Hans Saurer Kugellager AG
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data sheet

general data/description

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article GLCTE 15 UZ1 **Art-No.** 52693 **brand** SKA **weight/kg** 0.30

description

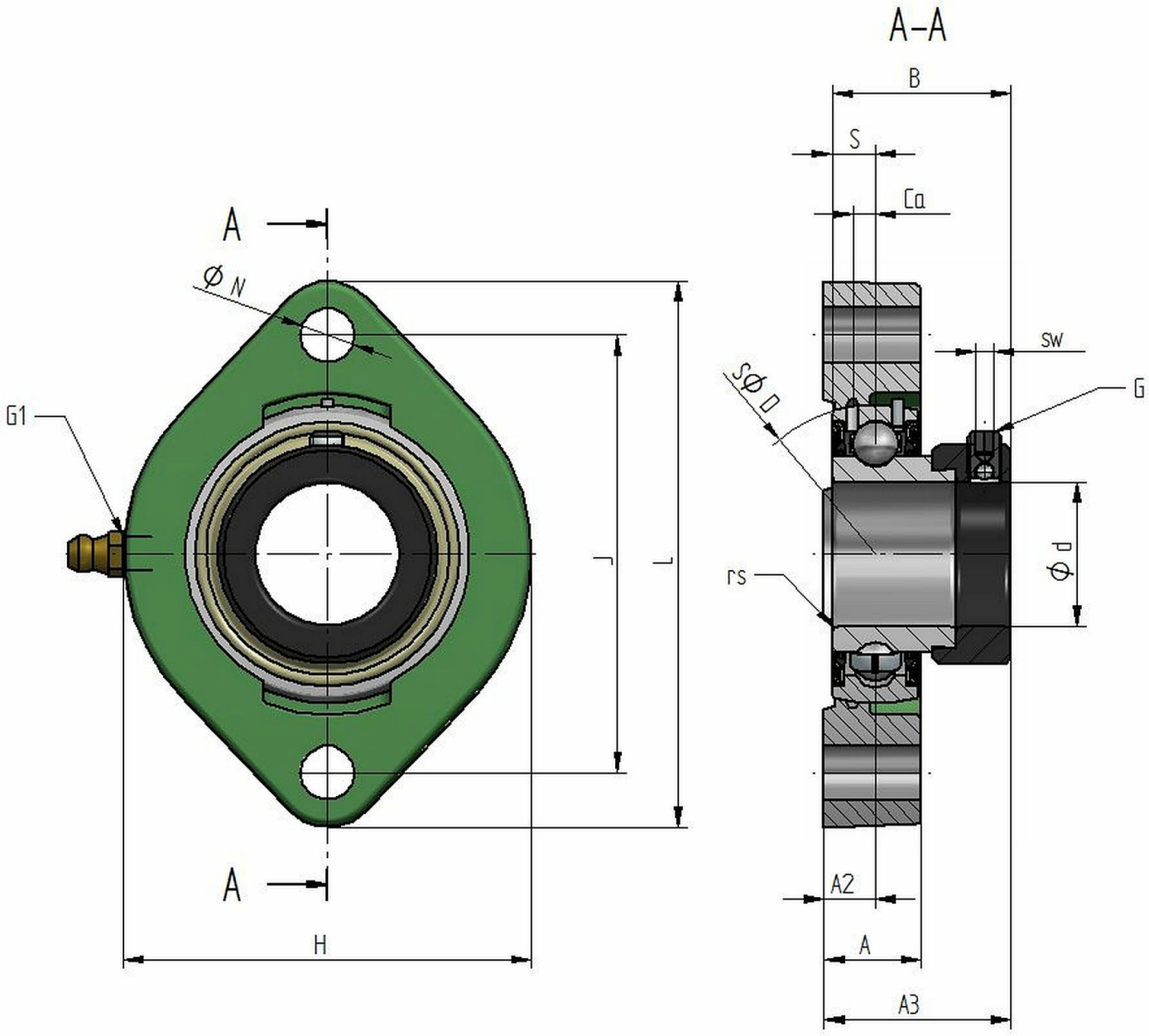
GLCTE Design
15 Size

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	15	0 / 15	626-1
D	nominal outer diameter	40	0 / -11	620-2
B	width	28.6		626-1
rs min.	minimal chamfer dimension	0.4		WERKSNORM
Ca	distance lubrication groove	3.4		626-1
S	swing axle distance	6.5		626-1
A	housing height	15	-1100 / 1100	WERKSNORM
A2	effect distance	8.4	-200 / 200	WERKSNORM
A3	total width	30.5	-300 / 300	WERKSNORM

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dimension	Description	[mm]	tolerance [µm]	DIN/ISO
J	hole spacing	63.5	-300 / 300	WERKSNORM
L	housing length	81	-1600 / 1600	WERKSNORM
H	housing width	58.7	-1400 / 1400	WERKSNORM
N	hole diameter	6.6	-200 / 200	WERKSNORM
G	thread	M6x1		
sw	wrench size	3		
G1	thread grease nipple	M6x1		

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**	**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	9500	240	281	4690	76

speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**
		6000	

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

bearing clearance	**radial min. [µm]**	**max. [µm]**
	11	25

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	58-66
Cage	Sheet steel		
Seals	Sheet steel/NBR		
Clamping ring	C45		
Housing	GG20		

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