

NKIB5901-XL

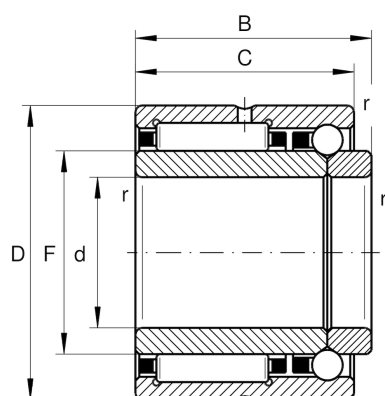
Needle roller/angular contact ball bearing

Schaeffler ID:
0507828270000

Needle roller/angular contact ball bearings
NKIB, double direction axial component

X-life

Technical information



Main Dimensions & Performance Data

d	12 mm	Bore diameter
D	24 mm	Outside diameter
B	17.5 mm	Width
C_r	8,600 N	Basic dynamic load rating, radial
C_{0r}	8,300 N	Basic static load rating, radial
C_a	2,700 N	Basic dynamic load rating, axial
C_{0a}	3,450 N	Basic static load rating, axial
C_{ur}	1,660 N	Fatigue load limit, radial
C_{ua}	157 N	Fatigue load limit, axial
n_G	23,600 1/min	Limiting speed
n_{gr}	21,000 1/min	Reference speed
	33.7 g	Weight

Dimensions

F	16 mm	Raceway diameter inner ring
C	16 mm	Width, outer ring
r_{min}	0.3 mm	Minimum chamfer dimension

Temperature range

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