general data/description

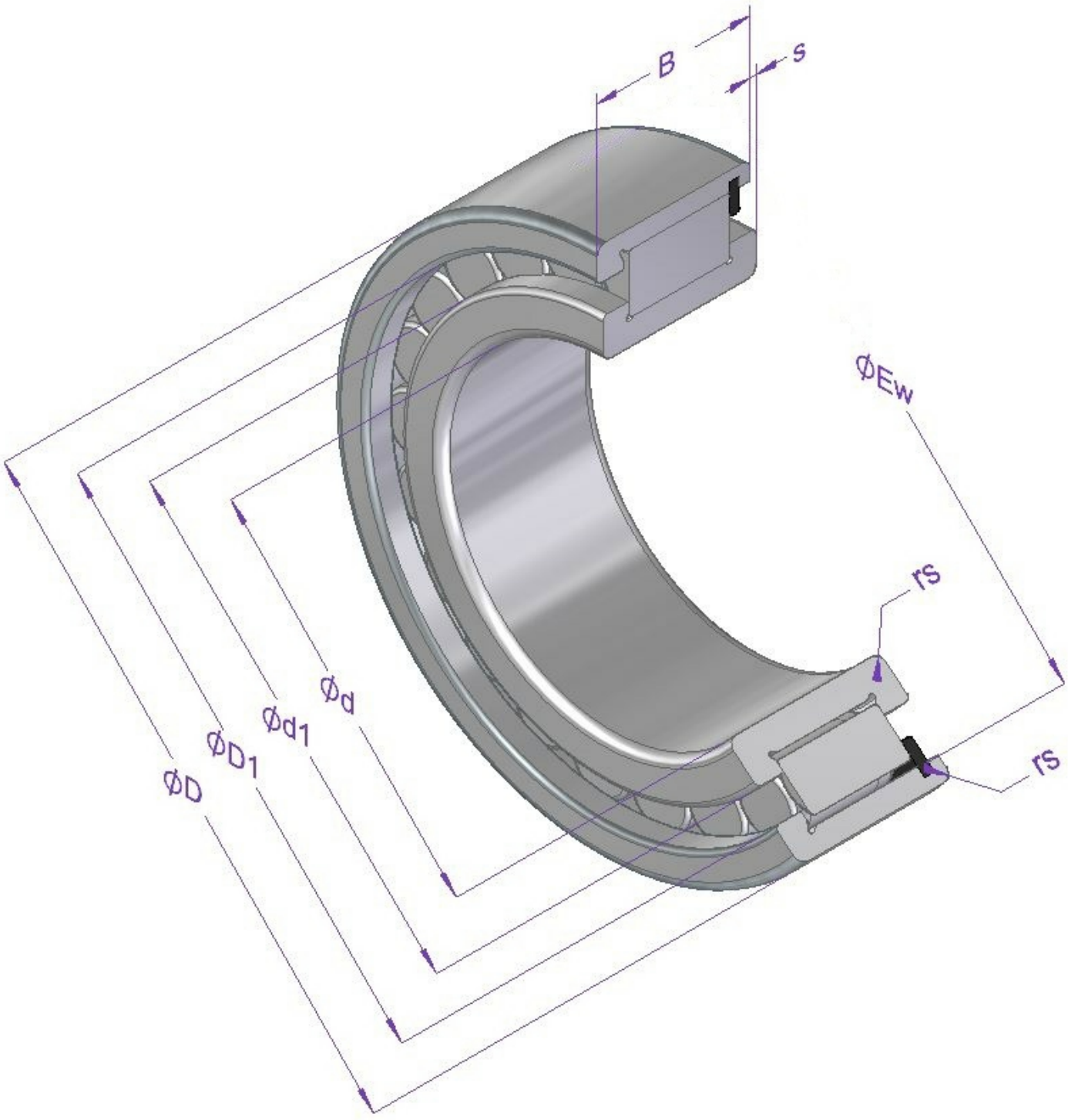
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article SL18 3009 **Art-No.** 46569 **brand** SKA **weight/kg** 0.40

description

SL18	Design
3009	Size

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	45	0 / -12	620-2
D	nominal outer diameter	75	0 / -13	620-2
B	width	23	0 / -120	620-2
rs min.	minimal chamfer dimension	1		
d1	inner shoulder diameter	~55		

article SL18 3009 **Art-No.** 46569

dimension	Description	[mm]	tolerance [µm]	DIN/ISO
D1	outer shoulder diameter	~62		
s	axial displacement	2		
Ew	outer enveloping circle diameter	66.9		

calculation and operating data

load ratings	dynamic C [N]	fatique load limit load Cu [N]	DIN/ISO	static Co [N]	DIN/ISO
	62000		281	79600	76

speed of rotation limit	reference n [1/min]	grease n [1/min]	oil n [1/min]
		2000	4300

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
Snap ring	56Mn4		

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