

**E45-XL-KLL**

## Radial insert ball bearing

Radial insert ball bearings E..-KLL, cylindrical outer ring, location by eccentric locking collar, L seals on both sides

X-life

## Technical information

**Main Dimensions & Performance Data**

|                 |          |                                   |
|-----------------|----------|-----------------------------------|
| d               | 45 mm    | Bore diameter                     |
| D               | 85 mm    | Outside diameter                  |
| B               | 42,9 mm  | Width                             |
| B <sub>1</sub>  | 56,5 mm  | Locking collar total width        |
| C <sub>r</sub>  | 32.500 N | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 20.400 N | Basic static load rating, radial  |
| C <sub>ur</sub> | 970 N    | Fatigue load limit, radial        |
| ≈m              | 0,85 kg  | Weight                            |

**Dimensions**

|                |         |   |
|----------------|---------|---|
| C              | 22 mm   | Width, outer ring                       |
| C <sub>2</sub> | 26,4 mm | Sealing total width                     |
| S              | 21,4 mm | Distance raceway                        |
| d <sub>1</sub> | 57,9 mm | Rib diameter inner ring                 |
| D <sub>1</sub> | 72,3 mm | Outside diameter seal                   |
| d <sub>3</sub> | 63 mm   | Outside diameter locking collar/locknut |
| W              | 5 mm    | Width of flats                          |

**Calculation factors**

|                |      |                    |
|----------------|------|--------------------|
| f <sub>0</sub> | 14,1 | Calculation factor |
|----------------|------|--------------------|



### Characteristics

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Radial load



Axial load in one direction



Axial load in two directions



Lifetime lubrication, freedom from maintenance



Grease Lubrication



Sealed on both sides