Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

general data/description

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article UCFL 211 HA2 **Art-No.** 45699 **brand** SKA **weight/kg** 3.20

description

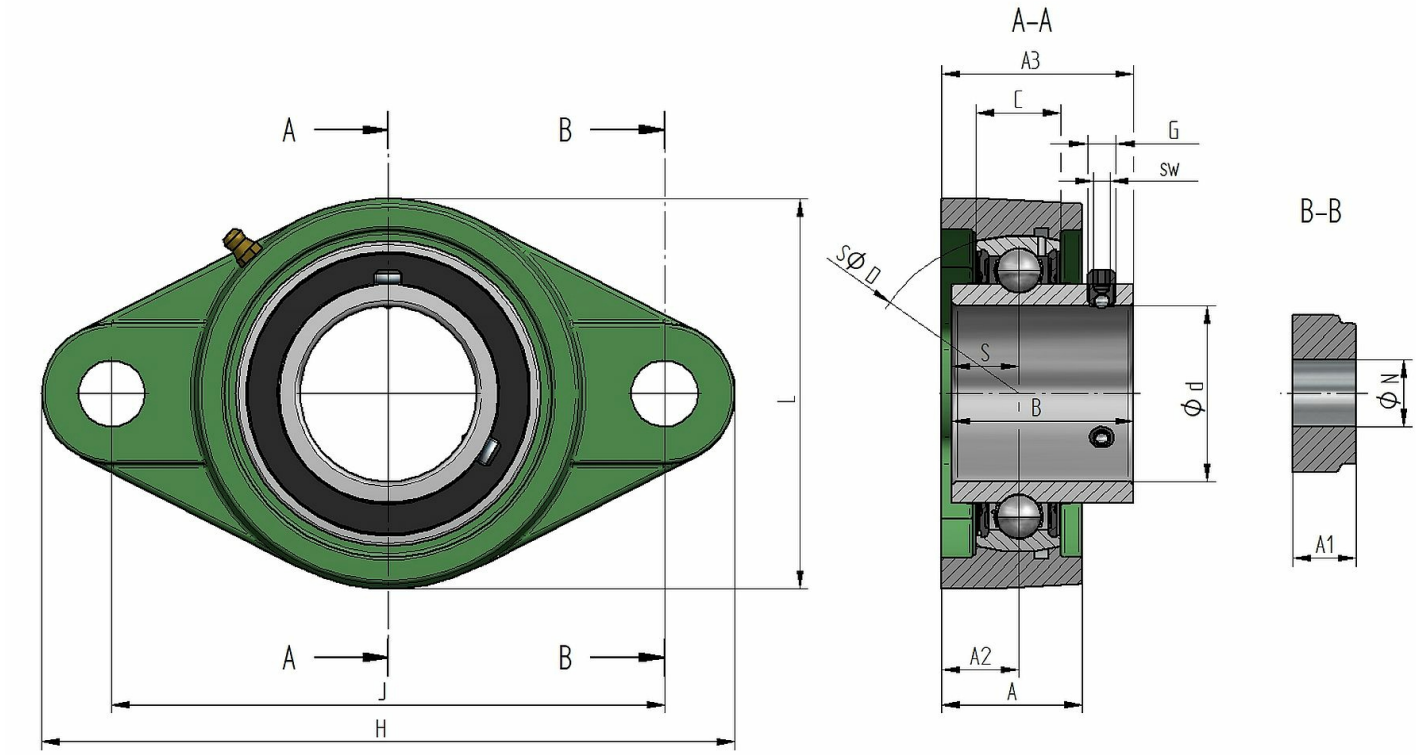
UCFL Design
211 Size

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	55	0 / 24	626-1
D	nominal outer diameter	100	0 / -15	620-2
B	inner ring width	55.6	0 / -150	620-2
C	outer ring width	25		626-1
S	swing axle distance	22.2		626-1
A	housing height	43		626-2
A1	flange thickness	18		626-2
A2	effect distance	25	-800 / 800	
A3	total width	58.4		
J	hole spacing	184	-700 / 700	626-2
H	housing length	224		
L	housing width	130		626-2
N	hole diameter	19		626-2
sw	wrench size	4		
G	thread	M8x1		

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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**
	43400			281	29200	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		2000				
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	23	43				

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		
Centrifugal disc	Sheet steel		
Housing	GG20		

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