general data/description

created: 10.10.2022 / 02 page: 1 / 2

article UCF 214 UZ1 **Art-No.** 52657 **brand** SKA **weight/kg** 5.90

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

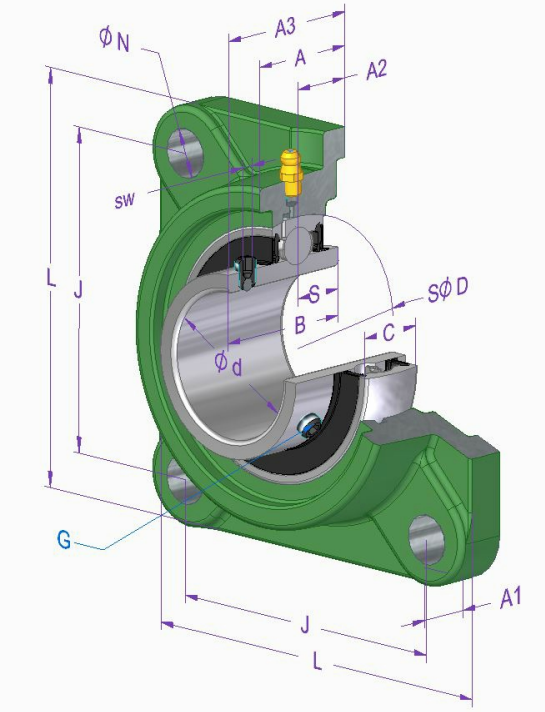
description

UCF	Design
214	Size

greasing

UZ1	UNIVERSAL ZR-LN1

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	70	0 / 24	626-1
D	nominal outer diameter	125	0 / -18	620-2
B	inner ring width	74.6	0 / -150	626-1
C	outer ring width	30	0 / -150	620-2
S	swing axle distance	30.2		626-1
A	housing width	54		626-2
A1	flange thickness	22		626-2
A2	effect distance	31	-800 / 800	626-2
A3	total width	75.4		
J	hole spacing	152	-1000 / 1000	626-2
L	housing width	193		626-2
N	hole diameter	19		
sw	wrench size	6		
G	thread	M12x1.25		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	62200	2290	281	44100	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		1600	

operating temperature	max. [°C]	min. [°C]
	100	-20

bearing clearance	radial min. [µm]	max. [µm]
	25	51

article UCF 214 UZ1 **Art-No.** 52657

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.