Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

data sheet

general data/description

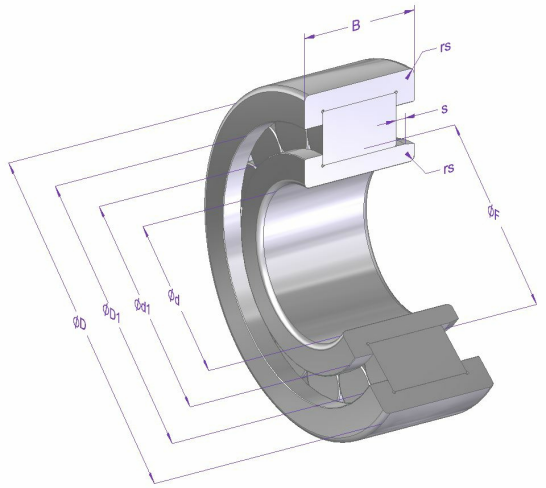
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article SL19 2307 **Art-No.** 46910 **brand** SKA **weight/kg** 0.74

description

SL19	Design
2307	Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	35	0 / -12	620-2
D	nominal outer diameter	80	0 / -13	620-2
B	width	31	0 / -120	620-2
rs min.	minimal chamfer dimension	1.5		
d1	inner shoulder diameter	~50.7		
D1	outer shoulder diameter	~65.8		
s	axial displacement	2		
F	raceway diameter	44.68		

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	110000			281	112000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		1600	3400			
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	25	50				

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

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