

**RAE50-XL-NPP-B**

Radial insert ball bearing

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X-life

Technical information

**Main Dimensions & Performance Data**

d	50 mm	Bore diameter
D _{SP}	90 mm	Outside diameter
B	30,2 mm	Width
C _{0r}	23.200 N	Basic static load rating, radial
C _{ur}	1.090 N	Fatigue load limit, radial
B ₁	43,8 mm	Locking collar total width
C _r	35.000 N	Basic dynamic load rating, radial
≈m	0,77 kg	Weight

Dimensions

C	22 mm	Width, outer ring
S	11 mm	Distance raceway
d ₂	59,4 mm	Rib diameter sealing inner ring
d ₃	69 mm	Outside diameter locking collar/locknut
W	5 mm	Width of flats

Calculation factors

f ₀	14,4	Calculation factor
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Characteristics

-  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