

**NKI12/16-XL**

Needle roller bearing

Schaeffler ID:  
0507617300000

Needle roller bearings NKI, light series

X-life

## Technical information

**Main Dimensions & Performance Data**

d	12 mm	Bore diameter
D	24 mm	Outside diameter
B	16 mm	Width
$C_r$	12,800 N	Basic dynamic load rating, radial
$C_{0r}$	13,900 N	Basic static load rating, radial
$C_{ur}$	2,600 N	Fatigue load limit, radial
$n_G$	23,200 1/min	Limiting speed
$n_{gr}$	14,500 1/min	Reference speed
	0.034 kg	Weight

**Dimensions**

F	16 mm	Raceway diameter inner ring
$r_{min}$	0.3 mm	Minimum chamfer dimension
s	0.5 mm	Axial displacement

**Temperature range**

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