

**NK37/30-XL**

Needle roller bearing

Schaeffler ID:  
0507542540000

Needle roller bearings NK, light series

X-life

## Technical information

**Main Dimensions & Performance Data**

$F_w$	37 mm	Under roller diameter
$D$	47 mm	Outside diameter
$C$	30 mm	Width, outer ring
$C_r$	42,000 N	Basic dynamic load rating, radial
$C_{0r}$	73,000 N	Basic static load rating, radial
$C_{ur}$	13,700 N	Fatigue load limit, radial
$n_G$	12,300 1/min	Limiting speed
$n_{gr}$	7,200 1/min	Reference speed
	113 g	Weight

**Additional information**

$r_{min}$	0.3 mm	Minimum chamfer dimension
	G37X47X4	Sealing ring
	SD37X47X4	Sealing ring 2

**Temperature range**

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