Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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article UB 205 HA2 **Art-No.** 43644 **brand** SKA **weight/kg** 0.16

description

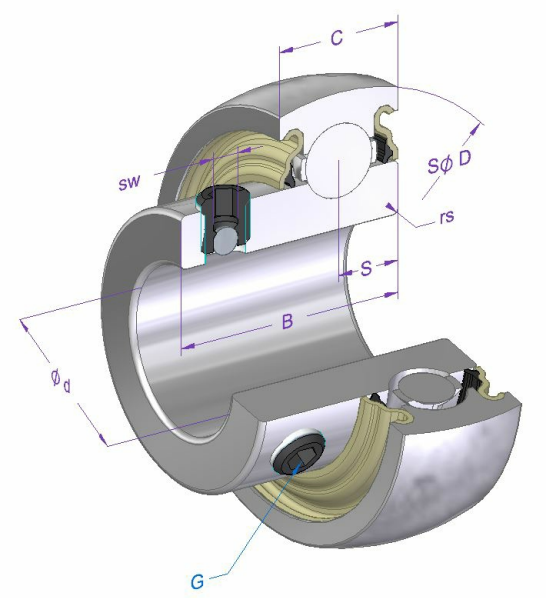
UB	Design
205	Size

remark Rotational speed is reference value for shaft tolerance h7. Also depending on load and seal. Not relubricatable.

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	0 / -13	620-2
B	inner ring width	27	0 / -120	
C	outer ring width	15	0 / -120	616
S	swing axle distance	7.5		626-1
rs min.	minimal chamfer dimension	1		616
sw	wrench size	2.5		
G	thread	M5 x 0.8		

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]
		4800	

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		

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