

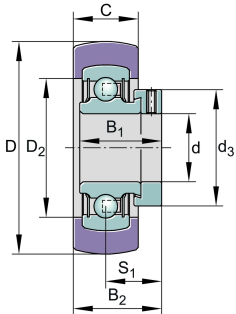
**RABRB50/100-XL-FA106**

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 & Performance Data

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

Dimensions

S ₁	32,7 mm	Distance raceway to locking collar
D ₂	80 mm	Flange diameter rubber interliner
d ₃	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

-  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