



## ★ RAE40-XL-NPP-B

Radial insert ball bearing

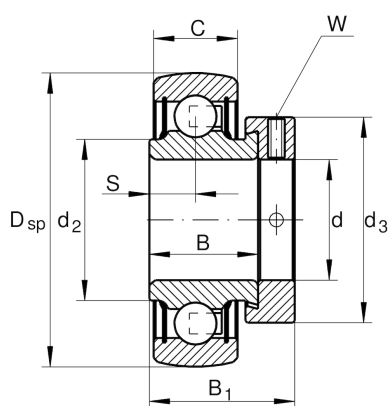
Schaeffler ID:  
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★ Preferred product

X-life

### Technical information



### Main Dimensions & Performance Data

|                       |              |                                       |
|-----------------------|--------------|---------------------------------------|
| d                     | 40 mm        | Bore diameter                         |
| D <sub>SP</sub>       | 80 mm        | Outside diameter                      |
| B                     | 30,2 mm      | Width                                 |
| B <sub>1</sub>        | 43,8 mm      | Locking collar total width            |
| n <sub>G Grease</sub> | 10.300 1/min | Limiting speed for grease lubrication |
| C <sub>r</sub>        | 32.500 N     | Basic dynamic load rating, radial     |
| C <sub>0r</sub>       | 19.800 N     | Basic static load rating, radial      |
| C <sub>ur</sub>       | 1.030 N      | Fatigue load limit, radial            |
|                       | 0,63 kg      | Weight                                |

### Dimensions

|                |         |   |
|----------------|---------|---|
| C              | 21 mm   | Width, outer ring                       |
| S              | 11 mm   | Distance raceway                        |
| d <sub>2</sub> | 49,4 mm | Rib diameter sealing inner ring         |
| d <sub>3</sub> | 58 mm   | Outside diameter locking collar/locknut |
| W              | 5 mm    | Width of flats                          |

### Additional information

|                |      |                    |
|----------------|------|--------------------|
| f <sub>0</sub> | 13,6 | Calculation factor |
|----------------|------|--------------------|