

## NKIB5907-XL

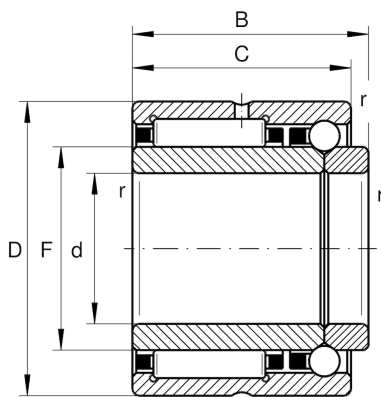
Needle roller/angular contact ball bearing

Schaeffler ID:  
0507828860000

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

X-life

### Technical information



#### Main Dimensions & Performance Data

d	35 mm	Bore diameter
D	55 mm	Outside diameter
B	30 mm	Width
$C_r$	35,500 N	Basic dynamic load rating, radial
$C_{0r}$	50,000 N	Basic static load rating, radial
$C_a$	7,400 N	Basic dynamic load rating, axial
$C_{0a}$	14,900 N	Basic static load rating, axial
$C_{ur}$	9,600 N	Fatigue load limit, radial
$C_{ua}$	680 N	Fatigue load limit, axial
$n_G$	10,900 1/min	Limiting speed
$n_{gr}$	9,000 1/min	Reference speed
	243.76 g	Weight

#### Dimensions

F	42 mm	Raceway diameter inner ring
C	27 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.