Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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article UCFC 218 UZ1 **Art-No.** 52567 **brand** SKA **weight/kg** 12.70

description

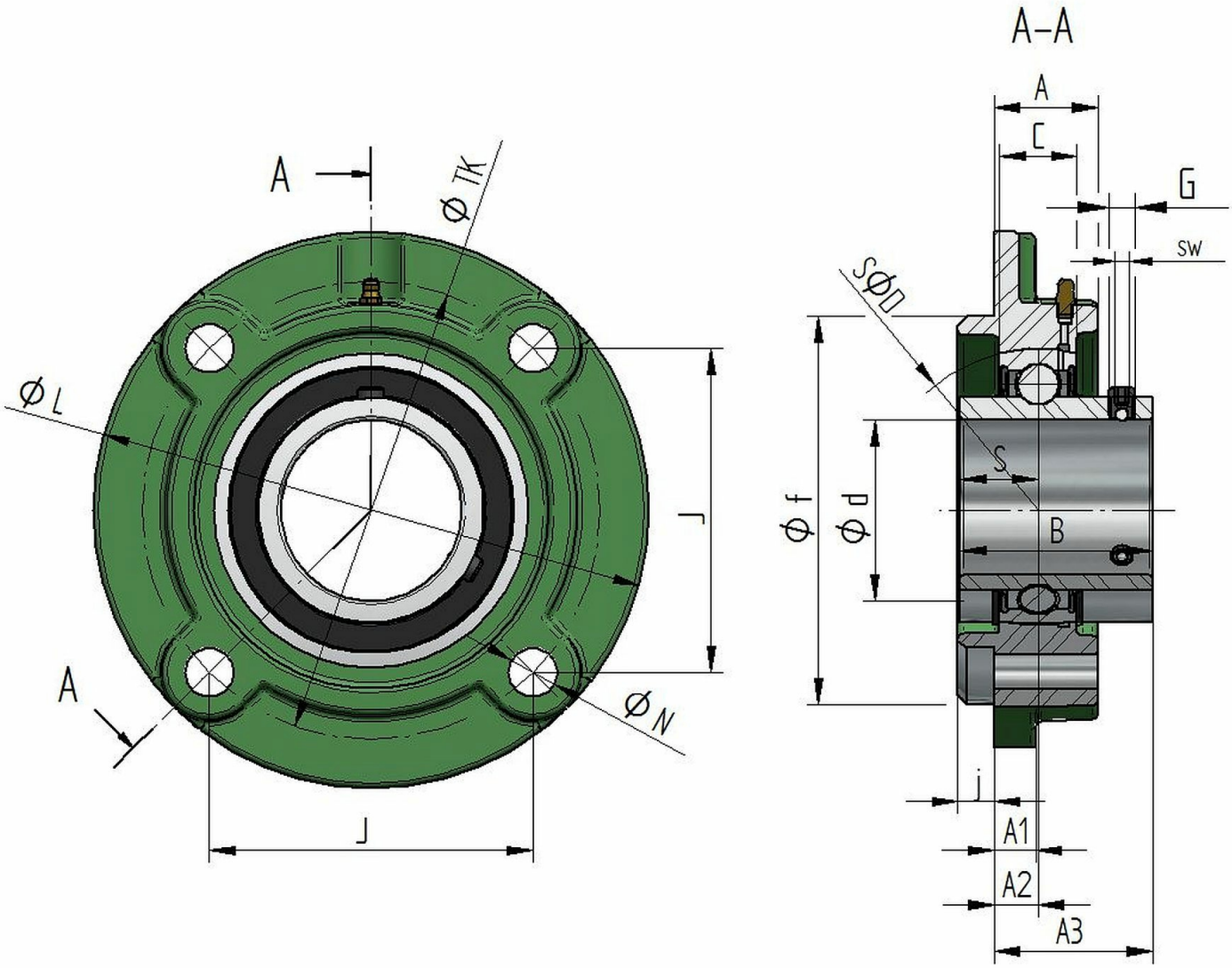
UCFC	Design
218	Size

remark Rotational speed is reference value for shaft tolerance h7. Also depending on load and seal.

greasing

UZ1	UNIVERSAL ZR-LN1

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	90	0 / 28	626-1
D	nominal outer diameter	160	0 / -25	620-2
B	inner ring width	96	0 / -200	626-1
C	outer ring width	37	0 / -150	WERKSNORM
S	swing axle distance	39.7		626-1
A	housing width	50.5		
A1	flange thickness	18		
A2	effect distance	23	-400 / 400	WERKSNORM
A3	width	78.8		
J	hole spacing	155.55	-500 / 500	
TK	pitch diameter	220		
N	hole diameter	23		
L	outer diameter of flange	264		
f	outer diameter centering	190	0 / -72	

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dimension	Description	[mm]	tolerance [µm]	DIN/ISO
j	centering length	18		
G	thread	M12x1.25		
sw	wrench size	6		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	83800	2930	281	63000	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		1200	

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

bearing clearance	radial min. [µm]	max. [µm]
	30	58

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	Sheet steel		
Seals	Sheet steel/NBR		
Housing	GG20		

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