general data/description

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article UCF 216 UZ1 **Art-No.** 52513 **brand** SKA **weight/kg** 6.30

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

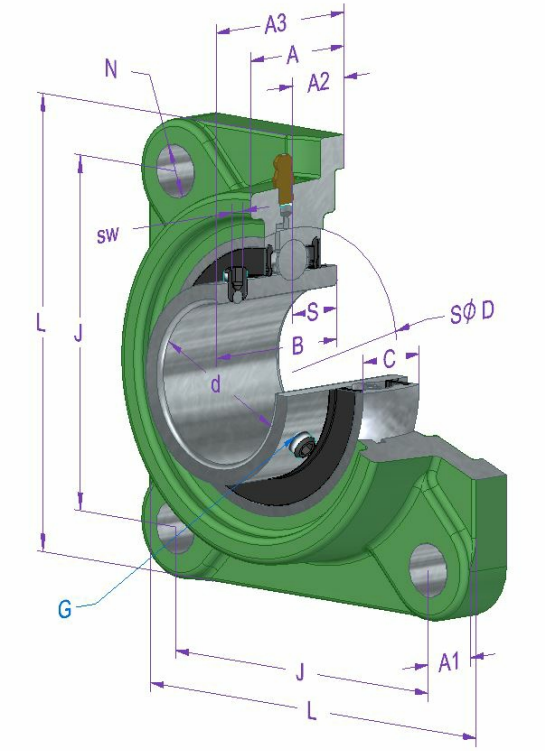
description

UCF	Design
216	Size

greasing

UZ1	UNIVERSAL ZR-LN1

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	80	0 / 24	626-1
D	nominal outer diameter	140	0 / -18	620-2
B	inner ring width	82.6	0 / -150	626-1
C	outer ring width	33	0 / -150	626-1
S	swing axle distance	33.3		626-1
A	housing width	58		626-2
A1	flange thickness	24		626-2
A2	effect distance	34	-800 / 800	626-2
A3	total width	83.3		
J	hole spacing	165	-1000 / 1000	626-2
L	housing length	208		626-2
N	hole witdth	23		626-2
sw	wrench size	6		
G	thread	M12x1.25		

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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**
	72700	2630		281	53000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		1400				
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	25	51				

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.