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data sheet

general data/description

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article RAE 50 NPP HA2 **Art-No.** 23196 **brand** SKA **weight/kg** 0.77

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

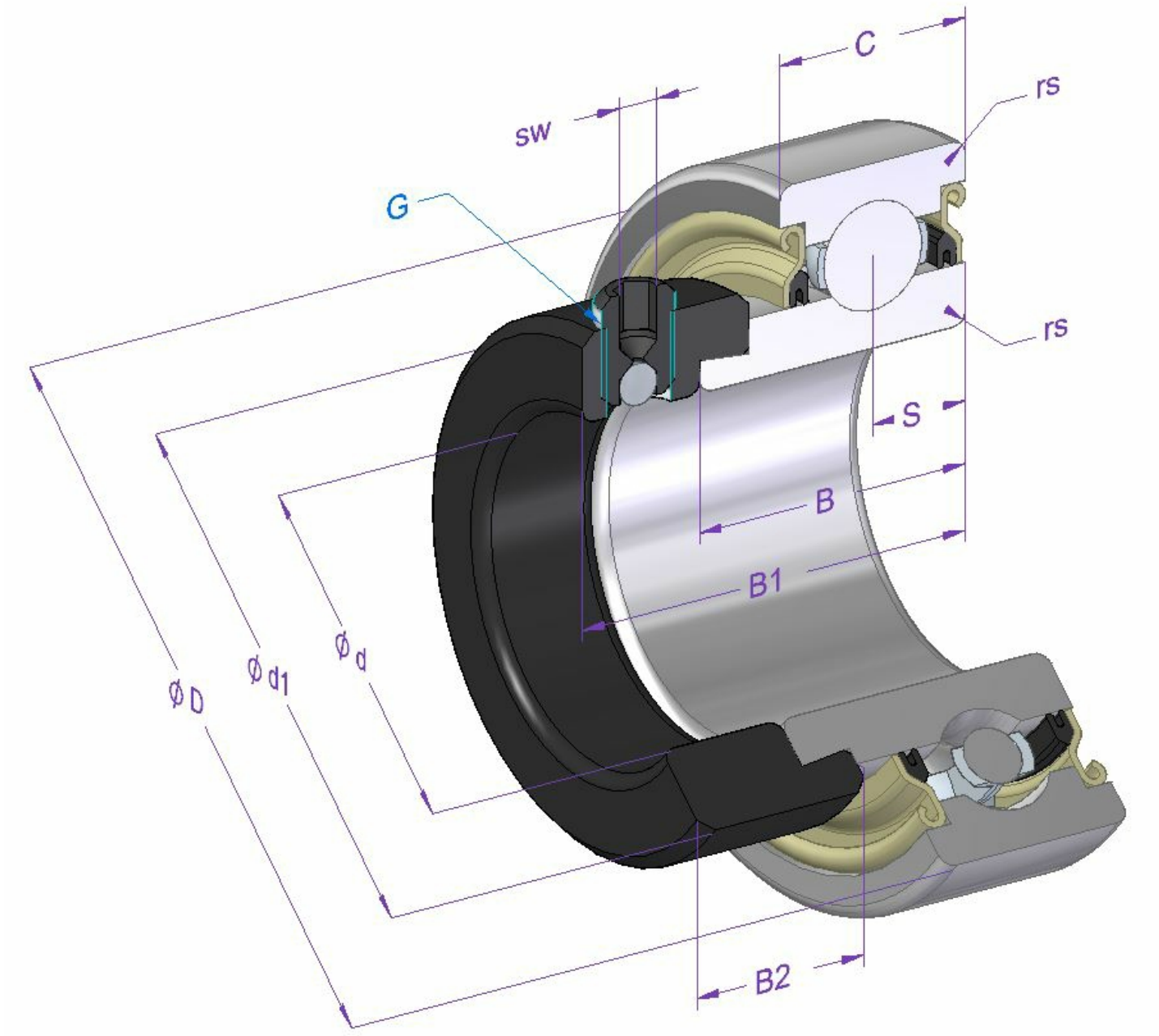
description

RAE	Design
50	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	50	0 / 21	626-1
d1 max.	clamping ring outer diameter	69.9		626-1
B	inner ring width	30.2	0 / -120	626-1
B1	total width	43.7		626-1
B2	clamping ring width	18.3		626-1
D	nominal outer diameter	90	0 / -15	620-2
C	outer ring width	22	0 / -120	620-2

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dimension	Description	[mm]	tolerance [µm]	DIN/ISO
S	swing axle distance	11		626-1
rs min.	minimal chamfer dimension	1.5		
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
	35100	1210	281	23200	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		2400	

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

bearing clearance	radial min. [µm]	max. [µm]
	18	36

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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