

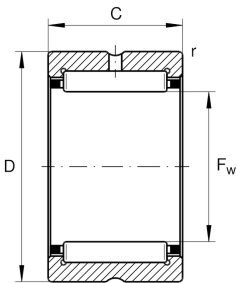
NK80/25-XL

Needle roller bearing

Needle roller bearings NK, light series

X-life

Technical information



Your current product variant

Lubricant	Without	
Cage	Standard	
Cage feature	Standard	
Tolerance class	PN	Normal (PN)

Main Dimensions & Performance Data

F_w	80 mm	Under roller diameter
D	95 mm	Outside diameter
C	25 mm	Width, outer ring
C_r	63.000 N	Basic dynamic load rating, radial
C_{0r}	119.000 N	Basic static load rating, radial
C_{ur}	20.000 N	Fatigue load limit, radial
n_G	5.800 1/min	Limiting speed
n_{gr}	3.750 1/min	Reference speed
$\approx m$	280 g	Weight

Dimensions

r_{min}	1 mm	Minimum chamfer dimension
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Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.

Characteristics

-  Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Small design envelope