

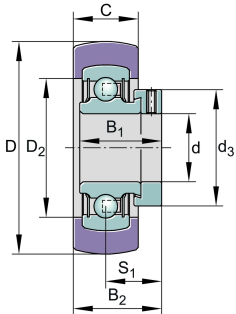
**RABRB50/100-XL-FA106**

## Radial insert ball bearing

Radial insert ball bearings RABR, with rubber interliner, location by eccentric locking collar, P seals on both sides

X-life

## Technical information



## Your current product variant

Manufacturing instruction	FA106	Bearing subjected to special noise testing
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## Main Dimensions &amp; Performance Data

d	50 mm	Bore diameter
D	100,2 mm	Outside diameter
C	30 mm	Width, outer ring
B <sub>2</sub>	47,7 mm	Width total
B <sub>1</sub>	43,8 mm	Locking collar total width
C <sub>r</sub>	35.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	23.200 N	Basic static load rating, radial
C <sub>ur</sub>	1.090 N	Fatigue load limit, radial
	4.100 N	Load carrying capacity (rubber interliner)
≈m	0,83 kg	Weight

## Dimensions

S <sub>1</sub>	32,7 mm	Distance raceway to locking collar
D <sub>2</sub>	80 mm	Flange diameter rubber interliner
d <sub>3</sub>	69 mm	Outside diameter locking collar/locknut










### Calculation factors

$f_0$	14,4	Calculation factor
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### Additional information

	RAE50-XL-NPP-B-FA106	Bearing designation
Shore A	70 °	Hardness rubber interliner

### Characteristics

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