Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

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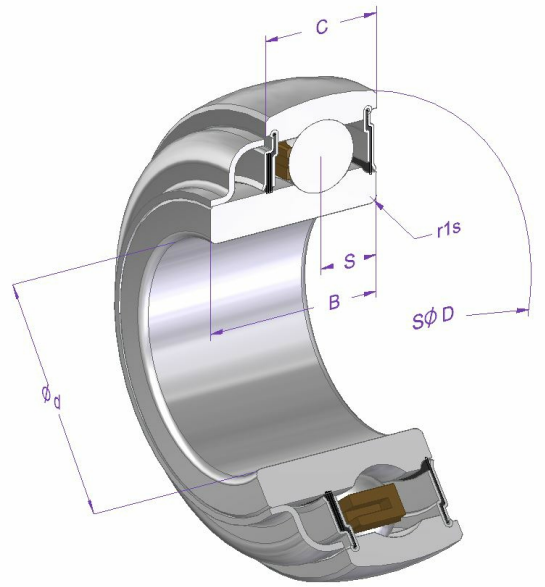
article SKA 10228.2 **Art-No.** 49589 **brand** SKA **weight/kg** 0.00

description

SKA Article according to drawing
10228.2 Drawing number

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

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	35	0 / -12	620-2
D	nominal outer diameter	72	0 / -13	620-2
C	outer ring width	19	0 / -120	WERKSNORM
B	inner ring width	28.4	0 / -120	WERKSNORM
r1s min.	minimal chamfer dimension	1.1		
S	swing axle distance	9.5		

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	25700	790		281	15300	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		3400				
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	PA66 + GF25		
Sealing washers	St12/NBR		

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