general data/description

created: 28.07.2022 / 01 page: 1 / 2

article UCP 208 UZ1 **Art-No.** 52474 **brand** SKA **weight/kg** 2.00

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

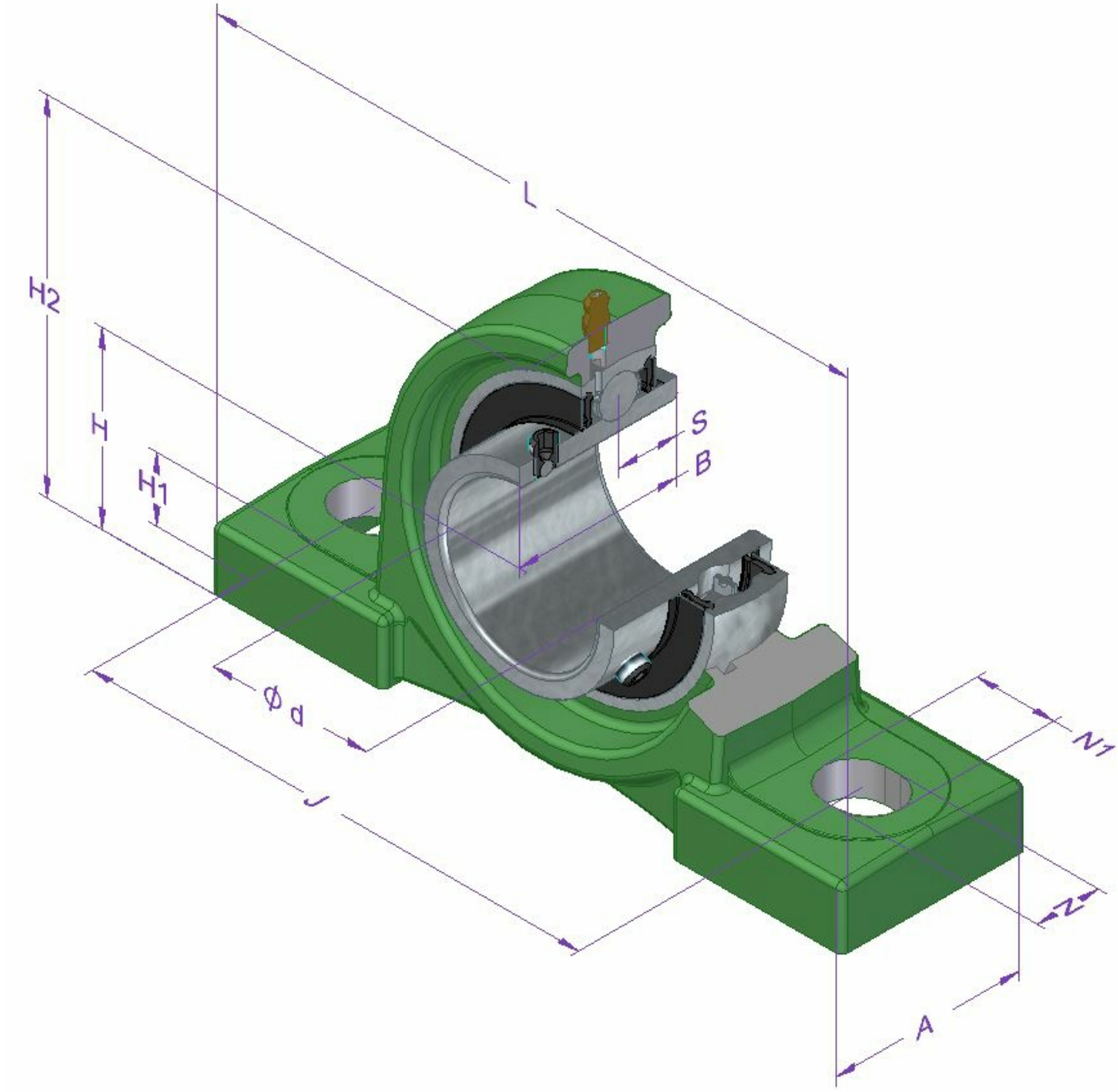
description

UCP	Design
208	Size

greasing

UZ1	UNIVERSAL ZR-LN1

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	40	0 / 21	626-1
L	housing length	181		626-2
J	hole spacing	137	-700 / 700	626-2
H	mirror height	49.2	-150 / 150	626-2
H1	dedendum	18		626-2
H2	total height	99		626-2

article UCP 208 UZ1 **Art-No.** 52474

dimension	Description	[mm]	tolerance [µm]	DIN/ISO
A	housing width	53		626-2
B	inner ring width	49.2	0 / -120	626-1
S	swing axle distance	19		626-1
N	hole witdth	17		
N1	hole length	21		
sw	wrench size	4		
G	thread	M8x1		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	29500	940	281	18100	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		3000	

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

bearing clearance	radial min. [µm]	max. [µm]
	15	33

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	EN-GJL-200		

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