general data/description

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article UCPA 204 HA2 **Art-No.** 43431 **brand** SKA **weight/kg** 0.60

description

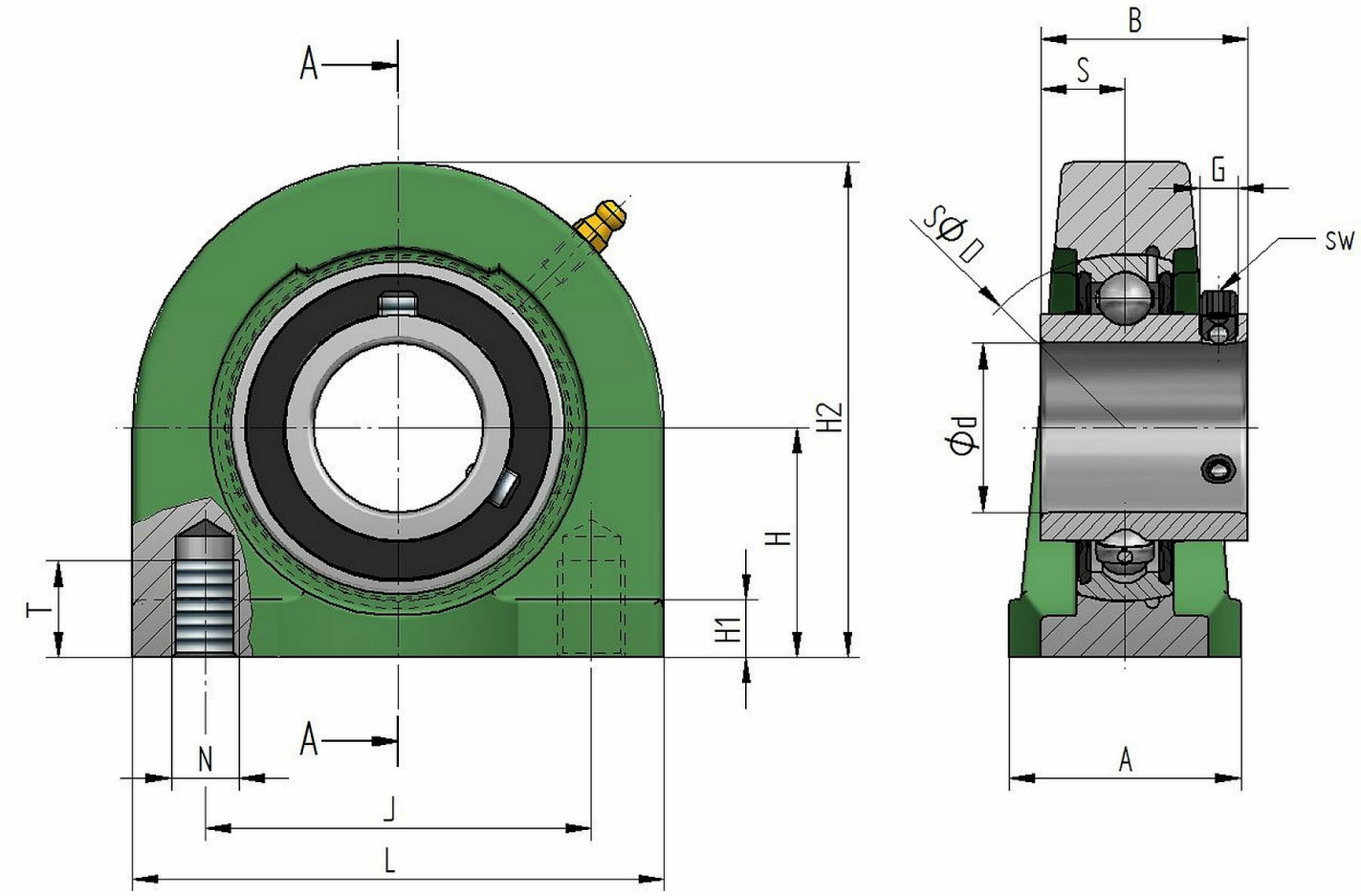
UCPA Design
204 Size

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	20	0 / 18	626-1
D	nominal outer diameter	47	0 / -11	620-2
L	housing length	76		
J	threaded hole distance	52		
H	mirror height	30.2	-150 / 150	
H1	dedendum	11		
H2	housing height	62		
A	housing width	38		
B	inner ring width	31	0 / -120	626-1
S	swing axle distance	12.7		626-1
N	thread	M10		
T	thread length	13		
G	thread	M6x0.75		
sw	wrench size	3		

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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**
	12800	340		281	6590	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		5300				
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	13	28				

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.