general data/description

created: 05.04.2023 / 01 page: 1 / 2

article UCP 205 UZ1 **Art-No.** 52864 **brand** SKA **weight/kg** 0.79

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

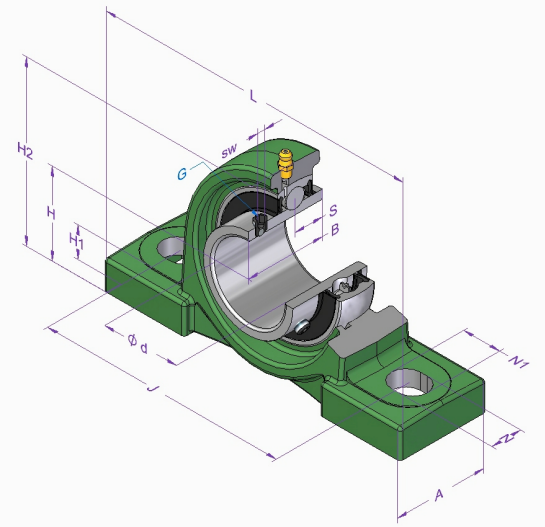
description

UCP	Design
205	Size

greasing

UZ1	UNIVERSAL ZR-LN1

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	25	0 / 18	626-1
L	length	140		626-2
J	hole spacing	105	-700 / 700	626-2
H	mirror height	36.5	-150 / 150	626-2
H1	dedendum	15		626-2
H2	total height	70		
A	housing width	37		
B	inner ring width	34	0 / -120	WERKSNORM
S	swing axle distance	14.3		
N	hole witdth	13		
N1	hole length	19		
sw	wrench size	3		
G	thread	M6x1		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	14000	400	281	7870	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		4500	

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

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

article UCP 205 UZ1 **Art-No.** 52864

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.