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data sheet

general data/description

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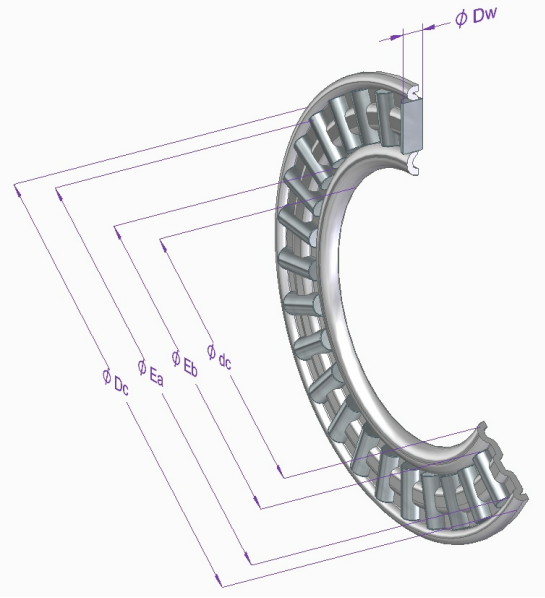
article AXK 6085 **Art-No.** 51421 **brand** SKA **weight/kg** 0.033

description

AXK Design
6085 Size

remark Load ratings and rotational speed also depending on mating track.

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
dc	nominal inner diameter	60	60 / 250	5405-2
Dc	nominal outer diameter	85	-170 / -520	5405-2
Dw	needle roller diameter	3		5405-2
Ea	raceway dimension	83		
Eb	raceway dimension	65		

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	37900	23400		281	216000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		800	3200			
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				

material specification

description	material	DIN/ISO	hardness
Needle rollers	100Cr6	683-17	58-65
Cage	Sheet steel		

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