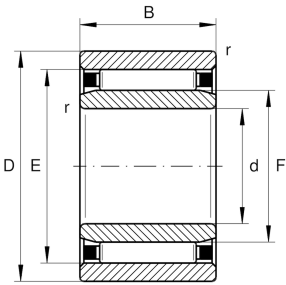


**NAO35X50X17**

Radial roller bearing

Radial roller bearing NAO

## Technical information

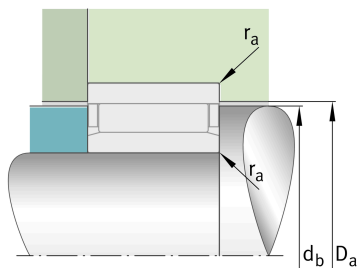
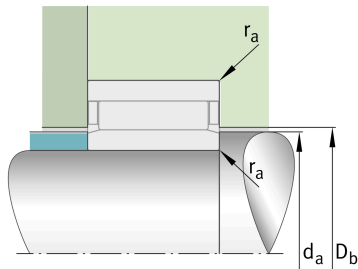


## Your current product variant

Cage	Standard	
Radial internal clearance	CN (Group N)	Normal internal clearance
Lubrication hole	Without	Without
Coating	Without	
Sealing	Without	
Special features	Without	
Number of rolling element 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
$m$	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