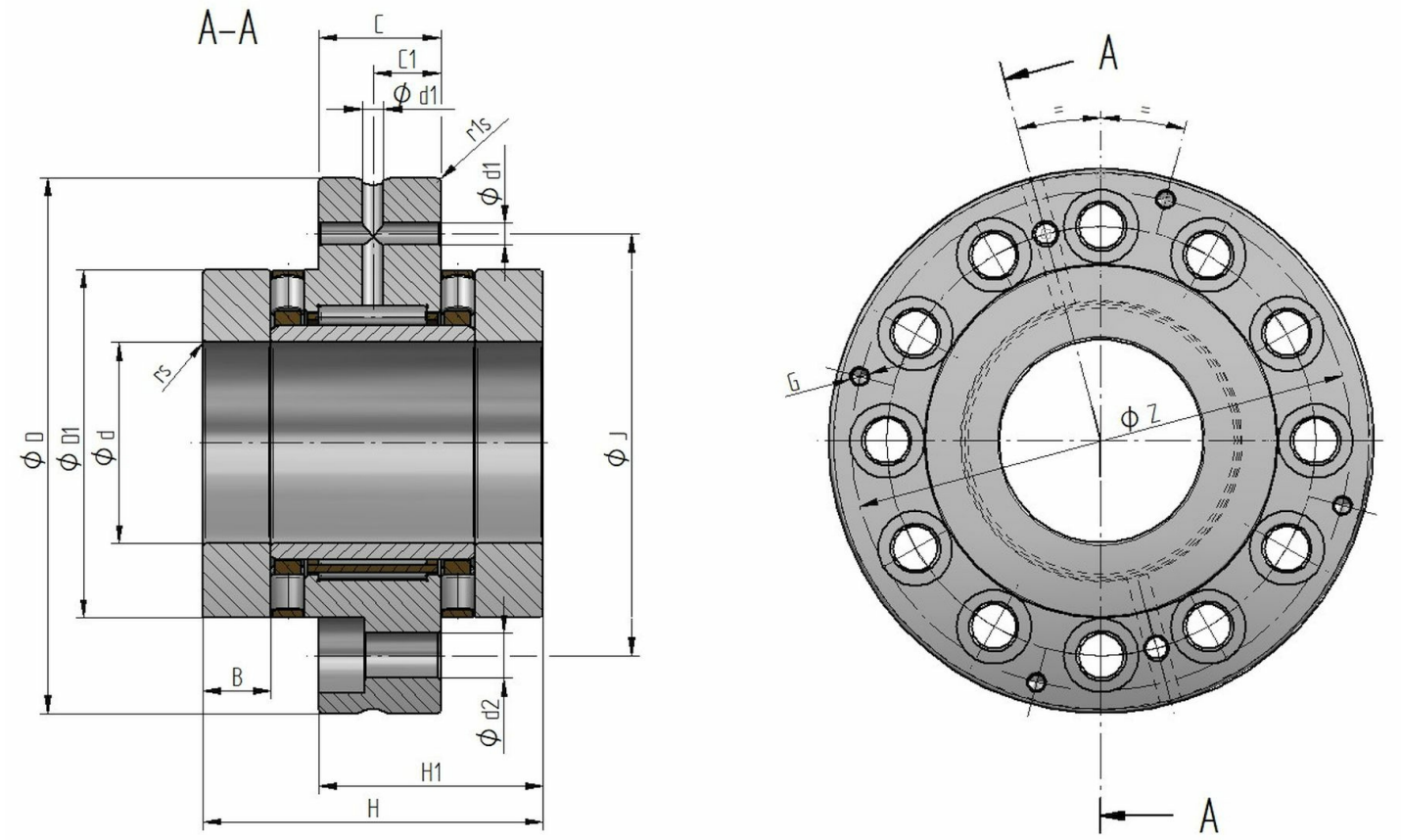
article ZARF 3080 TV **Art-No.** 48021 **brand** SKA **weight/kg** 2.10

remark Steifigkeit axial: 2200 N/µm - Kippsteifigkeit: 520 N/mrad

description

ZARF	Design
3080	Size
TV	Plastic cage

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	30	0 / -8	620-2
D	nominal outer diameter	80	0 / -11	620-2
C	outer ring width	18	0 / -120	620-2
C1	distance lubrication hole	10		
D1	shaft washer diameter	52	-20 / -50	
B	shaft washer width	10	0 / -120	
H	total width	50	0 / -360	
H1	width	33	-100 / 100	
rs min.	minimal chamfer dimension	0.3		
r1s min.	minimal chamfer dimension	0.6		
d1	diameter lubrication hole	3.2		
J	pitch diameter	63	-200 / 200	
d2	mounting hole diameter	12x Ø6.5		
Z	pitch diameter	73.4		
G	thread	4x M3		
Ca [N]	dynamic load rating, axial	39000		
C0a [N]	static load rating, axial	101000		

Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

article ZARF 3080 TV **Art-No.** 48021

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	24300		281	41500	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		1800	5500

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

material specification

description	material	DIN/ISO	hardness
Inner ring	100Cr6	683-17	58-65
Outer ring	100Cr6	683-17	58-65
Needle rollers	100Cr6	683-17	58-65
Cage	PA66 + GF25		
Shaft washer	100Cr6	683-17	58-65
Cylindrical rollers	100Cr6	683-17	58-65

All information in this document was provided and checked carefully. Nevertheless, we can not assume any liability for incomplete or faulty information.