

NKI5/12-TV-XL

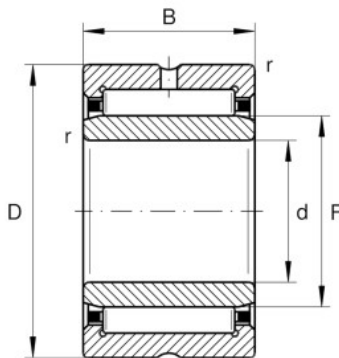
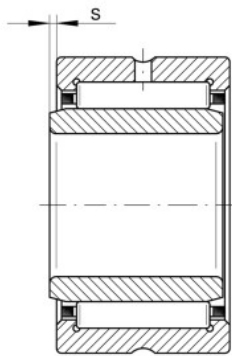
Needle roller bearing

Schaeffler ID:
0507614470000

Needle roller bearings NKI, light series

X-life

Technical information



Main Dimensions & Performance Data

d	5 mm	Bore diameter
D	15 mm	Outside diameter
B	12 mm	Width
C_r	4,450 N	Basic dynamic load rating, radial
C_{0r}	4,100 N	Basic static load rating, radial
C_{ur}	700 N	Fatigue load limit, radial
n_G	32,500 1/min	Limiting speed
n_{gr}	32,500 1/min	Reference speed
	11.59 g	Weight

Dimensions

F	8 mm	Raceway diameter inner ring
r_{min}	0.3 mm	Minimum chamfer dimension
s	1.5 mm	Axial displacement

Temperature range

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