



NKS20-XL

Needle roller bearing

Schaeffler ID:
0507698200000

Needle roller bearings NKS, heavy series

X-life

Technical information



Main Dimensions & Performance Data

F_w	20 mm	Under roller diameter
D	32 mm	Outside diameter
C	20 mm	Width, outer ring
C_r	26,000 N	Basic dynamic load rating, radial
C_{0r}	25,000 N	Basic static load rating, radial
C_{ur}	4,500 N	Fatigue load limit, radial
n_G	20,000 1/min	Limiting speed
n_{gr}	11,800 1/min	Reference speed
	48.7 g	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.