Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

article TME 45 HA2 **Art-No.** 49629 **brand** SKA **weight/kg** 1.70

description

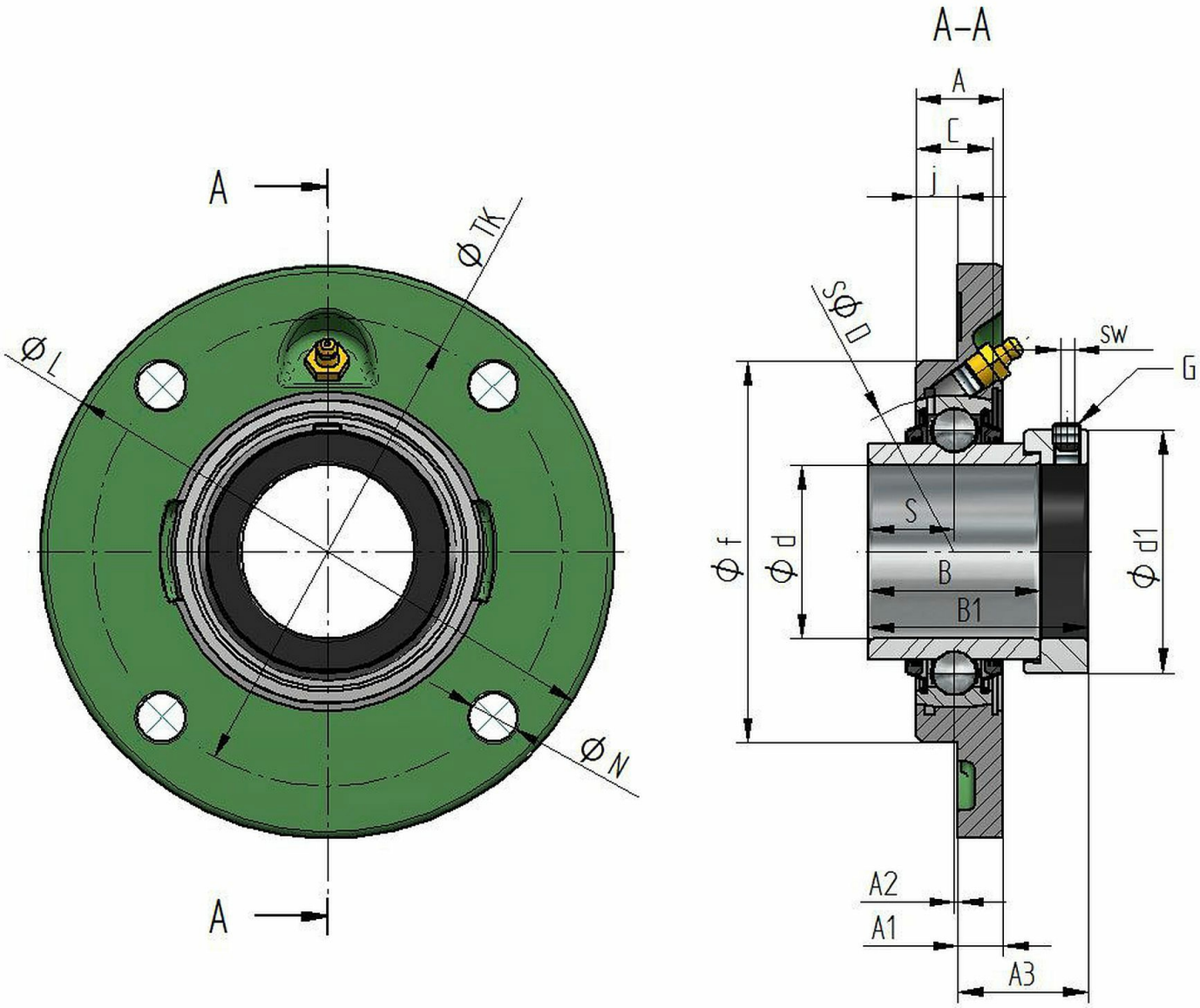
TME	Design
45	Size

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	45	0 / 21	626-1
d1	clamping ring outer diameter	63.5	0 / -210	
D	nominal outer diameter	85	0 / -15	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	25		
A1	flange thickness	12		
A2	effect distance	2	-500 / 500	
A3	width	32.9		
TK	pitch diameter	130		
N	Bohrungsdurchmesser	14		

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dimension	Description	[mm]	tolerance [µm]	DIN/ISO
L	outer diameter of flange	155		
f	outer diameter centering	105	0 / -54	
j	centering length	13	0 / -100	
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
	31700		281	20600	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		2600	

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		
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.