

## NAO40X55X17-XL

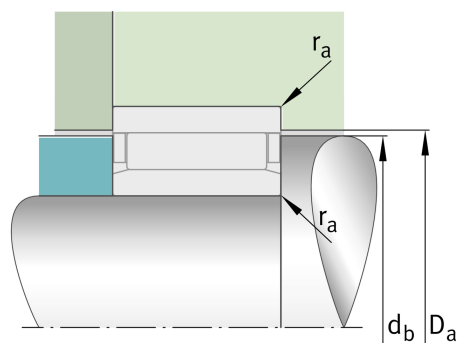
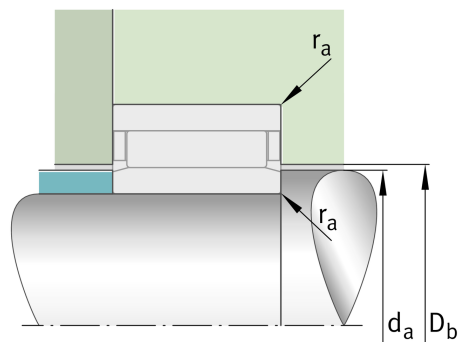
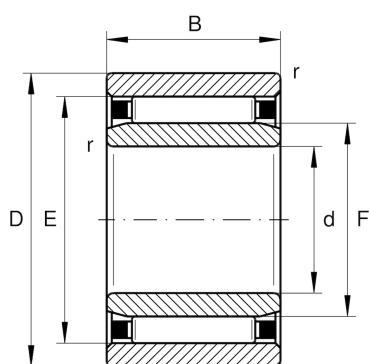
Needle roller bearing

Schaeffler ID:  
0507781450000

Needle roller bearings NAO, without ribs

X-life

### Technical information



#### Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	120 °C	Operating temperature max.
	0,127 kg	Weight

#### Main Dimensions & Performance Data

$d$	40 mm	Bore diameter
$D$	55 mm	Outside diameter
$B$	17 mm	Width
$C_r$	25.500 N	Basic dynamic load rating, radial
$C_{0r}$	46.000 N	Basic static load rating, radial
$C_{ur}$	7.300 N	Fatigue load limit, radial
$n_G$	10.300 1/min	Limiting speed
$n_{gr}$	5.900 1/min	Reference speed

#### Dimensions

$F$	45 mm	Raceway diameter inner ring
$E$	50 mm	Raceway diameter outer ring
$r_{\min}$	0,3 mm	Minimum chamfer dimension
$s$	0,8 mm	Axial displacement

#### Mounting dimensions

$d_a$	44,5 mm	Mounting dimension
$D_b$	45,6 mm	Shoulder diameter axial guidance NK/housing
$d_b$	49,2 mm	Shoulder diameter axial guidance NK/shaft
$D_a$	50,5 mm	Shoulder diameter outer ring
$r_{a \max}$	0,3 mm	Maximum recess radius

