general data/description

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article UCP 210 UZ1 **Art-No.** 52472 **brand** SKA **weight/kg** 2.70

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

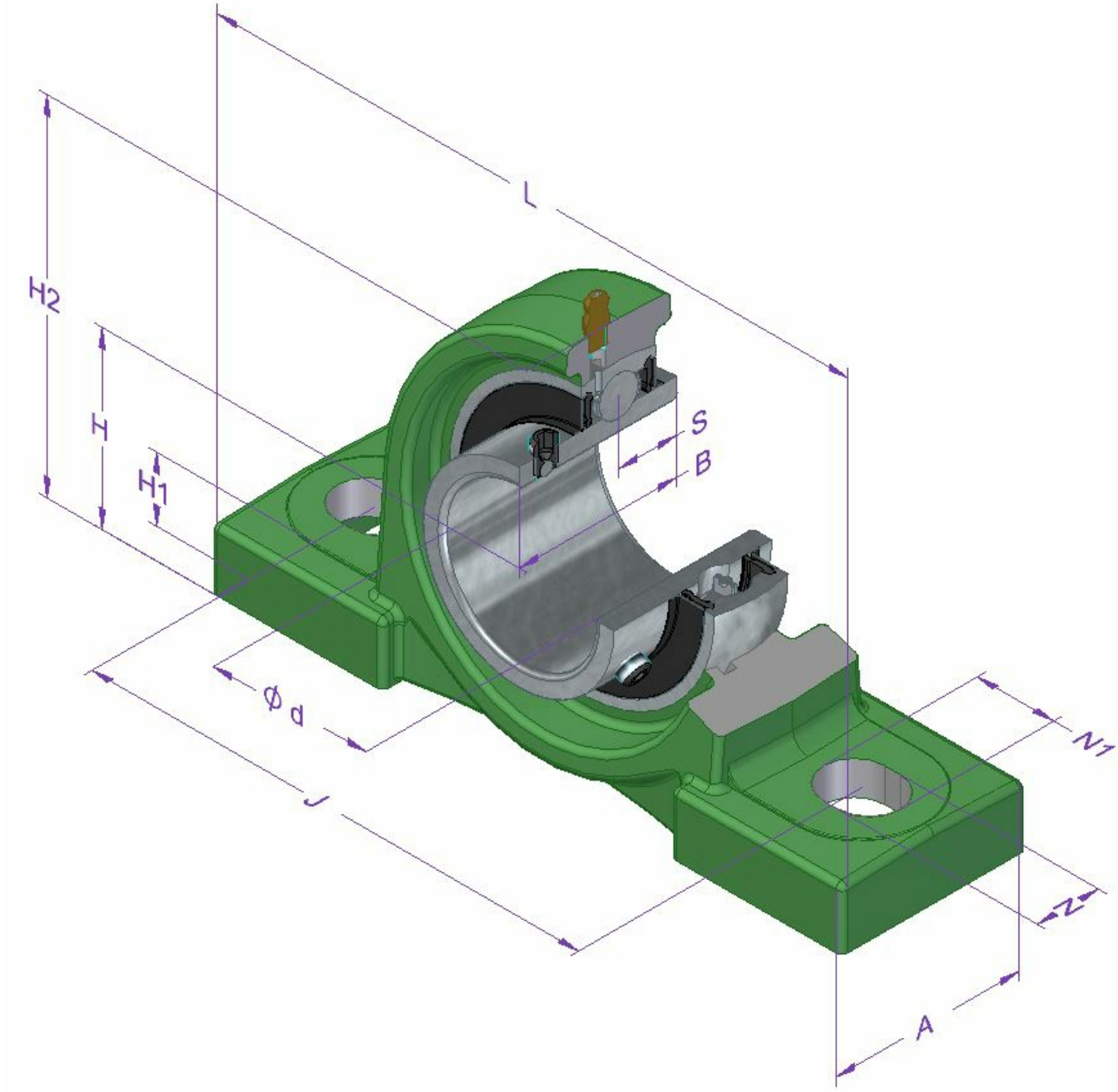
description

UCP	Design
210	Size

greasing

UZ1	UNIVERSAL ZR-LN1

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	50	0 / 21	626-1
L	housing length	202		626-2
J	hole spacing	159	-700 / 700	626-2
H	mirror height	57.2	-150 / 150	626-2
H1	dedendum	21		626-2
H2	total height	110		

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dimension	Description	[mm]	tolerance [µm]	DIN/ISO
A	housing width	57		626-2
B	inner ring width	51.6	0 / -120	626-1
Ca	distance lubrification hole	6.5		626-1
S	swing axle distance	19	-40 / 40	626-1
N	hole witdth	20		
N1	hole length	25		
sw	wrench size	5		
G	thread	M10x1.25		

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		
Centrifugal disc	Sheet steel		
Housing	GG20		

All information in this document was provided and checked carefully. Nevertheless, we can not assume any liability for incomplete or faulty information.