

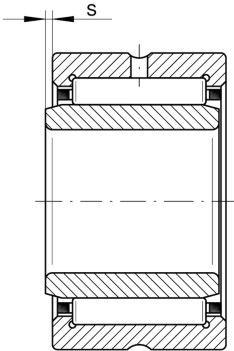
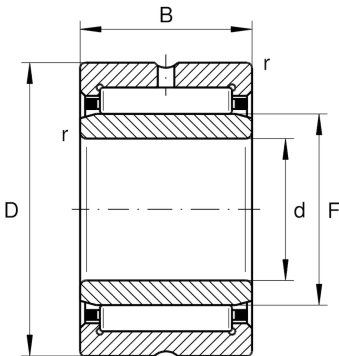
NKI70/25-XL
Needle roller bearing

Schaeffler ID:
0507625320000

Needle roller bearings NKI, light series



Technical information



Main Dimensions & Performance Data

d	70 mm	Bore diameter
D	95 mm	Outside diameter
B	25 mm	Width
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}	3,500 1/min	Reference speed
≈m	0.499 kg	Weight

Dimensions

F	80 mm	Raceway diameter inner ring
r _{min}	1 mm	Minimum chamfer dimension
s	0.8 mm	Axial displacement

Temperature range

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