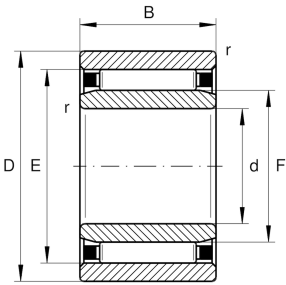


**NAO35X50X17**

Radial roller bearing

Radial roller bearing NAO

## Technical information

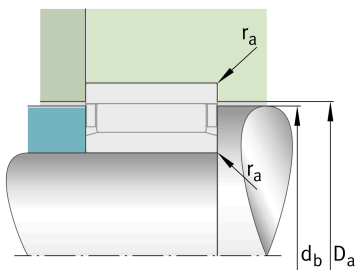
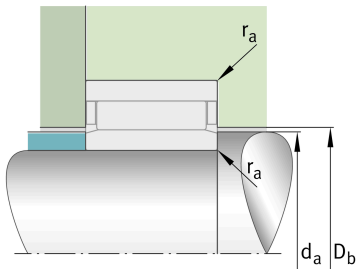


## Your current product variant

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

## Main Dimensions &amp; Performance Data

d	35 mm	Bore diameter
D	50 mm	Outside diameter
B	17 mm	Width
$C_r$	21.400 N	Basic dynamic load rating, radial
$C_{0r}$	41.500 N	Basic static load rating, radial
$C_{ur}$	5.300 N	Fatigue load limit, radial
$n_G$	11.500 1/min	Limiting speed
$n_{G \text{ Grease}}$	6.900 1/min	Limiting speed for grease lubrication
$n_{gr}$	6.500 1/min	Reference speed
$\approx m$	104,2 g	Weight





### Mounting dimensions

$r_{a \max}$	0,3 mm	Maximum recess radius
$d_a$	39,5 mm	Mounting dimension
$d_b$	44,4 mm	Shoulder diameter axial guidance NK/shaft
$D_a$	45,5 mm	Shoulder diameter outer ring
$D_b$	40,6 mm	Shoulder diameter axial guidance NK/housing






### Dimensions

$r_{\min}$	0,3 mm	Minimum chamfer dimension
E	45 mm	Raceway diameter outer ring
F	40 mm	Raceway diameter inner ring
s	0,8 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