

## NKIB5911-XL

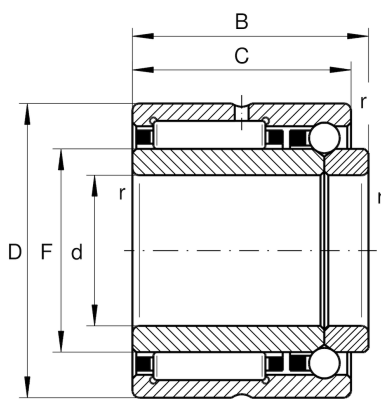
Needle roller/angular contact ball bearing

Schaeffler ID:  
0507829240000

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

X-life

### Technical information



#### Main Dimensions & Performance Data

d	55 mm	Bore diameter
D	80 mm	Outside diameter
B	38 mm	Width
$C_r$	65,000 N	Basic dynamic load rating, radial
$C_{0r}$	100,000 N	Basic static load rating, radial
$C_a$	12,100 N	Basic dynamic load rating, axial
$C_{0a}$	29,500 N	Basic static load rating, axial
$C_{ur}$	17,600 N	Fatigue load limit, radial
$C_{ua}$	1,340 N	Fatigue load limit, axial
$n_G$	7,300 1/min	Limiting speed
$n_{gr}$	6,000 1/min	Reference speed
	0.57 kg	Weight

#### Dimensions

F	63 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.