

NKS70-XL

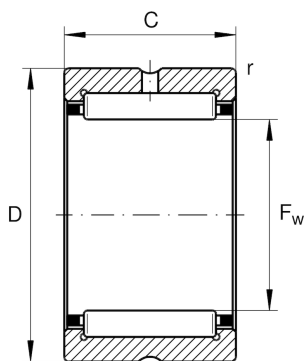
Needle roller bearing

Schaeffler ID:
0507701100000

Needle roller bearings NKS, heavy series

X-life

Technical information



Main Dimensions & Performance Data

F_w	70 mm	Under roller diameter
D	90 mm	Outside diameter
C	28 mm	Width, outer ring
C_r	77,000 N	Basic dynamic load rating, radial
C_{0r}	113,000 N	Basic static load rating, radial
C_{ur}	20,400 N	Fatigue load limit, radial
n_G	6,400 1/min	Limiting speed
n_{gr}	4,200 1/min	Reference speed
$\approx m$	0.379 kg	Weight

Dimensions

r_{min}	1.1 mm	Minimum chamfer dimension
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Temperature range

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