general data/description

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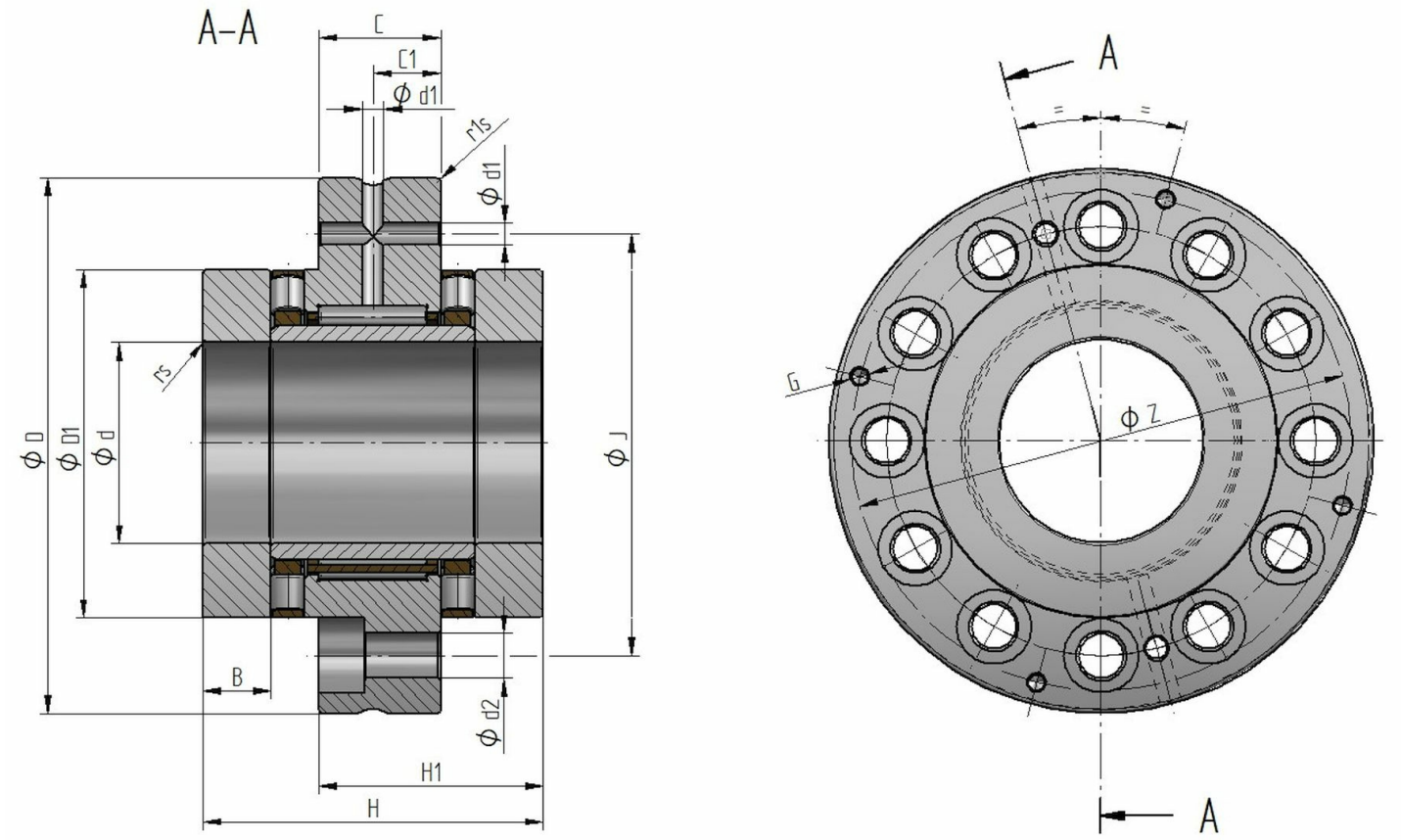
article ZARF 2575 TV **Art-No.** 50346 **brand** SKA **weight/kg** 0.716

description

ZARF	Design
2575	Size
TV	Plastic cage

remark Axial requiered locknut force 9745 N - Axial rigidity 1900 N/µm - Tilting rigidity 350 Nm/mrad - Axial runout are based on rotaring inner ring: 1µm

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	25	0 / -8	620-2
D	nominal outer diameter	75	0 / -11	620-2
C	outer ring width	18	0 / -120	620-2
C1	distance lubrication hole	10		
D1	shaft washer diameter	47	-25 / -50	
B	shaft washer width	10	0 / -120	
H	total width	50	-400 / 150	
H1	width	33		
rs min.	minimal chamfer dimension	0.3		
r1s min.	minimal chamfer dimension	0.6		
d1	diameter lubrication hole	3.2		
J	pitch diameter	58		
d2	mounting hole diameter	8x Ø6.6		
Z	pitch diameter	67.4		
G	thread	4x M3		
Ca [N]	dynamic load rating, axial	35500		
C0a [N]	static load rating, axial	86000		
Cua [N]	fatigue limit load, axial	7300		
Mm [kg x c	Massenträgheitsmoment für drehenden Innenring	0.99		
MRL [Nm]	Bearing frictional torque	0.55		

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calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	22600	5200	281	36000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		1900	6000

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
Cylindrical rollers	100Cr6	683-17	58-65
Cage	PA66 + GF25		
Shaft washer	100Cr6	683-17	58-65

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