general data/description

created: 29.05.2019 / 01 page: 1 / 2

article UCF 214 HA2 **Art-No.** 46418 **brand** SKA **weight/kg** 5.90

description

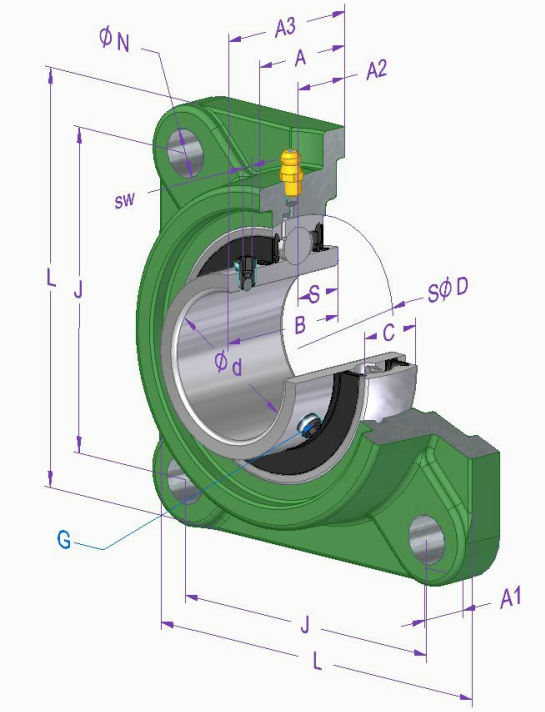
UCF Design
214 Size

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	70	0 / 24	626-1
D	nominal outer diameter	125	0 / -18	620-2
B	inner ring width	74.6	0 / -150	626-1
C	outer ring width	28	0 / -150	620-2
S	swing axle distance	30.2		626-1
A	housing width	54		626-2
A1	flange thickness	23		626-2
A2	effect distance	31	-800 / 800	626-2
A3	total width	75.4		
J	hole spacing	152	-1 / 1	626-2
L	housing width	193		626-2
N	hole diameter	19		
sw	wrench size	5		
G	thread	M10x1.25		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	57200	2100	281	40700	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		1600	

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

bearing clearance	radial min. [µm]	max. [µm]
	25	51

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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		
Centrifugal disc	Sheet steel		
Housing	GG20		

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