

NKIB5903-XL

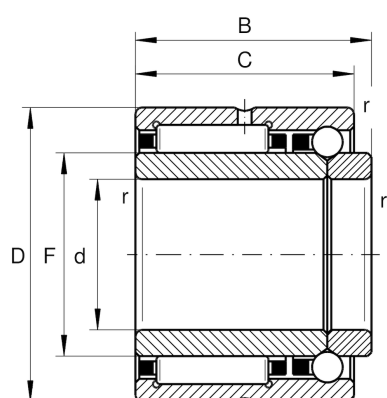
Needle roller/angular contact ball bearing

Schaeffler ID:
0507828430000

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

X-life

Technical information



Main Dimensions & Performance Data

d	17 mm	Bore diameter
D	30 mm	Outside diameter
B	20 mm	Width
C_r	12,400 N	Basic dynamic load rating, radial
C_{0r}	14,600 N	Basic static load rating, radial
C_a	3,150 N	Basic dynamic load rating, axial
C_{0a}	4,900 N	Basic static load rating, axial
C_{ur}	2,650 N	Fatigue load limit, radial
C_{ua}	222 N	Fatigue load limit, axial
n_G	20,600 1/min	Limiting speed
n_{gr}	15,000 1/min	Reference speed
	55.58 g	Weight

Dimensions

F	22 mm	Raceway diameter inner ring
C	18 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.