Hans Saurer Kugellager AG
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data sheet

general data/description

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article UBPFL 202 VERZ UZ1 **Art-No.** 52500 **brand** SKA **weight/kg** 0.17

remark Rotational speed is reference value for shaft tolerance h7. Also depending on load and seal. Not relubricatable.

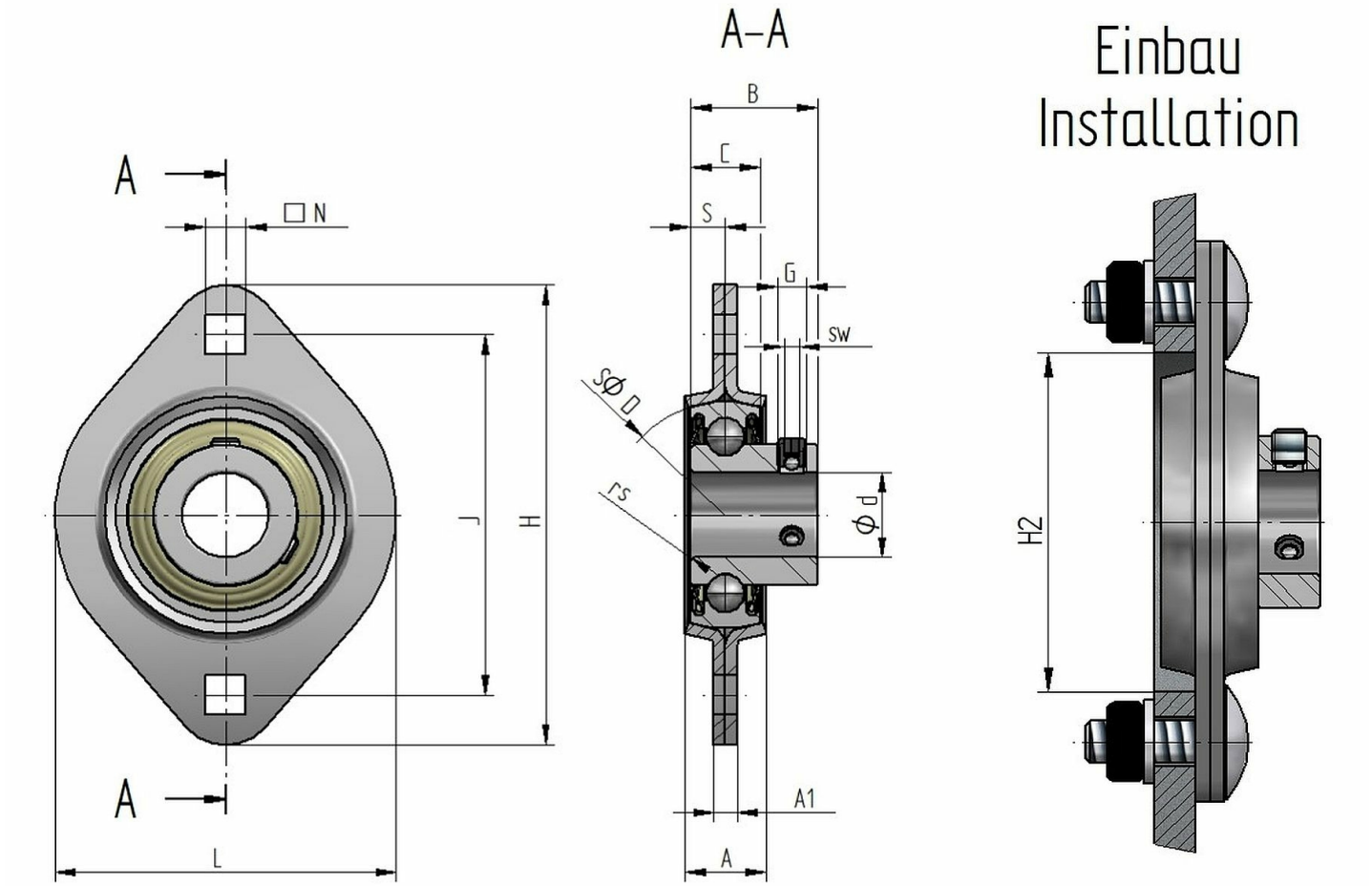
description

UBPFL	design
202	Size
VERZ	galvanized

greasing

UZ1	UNIVERSAL ZR-LN1

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	inner ring width	22	0 / -120	620-2
C	outer ring width	12	0 / -120	620-2
rs min.	minimal chamfer dimension	0.5		
S	swing axle distance	6		626-1
A	housing width	14		626-2
A1	flange thickness	4		626-2
J	square hole distance	63.5	-400 / 400	626-2
N	square hole	7	-600 / 600	626-2
H	housing length	81		626-2
L	housing width	59		626-2
H2 min.	connection diameter	49		626-2
G	thread	M5x0.8		
sw	wrench size	2.5		

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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**
	9550	245		281	4760	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		2400				
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	58-65
Cage	Sheet steel		
Seals	Sheet steel/NBR		
Housing	Sheet steel, galvanized		

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