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general data/description

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article TCJT 35 N HA2 **Art-No.** 46541 **brand** SKA **weight/kg** 1.21

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

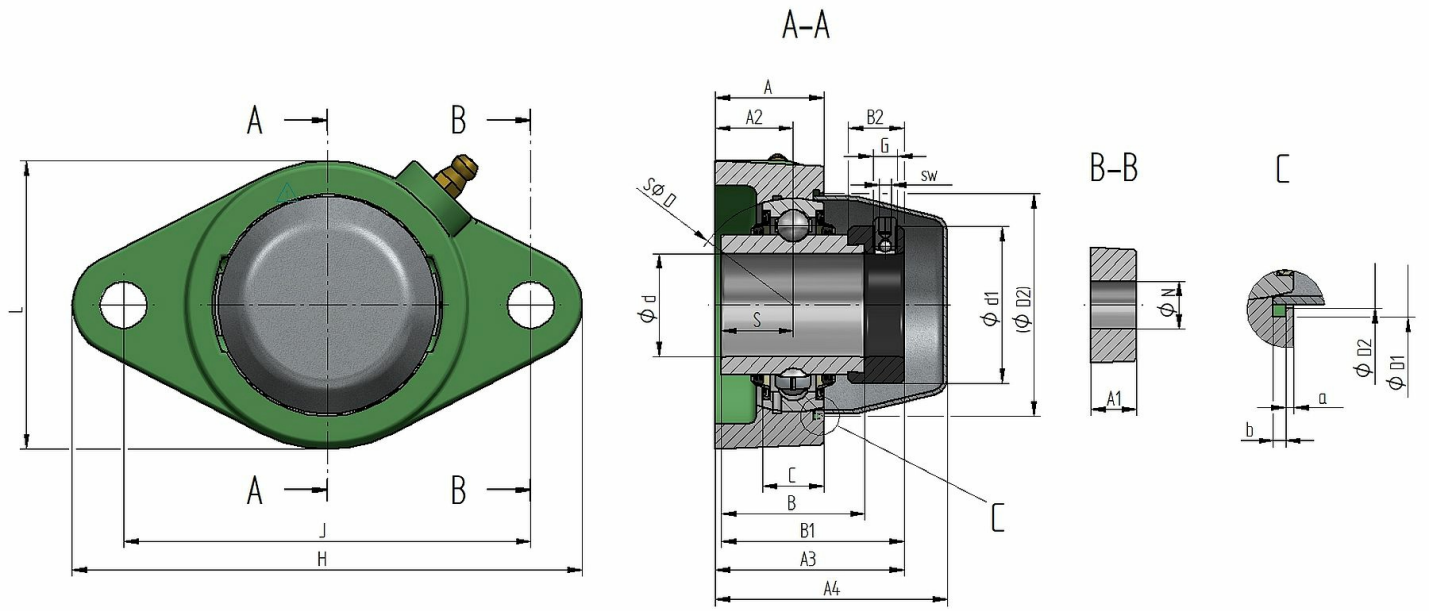
description

TCJT	Design
35	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	35	0 / 21	626-1
D	nominal outer diameter	72	0 / -13	620-2
B	inner ring width	37.6	0 / -120	620-2
B1	total width inner ring	51.1		626-1
B2	clamping ring width	17.5		626-1
C	outer ring width	19	0 / -120	626-1
S	swing axle distance	18.8		626-1
A	housing height	30.5		626-2
A1	flange thickness	12.5		626-2
A2	effect distance	21	-500 / 500	626-2
A3	total width	53.8		
A4	Distance	-		
d1	eccentric ring outer diameter	55.6	0 / -210	626-1
D1	groove diameter	75	0 / 200	
D2	diameter	73	0 / -200	
a	groove distance front side	2		
b	snap ring groove width	1.5	0 / -200	
J	hole spacing	130	-500 / 500	626-2
H	housing length	155		626-2
L	housing width	92		626-2
N	hole diameter	14		
G	thread	M10x1.25		
sw	wrench size	5		

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calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	25700	795	281	15300	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		3400	

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		
Clamping ring	C45		
Housing	GG20		

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