Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

article GLCTE 25 HA2 **Art-No.** 45265 **brand** SKA **weight/kg** 0.475

description

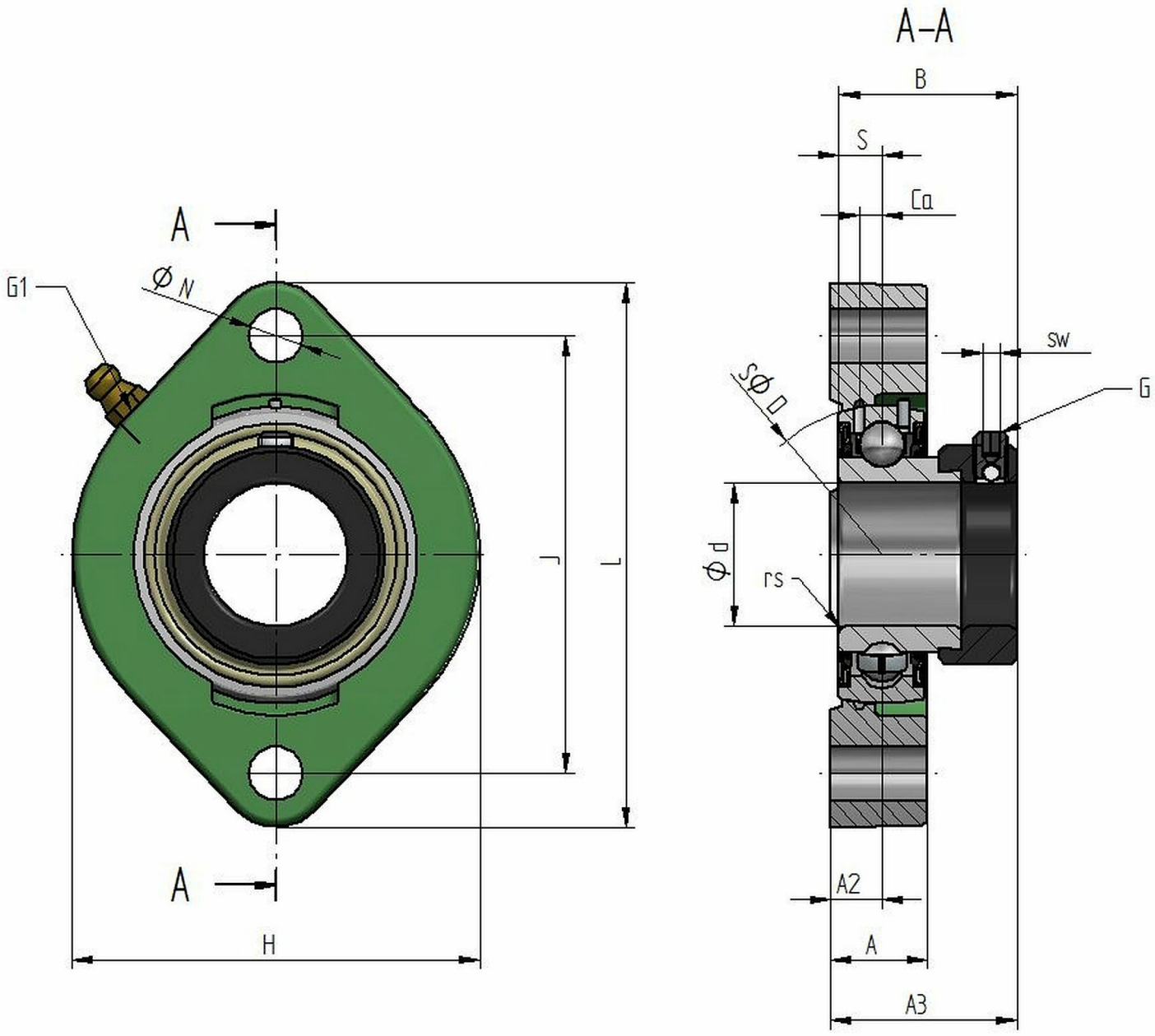
GLCTE Design
25 Size

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	25	0 / 18	626-1
D	nominal outer diameter	52	-12 / 18	
B	width	33	0 / -120	
rs min.	minimal chamfer dimension	1		625-1
Ca	distance lubrication groove	3.9		626-1
S	swing axle distance	7.5		626-1
A	housing height	17.5		
A2	effect distance	9.5	-500 / 500	
A3	total width	33	0 / -120	
J	hole spacing	76.2	-500 / 500	

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dimension	Description	[mm]	tolerance [µm]	DIN/ISO
L	housing length	97		
H	housing width	71		
N	hole diameter	9		
G	thread	M6x0.75		
sw	wrench size	3		
G1	thread grease nipple	M6x1		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	14000	400	281	7830	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		4500	

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		
Housing	GG20		

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