

**NK9/12-TV-XL**

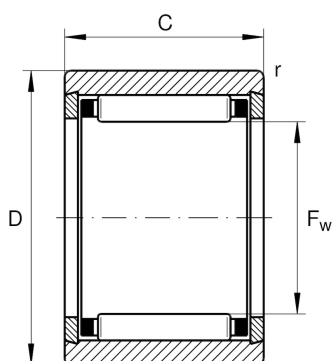
Needle roller bearing

Schaeffler ID:  
0507532740000

Needle roller bearings NK, light series

X-life

## Technical information

**Main Dimensions & Performance Data**

$F_w$	9 mm	Under roller diameter
$D$	16 mm	Outside diameter
$C$	12 mm	Width, outer ring
$C_r$	5,100 N	Basic dynamic load rating, radial
$C_{0r}$	5,000 N	Basic static load rating, radial
$C_{ur}$	860 N	Fatigue load limit, radial
$n_G$	31,000 1/min	Limiting speed
$n_{gr}$	32,000 1/min	Reference speed
	9.67 g	Weight

**Additional information**

$r_{min}$	0.3 mm	Minimum chamfer dimension
	G9X16X3	Sealing ring

**Temperature range**

$T_{min}$	-20 °C	Operating temperature min.
$T_{max}$	120 °C	Operating temperature max.