Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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article TME 40 N HA2 **Art-No.** 51052 **brand** SKA **weight/kg** 1.77

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

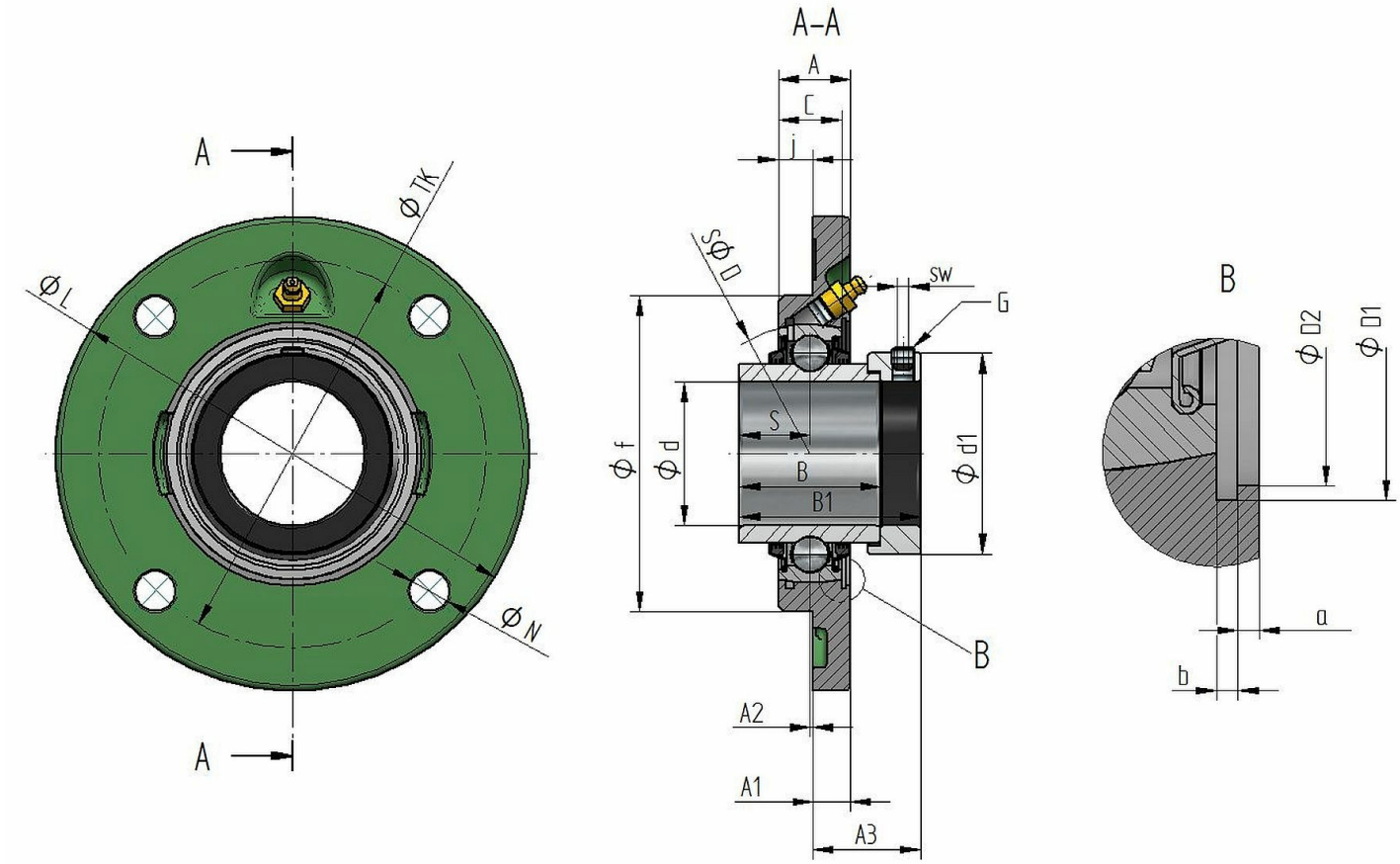
description

TME	Design
40	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	40	0 / 21	626-1
d1	eccentric ring outer diameter	60.3	0 / -210	626-1
D	nominal outer diameter	80	0 / -13	620-2
B	inner ring width	42.9	0 / -120	626-1
B1	total width	56.3		626-1
S	swing axle distance	21.4		626-1
A	housing width	23		
A1	flange thickness	11.5		
A2	effect distance	1	-500 / 500	
A3	width	33.9		
TK	pitch diameter	120		
N	hole diameter	11.5		
L	outer diameter of flange	145		
f	outer diameter centering	100	0 / -54	
j	centering length	11.5		
sw	wrench size	4		
G	thread	M8 x 1		
a	groove distance front side	4		
b	snap ring groove width	1.5	0 / -200	
D1	groove diameter	84	0 / 200	

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dimension	Description	[mm]	tolerance [µm]	DIN/ISO
D2	diameter	82	0 / -200	

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	29500	940	281	18100	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		3000	

operating temperature	max. [°C]	min. [°C]
	120	-20

bearing clearance	radial min. [µm]	max. [µm]
	15	33

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	EN-GJL-200		

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