

**NKS30-XL**

Needle roller bearing

Schaeffler ID:  
0507699950000

Needle roller bearings NKS, heavy series

X-life

## Technical information

**Main Dimensions & Performance Data**

$F_w$	30 mm	Under roller diameter
$D$	45 mm	Outside diameter
$C$	22 mm	Width, outer ring
$C_r$	36,500 N	Basic dynamic load rating, radial
$C_{0r}$	40,000 N	Basic static load rating, radial
$C_{ur}$	7,000 N	Fatigue load limit, radial
$n_G$	14,000 1/min	Limiting speed
$n_{gr}$	8,500 1/min	Reference speed
	0.108 kg	Weight

**Additional information**

$r_{min}$	0.6 mm	Minimum chamfer dimension
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**Temperature range**

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