



## ★ RABRB50/100-XL-FA106

Radial insert ball bearing

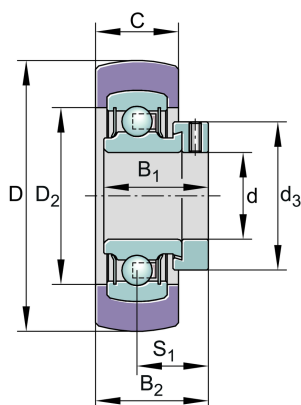
Schaeffler ID:  
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★ Preferred product

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

X-life

### Technical information



#### Main Dimensions & 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>	37.500 N	Basic dynamic load rating, radial
C <sub>0r</sub>	23.200 N	Basic static load rating, radial
C <sub>ur</sub>	1.210 N	Fatigue load limit, radial
	4.100	Load carrying capacity (rubber interliner)
	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

#### Additional information

	RAE50-XL-NPP-B-FA106	Bearing designation
f <sub>0</sub>	14,4	Calculation factor
Shore A	70 °	Hardness rubber interliner