

NKI80/35-XL

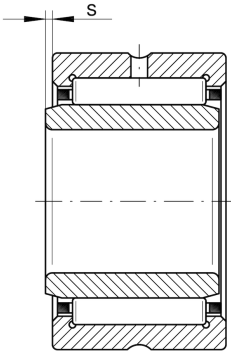
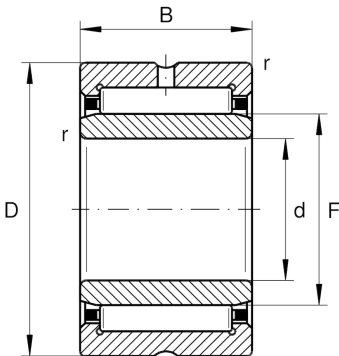
Needle roller bearing

Schaeffler ID:
0507628420000

Needle roller bearings NKI, light series



Technical information



Main Dimensions & Performance Data

d	80 mm	Bore diameter
D	110 mm	Outside diameter
B	35 mm	Width
C _r	116,000 N	Basic dynamic load rating, radial
C _{0r}	208,000 N	Basic static load rating, radial
C _{ur}	38,000 N	Fatigue load limit, radial
n _G	5,100 1/min	Limiting speed
n _{gr}	3,050 1/min	Reference speed
≈m	0.959 kg	Weight

Dimensions

F	90 mm	Raceway diameter inner ring
r _{min}	1 mm	Minimum chamfer dimension
s	1 mm	Axial displacement

Temperature range

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