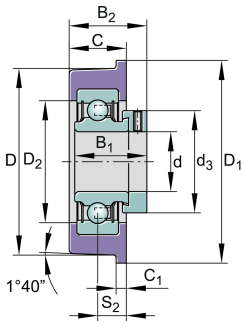
**CRB30/83-XL**

## Radial insert ball bearing

Radial insert ball bearings CRB, with rubber interliner, location by eccentric locking collar, P seals on both sides

X-life

## Technical information

**Main Dimensions & Performance Data**

d	30 mm	Bore diameter
D	83,6 mm	Outside diameter
C	28 mm	Width, outer ring
B <sub>2</sub>	40,7 mm	Width total
B <sub>1</sub>	35,8 mm	Locking collar total width
C <sub>r</sub>	19.500 N	Basic dynamic load rating, radial
C <sub>0r</sub>	11.300 N	Basic static load rating, radial
C <sub>ur</sub>	480 N	Fatigue load limit, radial
	1.400 N	Load carrying capacity (rubber interliner)
≈m	0,41 kg	Weight

**Dimensions**

D <sub>1</sub>	87,4 mm	Flange diameter
C <sub>1</sub>	4,8 mm	Thickness of flange
D <sub>2</sub>	56 mm	Flange diameter rubber interliner
d <sub>3</sub>	44 mm	Outside diameter locking collar/locknut
S <sub>2</sub>	14 mm	Distance raceway to rubber interliner flange side

**Calculation factors**







f <sub>0</sub>	13,8	Calculation factor
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### Additional information

	RAE30-XL-NPP	Bearing designation
Shore A	80 °	Hardness rubber interliner

### Characteristics

-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Lifetime lubrication, freedom from maintenance
-  Grease Lubrication
-  Sealed on both sides