general data/description

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article UCF 207 UZ1 **Art-No.** 52473 **brand** SKA **weight/kg** 1.286

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

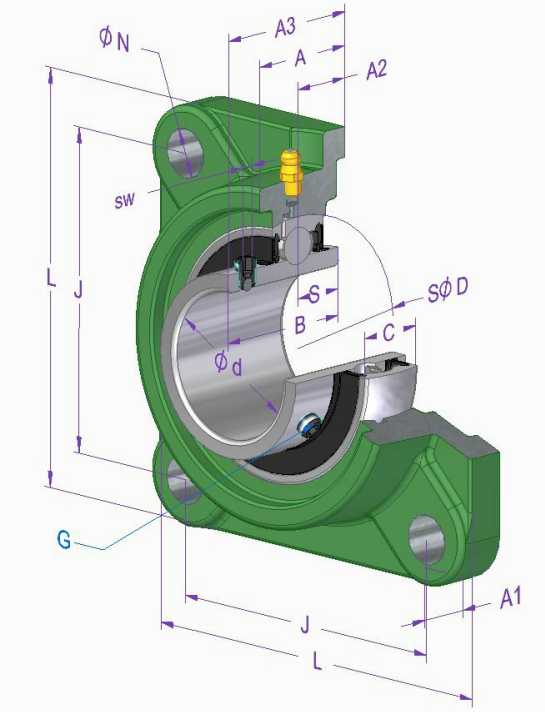
description

UCF	Design
207	Size

greasing

UZ1	UNIVERSAL ZR-LN1

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	35	0 / 21	626-1
D	nominal outer diameter	72	0 / -13	620-2
B	inner ring width	42.9	0 / -120	626-1
C	outer ring width	20	0 / -120	626-1
S	swing axle distance	17.5		626-1
A	housing width	34		626-2
A1	flange thickness	15.5		626-2
A2	effect distance	19	-500 / 500	626-2
A3	total width	44.4		
J	hole spacing	92	-700 / 700	626-2
L	housing length	117		626-2
N	hole diameter	14		626-2
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
	25700	790	281	15300	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		3400	

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

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

article UCF 207 UZ1 **Art-No.** 52473

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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