

**RAE12-XL-NPP-B**

Radial insert ball bearing

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X-life

## Technical information

**Main Dimensions & Performance Data**

d	12 mm	Bore diameter
D <sub>SP</sub>	40 mm	Outside diameter
B	19 mm	Width
C <sub>0r</sub>	4.750 N	Basic static load rating, radial
C <sub>ur</sub>	248 N	Fatigue load limit, radial
B <sub>1</sub>	28,6 mm	Locking collar total width
C <sub>r</sub>	9.800 N	Basic dynamic load rating, radial
≈m	0,13 kg	Weight

**Dimensions**

C	12 mm	Width, outer ring
S	6,5 mm	Distance raceway
d <sub>2</sub>	23 mm	Rib diameter sealing inner ring
d <sub>3</sub>	28,4 mm	Outside diameter locking collar/locknut
W	3 mm	Width of flats

**Calculation factors**

f <sub>0</sub>	13	Calculation factor
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### Characteristics

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-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Lifetime lubrication, freedom from maintenance
-  Grease Lubrication
-  Sealed on both sides
-  Static angular error and misalignment