

NKIB5909-XL

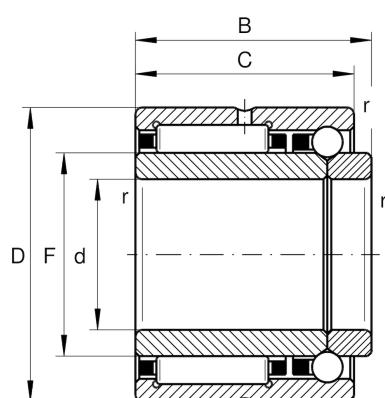
Needle roller/angular contact ball bearing

Schaeffler ID:
0507829080000

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

X-life

Technical information



Main Dimensions & Performance Data

d	45 mm	Bore diameter
D	68 mm	Outside diameter
B	34 mm	Width
C_r	51,000 N	Basic dynamic load rating, radial
C_{0r}	73,000 N	Basic static load rating, radial
C_a	9,600 N	Basic dynamic load rating, axial
C_{0a}	21,400 N	Basic static load rating, axial
C_{ur}	12,900 N	Fatigue load limit, radial
C_{ua}	970 N	Fatigue load limit, axial
n_G	8,700 1/min	Limiting speed
n_{gr}	7,000 1/min	Reference speed
	410.726 g	Weight

Dimensions

F	52 mm	Raceway diameter inner ring
C	30 mm	Width, outer ring
r_{min}	0.6 mm	Minimum chamfer dimension

Temperature range

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