

## NKIB5912-XL

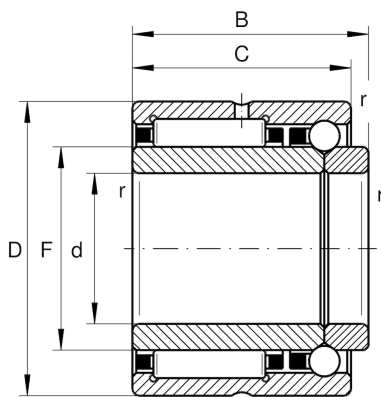
Needle roller/angular contact ball bearing

Schaeffler ID:  
0507829320000

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

X-life

### Technical information



#### Main Dimensions & Performance Data

d	60 mm	Bore diameter
D	85 mm	Outside diameter
B	38 mm	Width
$C_r$	68,000 N	Basic dynamic load rating, radial
$C_{0r}$	108,000 N	Basic static load rating, radial
$C_a$	12,400 N	Basic dynamic load rating, axial
$C_{0a}$	32,000 N	Basic static load rating, axial
$C_{ur}$	19,100 N	Fatigue load limit, radial
$C_{ua}$	1,450 N	Fatigue load limit, axial
$n_G$	6,800 1/min	Limiting speed
$n_{gr}$	5,500 1/min	Reference speed
	0.602 kg	Weight

#### Dimensions

F	68 mm	Raceway diameter inner ring
C	34 mm	Width, outer ring
$r_{min}$	1 mm	Minimum chamfer dimension

#### Temperature range

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