



## Radial insert ball bearings

### RABRB35/80-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](https://www.schaeffler.de/content.schaeffler.de/en/news_media/index.jsp)) or by telephone on +49 (91 32) 82 - 28 97.

|                                           |                 |
|-------------------------------------------|-----------------|
| d                                         | 35 mm           |
| D                                         | 80,2 mm         |
| B <sub>2</sub>                            | 41,4 mm         |
| B <sub>1</sub>                            | 39 mm           |
| C                                         | 24 mm           |
| D <sub>2</sub>                            | 62 mm           |
| d <sub>3 max</sub>                        | 55 mm           |
| S <sub>1</sub>                            | 29,4 mm         |
| Operating temperature from -20°C to +85°C |                 |
| m                                         | 0,62 kg    Mass |

|                 |                      |                                                                |
|-----------------|----------------------|----------------------------------------------------------------|
|                 | 70 °                 | Rubber ring: hardness, Shore A                                 |
| C <sub>g</sub>  | 2700 N               | Rubber ring: load carrying capacity                            |
| C <sub>r</sub>  | 27500 N              | Basic dynamic load rating, radial                              |
| C <sub>0r</sub> | 15300 N              | Basic static load rating, radial                               |
| C <sub>ur</sub> | 800 N                | Fatigue limit load, radial                                     |
| f <sub>0</sub>  | 13,8                 | Calculation factor                                             |
|                 | RABR72/80            | Designation of rubber interliner                               |
|                 | RAE35-XL-NPP-B-FA106 | Designation of bearing                                         |
|                 | 6207                 | Reference bearing for determining the equivalent bearing load. |

