general data/description

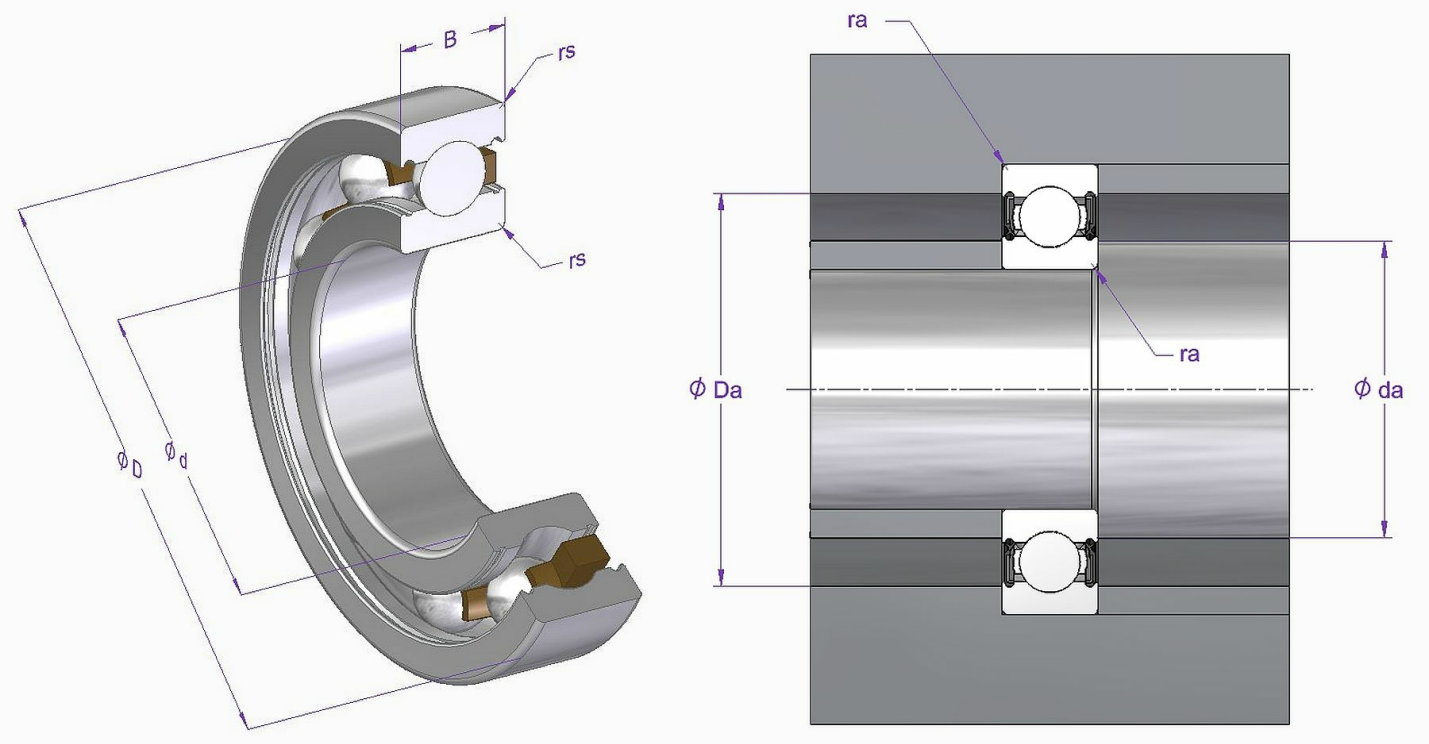
created: 23.09.2025 / 01 page: 1 / 2

article 6212 TN **Art-No.** 54443 **brand** SKA **weight/kg** 0.775

description

6212 Size
TN Plastic cage

dimensions and tolerances



dimension	Description	[mm]	tolerance [µm]	DIN/ISO
d	nominal inner diameter	60	0 / -15	620-2
D	nominal outer diameter	110	0 / -15	620-2
B	width	22	0 / -150	620-2
rs min.	minimal chamfer dimension	1.5		625-1
da min.	mounting dimension	69		5418
Da max.	mounting dimension	101		5418
ra max.	mounting dimension	1.5		5418

calculation and operating data

load ratings	**dynamic C [N]**	**fatique load limit load Cu [N]**		**DIN/ISO**	**static Co [N]**	**DIN/ISO**
	52500	1870		281	36000	76
speed of rotation limit	**reference n [1/min]**	**grease n [1/min]**	**oil n [1/min]**			
		5600	7100			
operating temperature	**max. [°C]**	**min. [°C]**				
	120	-20				
bearing clearance	**radial min. [µm]**	**max. [µm]**				
	8	28				

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	58-66
Käfig	PA66 + GF25		

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