Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

article TCJT 30 HA2 **Art-No.** 43446 **brand** SKA **weight/kg** 0.89

description

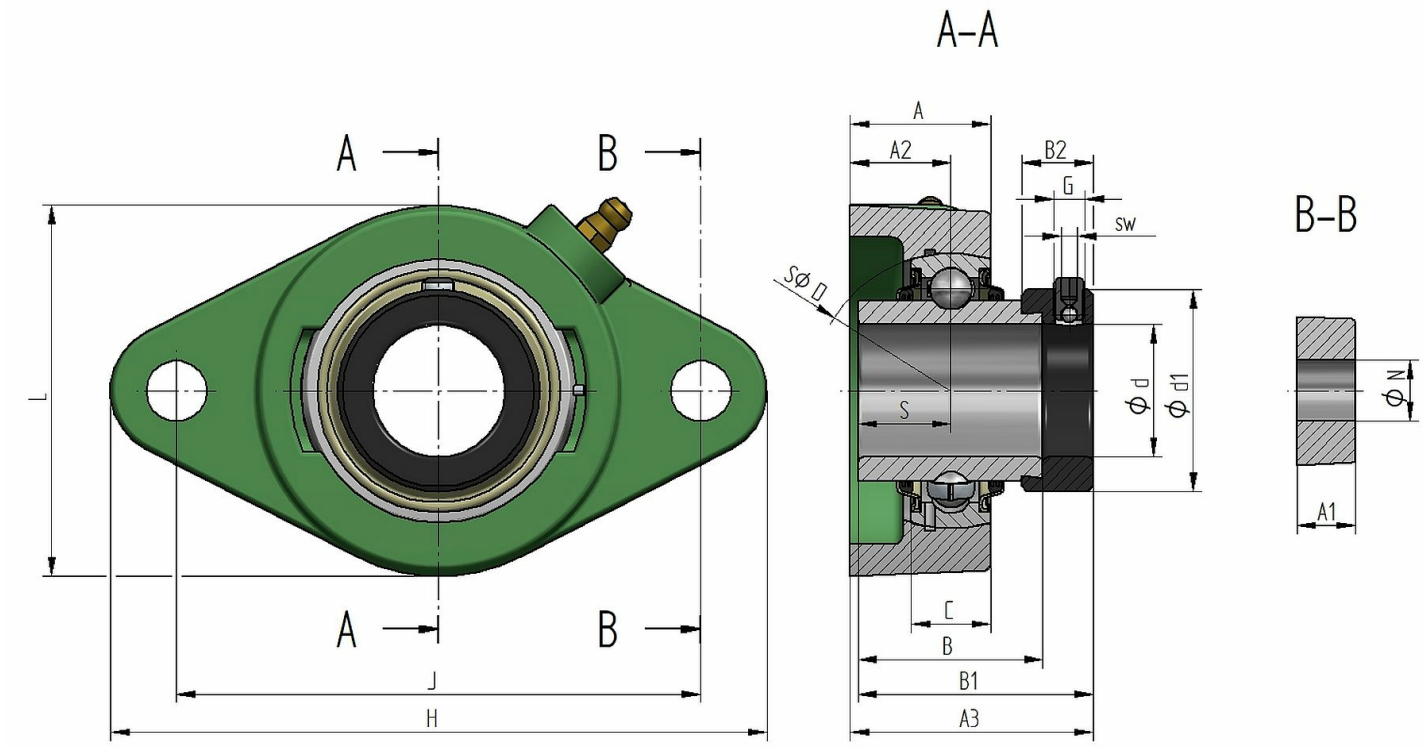
TCJT	Design
30	Size

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
D	nominal outer diameter	62	0 / -13	620-2
B	inner ring width	36.5	0 / -120	620-2
B1	total width inner ring	48.4		626-1
B2	clamping ring width	15.9		626-1
C	outer ring width	18	0 / -120	626-1
S	swing axle distance	18.3		626-1
A	housing height	29.5		626-2
A1	flange thickness	12		626-2
A2	effect distance	20	-500 / 500	626-2
A3	total width	50.1		
d1	eccentric ring outer diameter	44.5	0 / -210	626-1
J	hole spacing	116.5	-500 / 500	626-2
H	housing length	142		626-2
L	housing width	80		626-2
N	hole diameter	11.5		626-2
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**
	19500	580		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		
Clamping 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.