Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

general data/description

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article UCFC 208 HA2 **Art-No.** 47579 **brand** SKA **weight/kg** 2.10

description

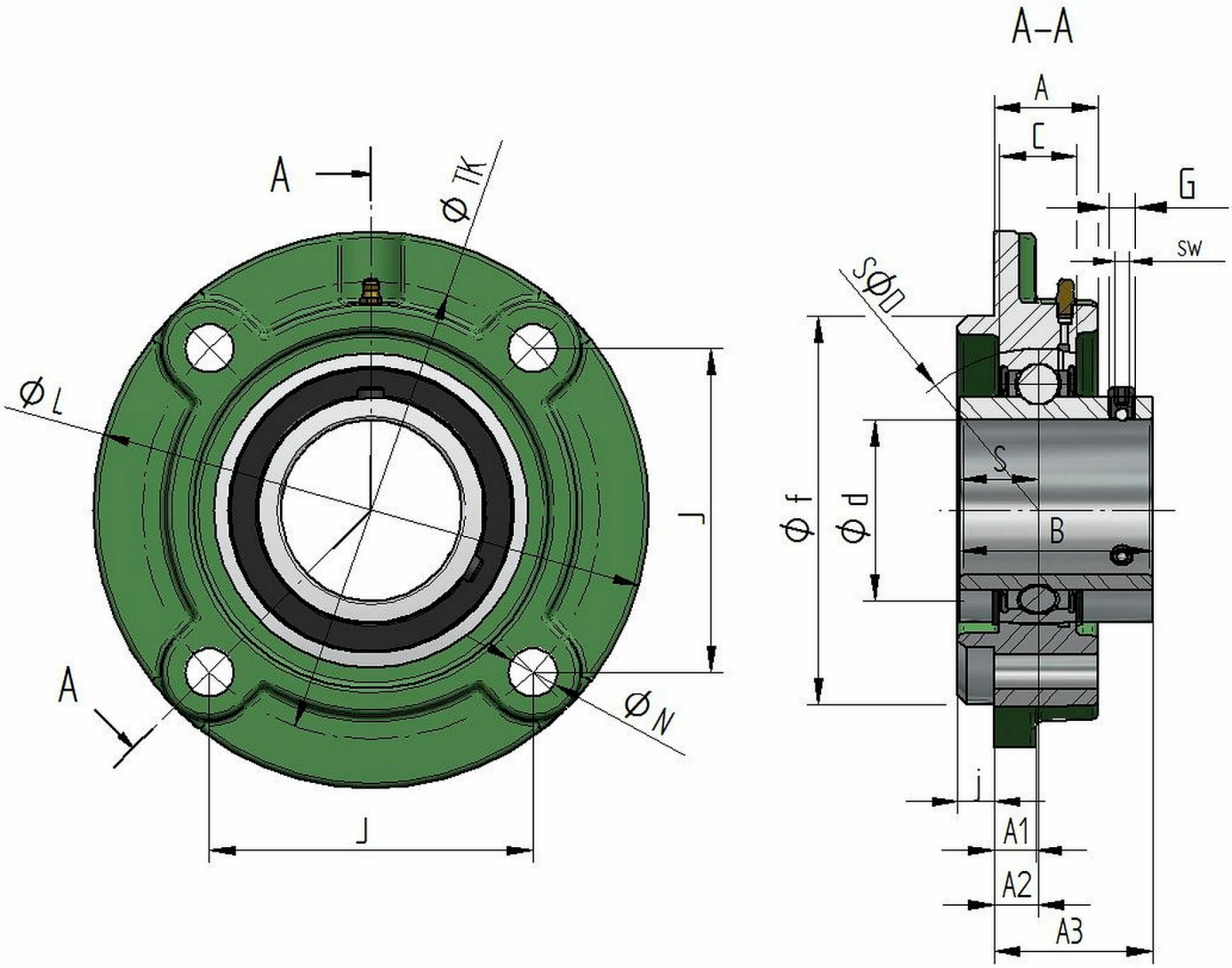
UCFC Design
208 Size

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

greasing

HA2 HANGU2#, GREAT WALL MOTOR BEARING GREASE

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	40	0 / 21	626-1
D	nominal outer diameter	80	0 / -15	620-2
B	inner ring width	49.2		626-1
C	outer ring width	21	0 / -120	620-6
S	swing axle distance	19		626-1
A	housing width	26		
A1	flange thickness	9		
A2	effect distance	11		
A3	width	41.2		
J	hole spacing	84.8	-500 / 500	
TK	pitch diameter	120		
N	hole diameter	14		
L	outer diameter of flange	145		
f	outer diameter centering	100	0 / -54	

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dimension	Description	[mm]	tolerance [µm]	DIN/ISO
j	centering length	10		
G	thread	M8x1		
sw	wrench size	4		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	29500		281	18100	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		3000	

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

bearing clearance	radial min. [µm]	max. [µm]
	15	33

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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