Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

general data/description

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article TME 50 N HA2 **Art-No.** 43649 **brand** SKA **weight/kg** 2.59

remark Rotational speed is reference value for shaft tolerance h7. Also depending on load and seal.

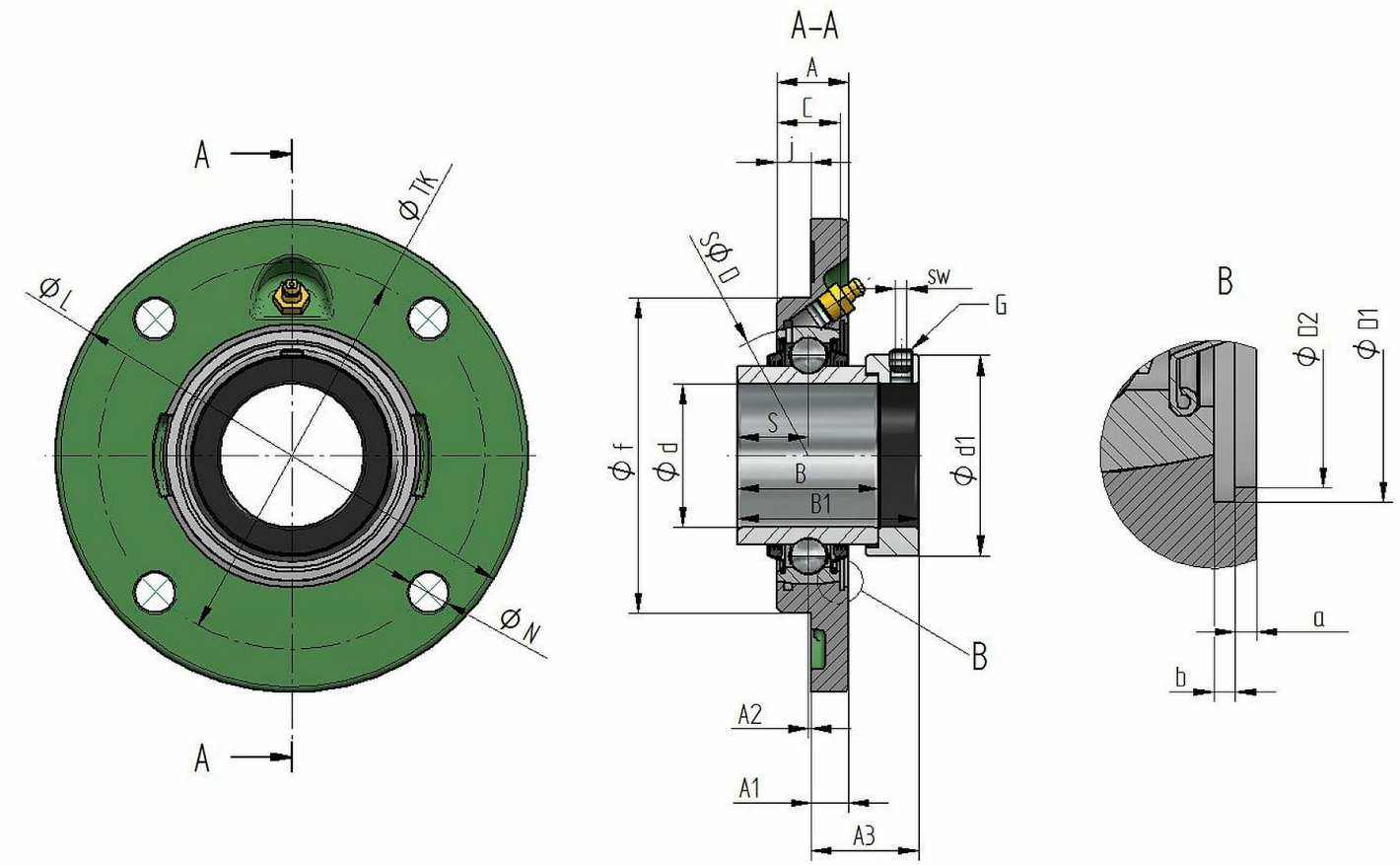
description

TME	Design
50	Size
N	Groove for protective cap

greasing

HA2	HANGU2#, GREAT WALL MOTOR BEARING GREASE

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	50	0 / 21	626-1
d1	eccentric ring outer diameter	69.9	0 / -210	626-1
D	nominal outer diameter	90	0 / -15	620-2
B	inner ring width	49.2	0 / -120	626-1
B1	total width	62.7		626-1
S	swing axle distance	24.6		626-1
A	housing width	25		
A1	flange thickness	13		
A2	effect distance	1	-500 / 500	
A3	width	37.1		
TK	pitch diameter	135		
N	hole diameter	14		
L	outer diameter of flange	165		
f	outer diameter centering	110	0 / -54	
j	centering length	12	0 / -100	
sw	wrench size	4		
G	thread	M8x1		
a	groove distance front side	1.5		
b	snap ring groove width	1.5		
D1	groove diameter	94	0 / 200	

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dimension	Description	[mm]	tolerance [µm]	DIN/ISO
D2	diameter	92	-100 / 20	

calculation and operating data

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		
Clamping ring	C45		
Housing	EN-GJL-200		

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