

**E50-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	50 mm	Bore diameter
D	90 mm	Outside diameter
B	49,2 mm	Width
B <sub>1</sub>	62,8 mm	Locking collar total width
C <sub>r</sub>	35.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	23.200 N	Basic static load rating, radial
C <sub>ur</sub>	990 N	Fatigue load limit, radial
≈m	1 kg	Weight

**Dimensions**

C	22 mm	Width, outer ring
C <sub>2</sub>	26,4 mm	Sealing total width
S	24,6 mm	Distance raceway
d <sub>1</sub>	62,8 mm	Rib diameter inner ring
D <sub>1</sub>	77,3 mm	Outside diameter seal
d <sub>3</sub>	69 mm	Outside diameter locking collar/locknut
W	5 mm	Width of flats

**Calculation factors**

f <sub>0</sub>	14,4	Calculation factor
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### 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