Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

article UCP 204 UZ1 **Art-No.** 52493 **brand** SKA **weight/kg** 0.65

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

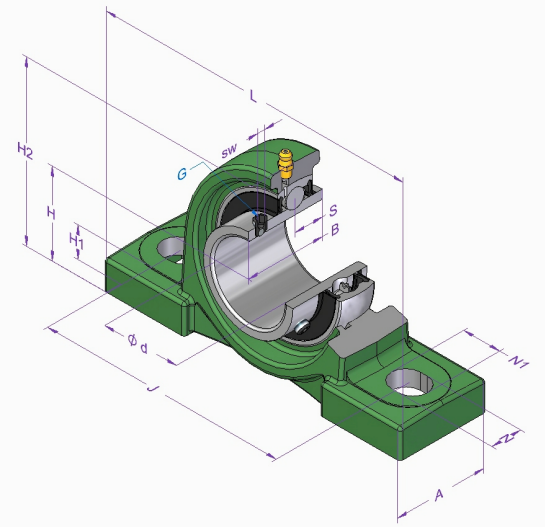
description

UCP	Design
204	Size

greasing

UZ1	UNIVERSAL ZR-LN1

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	20	0 / 18	626-1
L	length	127	-1800 / 1800	WERKSNORM
J	hole spacing	95	-1600 / 1600	WERKSNORM
H	mirror height	33.3	-150 / 150	WERKSNORM
H1	dedendum	14.5	-1400 / 1400	WERKSNORM
H2	total height	65	-1600 / 1600	WERKSNORM
A	housing width	38	-1300 / 1300	WERKSNORM
B	inner ring width	31	0 / -120	626-1
S	swing axle distance	12.7		626-1
N	hole witdth	13	-1400 / 1400	WERKSNORM
N1	hole length	19	-1400 / 1400	WERKSNORM
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
	12800	340	281	6590	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

article UCP 204 UZ1 **Art-No.** 52493

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.