Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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article EN 204 HA2 **Art-No.** 34248 **brand** SKA **weight/kg** 0.16

description

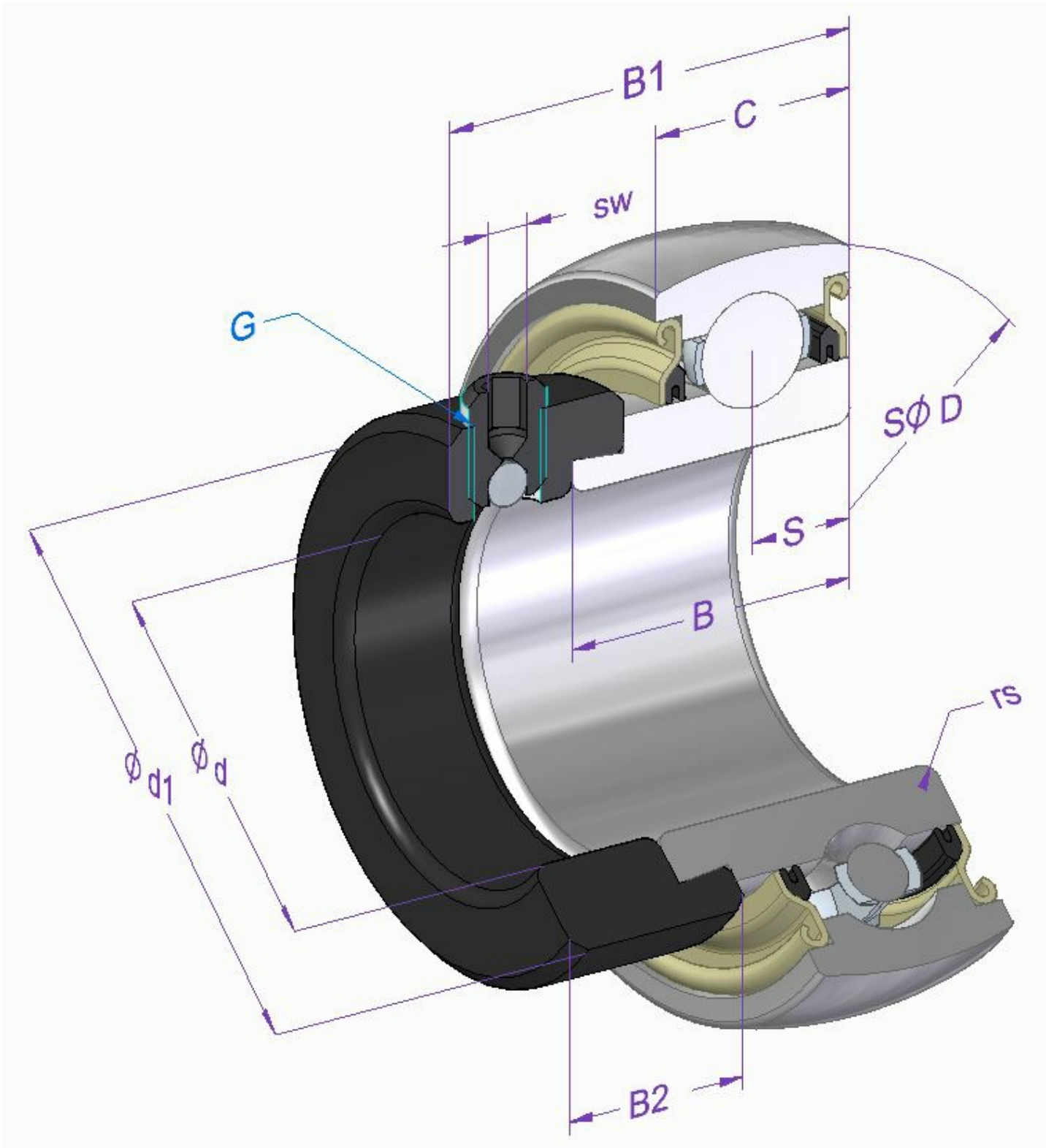
EN Design
204 Size

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	20	0 / 18	626-1

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dimension	Description	[mm]	tolerance [µm]	DIN/ISO
D	nominal outer diameter	47	0 / -11	620-2
B	inner ring width	21.5	0 / -120	626-1
rs min.	minimal chamfer dimension	1		616
S	swing axle distance	7.5		626-1
B1	total width inner ring	31		626-1
B2	eccentric ring width	13.5		626-1
C	outer ring width	15	0 / -120	616
d1	eccentric ring outer diameter	33.3	0 / -210	626-1
sw	wrench size	3		
G	thread	M6x0.75		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	12800		281	6410	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		5300	

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

bearing clearance	radial min. [µm]	max. [µm]
	13	28

bearing clearance	axial min. [µm]	max. [µm]

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		
Eccentric ring	C45		

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