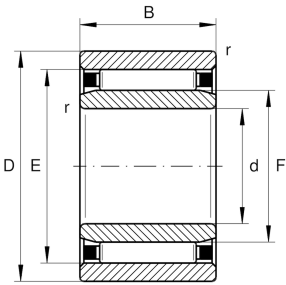


**NAO12X24X13**

Radial roller bearing

Radial roller bearing NAO

Technical information

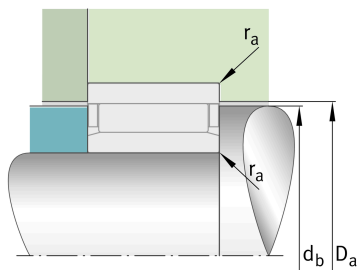
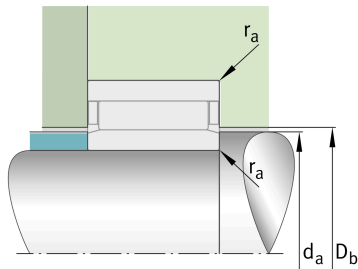


Your current product variant

Cage	Standard	
Radial internal clearance	CN (Group N)	Normal internal clearance
Lubrication hole	Without	Without
Coating	Without	
Type of Seal	Without	
Special features	Without	
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	12 mm	Bore diameter
D	24 mm	Outside diameter
B	13 mm	Width
C_r	8.900 N	Basic dynamic load rating, radial
C_{0r}	11.800 N	Basic static load rating, radial
C_{ur}	1.560 N	Fatigue load limit, radial
n_G	23.600 1/min	Limiting speed
$n_{G \text{ Grease}}$	14.100 1/min	Limiting speed for grease lubrication
n_{gr}	15.000 1/min	Reference speed
$\approx m$	29,9 g	Weight





Mounting dimensions

$r_{a \max}$	0,3 mm	Maximum recess radius
d_a	15,7 mm	Mounting dimension
d_b	19,6 mm	Shoulder diameter axial guidance NK/shaft
D_a	20,3 mm	Shoulder diameter outer ring
D_b	16,4 mm	Shoulder diameter axial guidance NK/housing






Dimensions

r_{\min}	0,3 mm	Minimum chamfer dimension
E	20 mm	Raceway diameter outer ring
F	16 mm	Raceway diameter inner ring
s	0,5 mm	Axial displacement

Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	120 °C	Operating temperature max.

Characteristics

	Radial load
	Grease Lubrication
	Oil Lubrication
	Not sealed
	Small design envelope