



Radial insert ball bearings

RABRB50/100-XL-FA106 (Series RABR)

with rubber interliner, location by eccentric locking collar, P seals on both sides

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue ordering system (https://www.schaeffler.de/content.schaeffler.de/en/news_media/index.jsp) or by telephone on +49 (91 32) 82 - 28 97.

d	50 mm
D	100,2 mm
B ₂	47,7 mm
B ₁	43,8 mm
C	30 mm
D ₂	80 mm
d _{3 max}	69 mm
S ₁	32,7 mm
Operating temperature from -20°C to +85°C	
m	0,92 kg Mass

	70 °	Rubber ring: hardness, Shore A
		Also available by agreement in NBR80
C _g	4100 N	Rubber ring: load carrying capacity
C _r	37500 N	Basic dynamic load rating, radial
C _{0r}	23200 N	Basic static load rating, radial
C _{ur}	1210 N	Fatigue limit load, radial
f ₀	14,3	Calculation factor
	RABR90/100	Designation of rubber interliner
	RAE50-XL-NPP-B-FA106	Designation of bearing
	6210	Reference bearing for determining the equivalent bearing load.

