Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

general data/description

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article PME 30 HA2 **Art-No.** 43447 **brand** SKA **weight/kg** 0.95

description

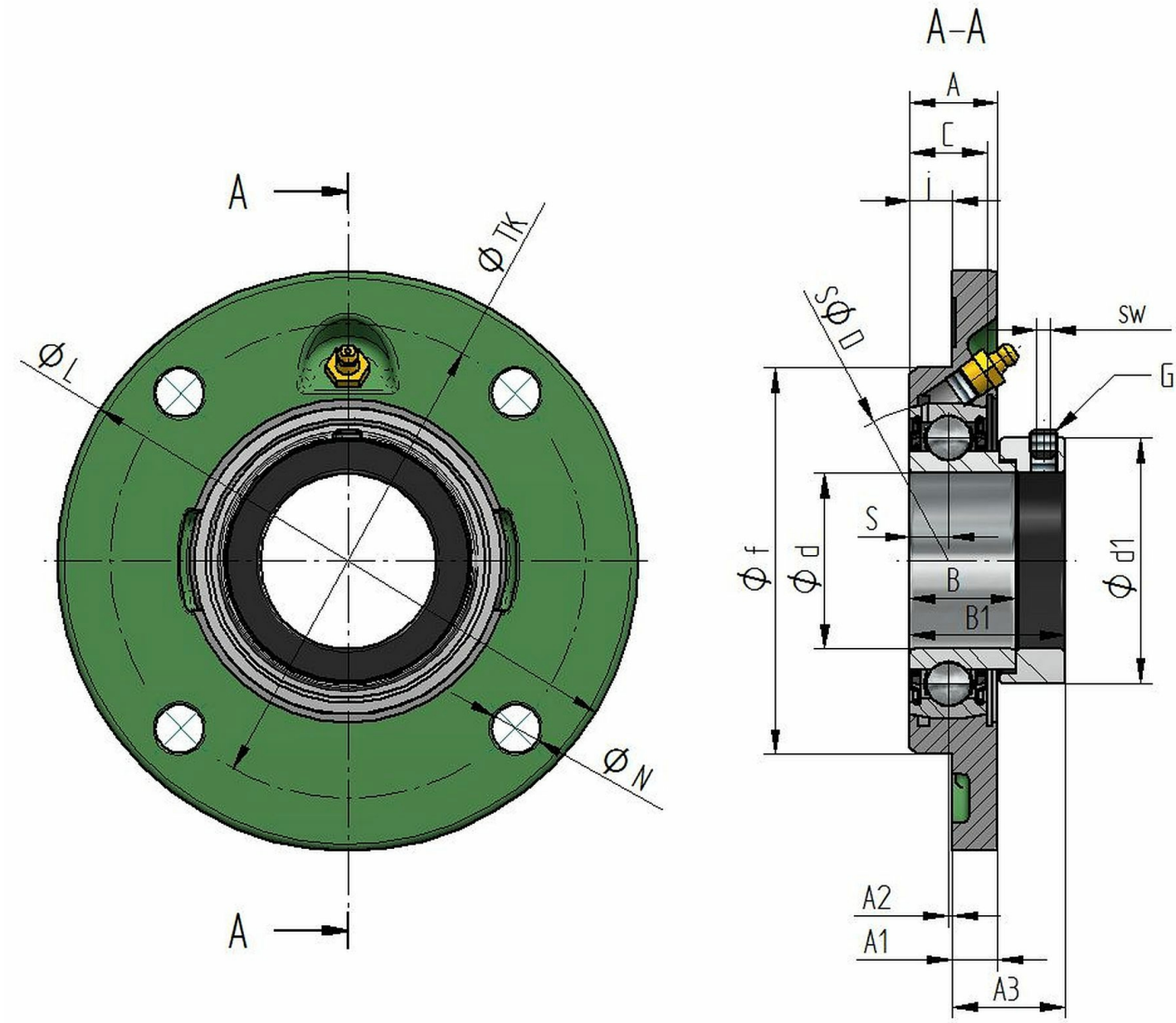
PME Design
30 Size

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	30	0 / 18	626-1
d1	clamping ring outer diameter	44.5	0 / -210	626-1
D	nominal outer diameter	52	0 / -13	620-2
B	inner ring width	23.8		626-1
B1	total width	~35.8		626-1
S	swing axle distance	9		626-1
C	outer ring width	18		626-1
A	housing height	20.5		
A1	flange thickness	9.5		
A2	effect distance	2	-500 / 500	
A3	width	~24.9		

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dimension	Description	[mm]	tolerance [µm]	DIN/ISO
TK	pitch diameter	100		
N	hole diameter	11.5		
L	outer diameter of flange	125		
f	outer diameter centering	80	0 / -46	
j	centering length	11		
sw	wrench size	4		
G	thread	M8x1		

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	19500	560		281	11300	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		4000				
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		
Eccentric ring	C45		
Housing	GG20		

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