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general data/description

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article UCFL 208 UZ1 **Art-No.** 52589 **brand** SKA **weight/kg** 1.60

description

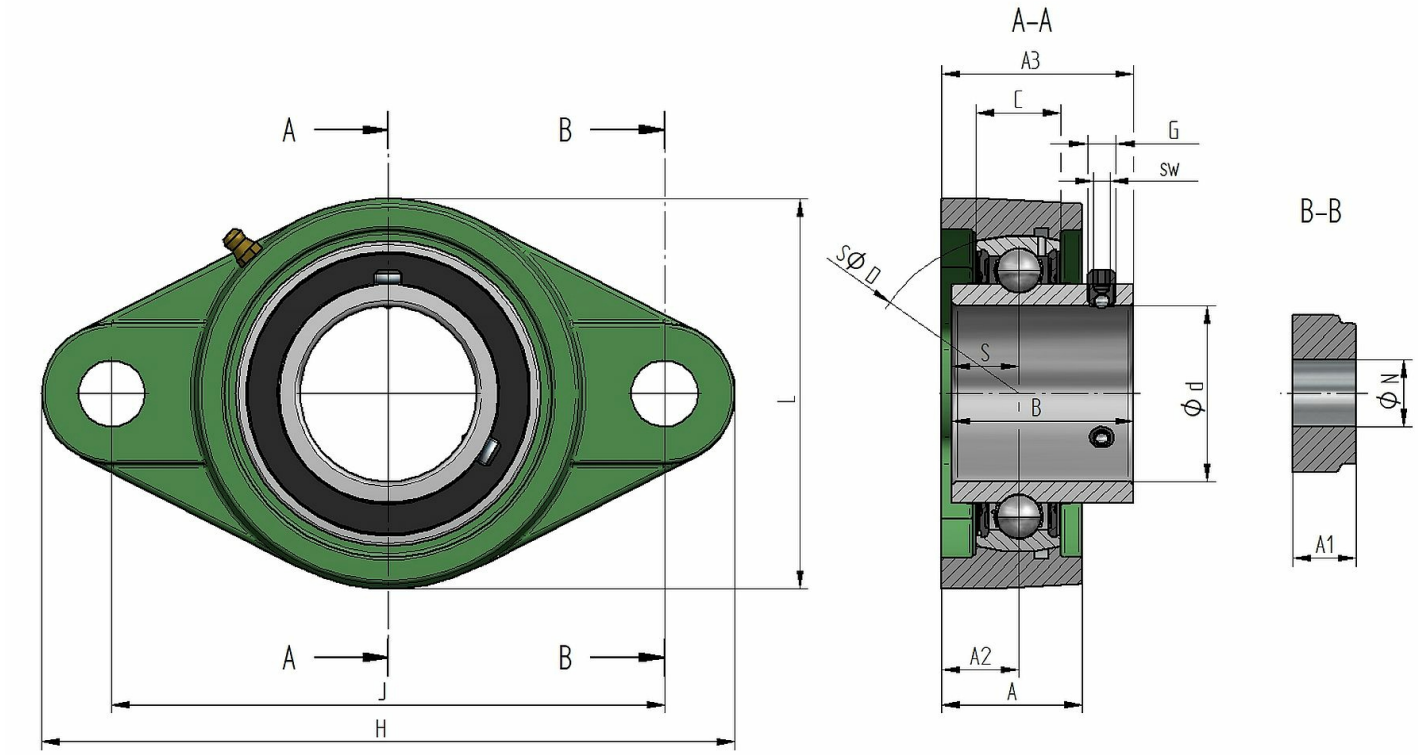
UCFL Design
208 Size

greasing

UZ1 UNIVERSAL ZR-LN1

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

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	40	0 / 21	626-1
D	nominal outer diameter	80	0 / -13	620-2
B	inner ring width	49.2	0 / -120	620-2
C	outer ring width	21	0 / -120	626-1
S	swing axle distance	19		626-1
A	housing height	35.5		626-2
A1	flange thickness	13.5		626-2
A2	effect distance	21	-400 / 400	WERKSNORM
A3	total width	51.2		
J	hole spacing	144	-500 / 500	626-2
H	housing length	174		WERKSNORM
L	housing width	100		626-2
N	hole diameter	16		SONDER
sw	wrench size	4		
G	thread	M8x1		

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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	GG20		

All information in this document was provided and checked carefully. Nevertheless, we can not assume any liability for incomplete or faulty information.