Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

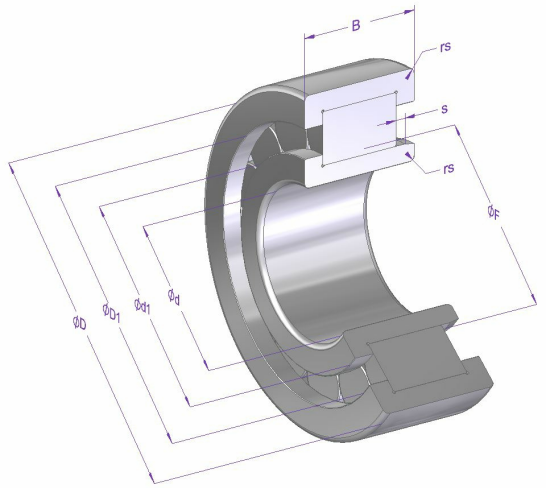
created: 02.02.2016 / 03

article SL19 2309 **Art-No.** 46911 **brand** SKA **weight/kg** 1.37

description

SL19	Design
2309	Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	45	0 / -12	620-2
D	nominal outer diameter	100	0 / -15	620-2
B	width	36	0 / -120	620-2
rs min.	minimal chamfer dimension	1.5		
d1	inner shoulder diameter	~62.5		
D1	outer shoulder diameter	~80.3		
s	axial displacement	~3		
F	raceway diameter	56.1		

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	155000	21300		281	173000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		1300	2800			
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	30	60				

material specification

description	material	DIN/ISO	hardness
Inner ring	100Cr6	683-17	58-65
Outer ring	100Cr6	683-17	58-65
Cylindrical rollers	100Cr6	683-17	58-65

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