Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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article RAE 30 NPP HA2 **Art-No.** 51107 **brand** SKA **weight/kg** 0.31

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

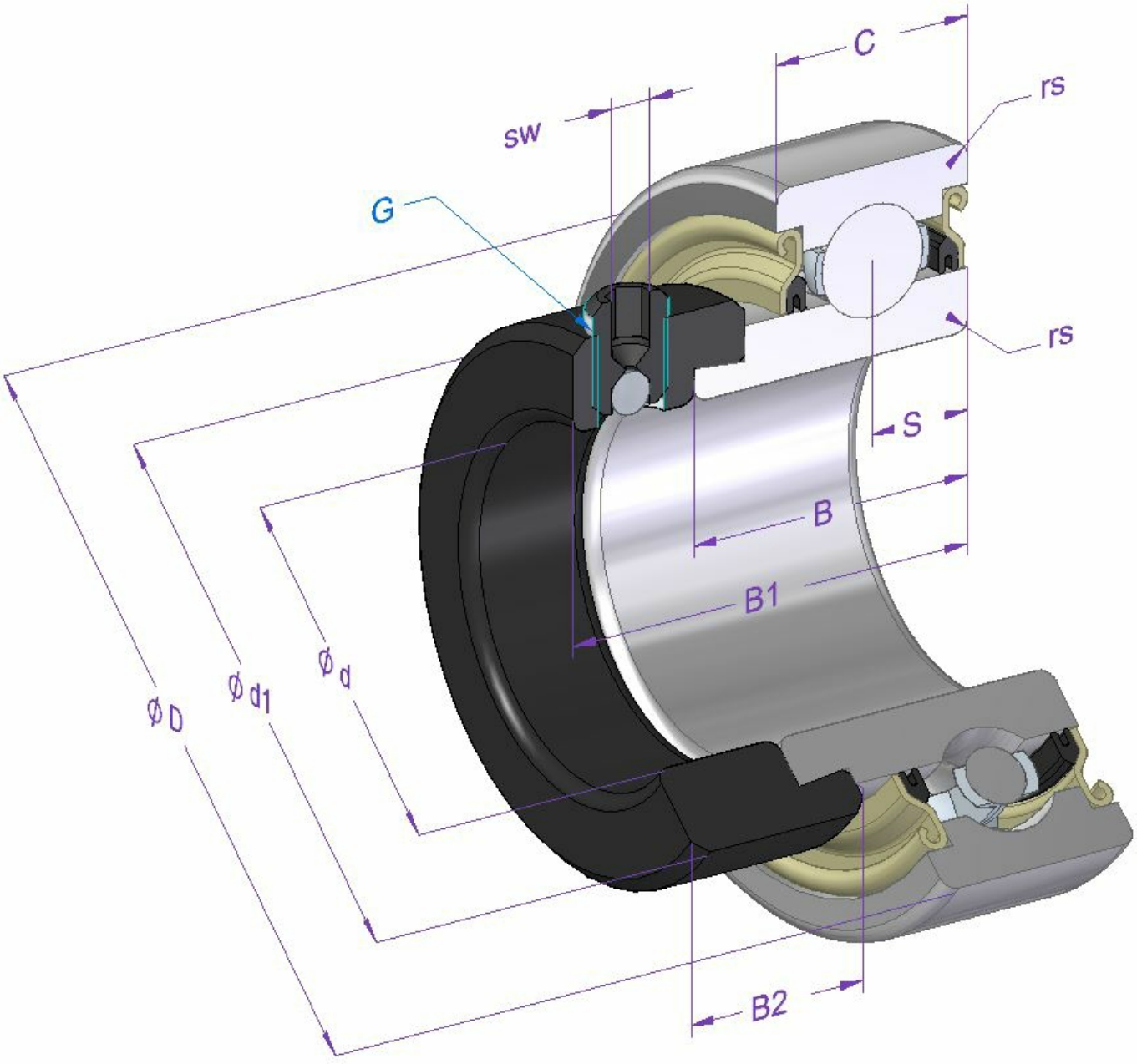
description

RAE	Design
30	Size
NPP	Seals

greasing

HA2	HANGU2#, GREAT WALL MOTOR BEARING GREASE

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	30	0 / 18	626-1
d1 max.	clamping ring outer diameter	44.5		626-1
B	inner ring width	23.8	0 / -120	626-1
B1	total width	35.7		626-1
B2	clamping ring width	15.9		626-1
D	nominal outer diameter	62	0 / -11	620-2
C	outer ring width	18	0 / -120	620-2

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dimension	Description	[mm]	tolerance [µm]	DIN/ISO
S	swing axle distance	9		626-1
rs min.	minimal chamfer dimension	1		
G	thread	M8x1		
sw	wrench size	4		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	19500	585	281	11300	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		4000	

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		
Clamping ring	C45		

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