Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

general data/description

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article UCPA 209 HA2 **Art-No.** 44775 **brand** SKA **weight/kg** 2.20

description

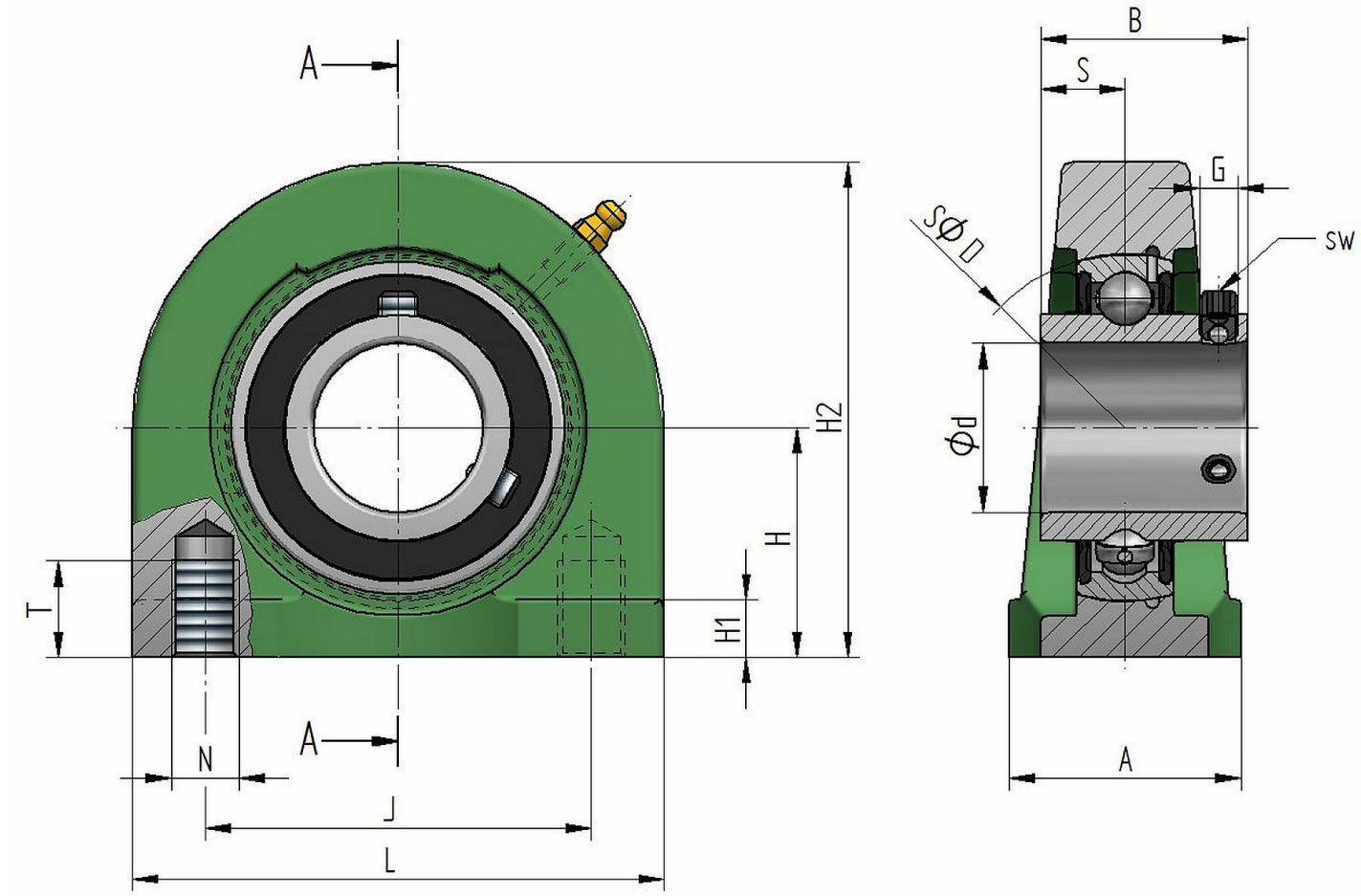
UCPA Design
209 Size

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	45	0 / 21	626-1
D	nominal outer diameter	85	0 / -15	620-2
L	housing length	120		
J	threaded hole distance	90	-700 / 700	
H	mirror height	54.2	-150 / 150	
H1	dedendum	11		
H2	housing height	108		
A	housing width	54		
B	inner ring width	49.2	0 / -120	626-1
S	swing axle distance	19		626-1
N	thread	M14		
T	thread length	25		
G	thread	M8x1		
sw	wrench size	4		

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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**
	31700	1070		281	20600	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		2600				
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	18	36				

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.