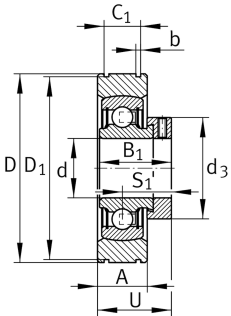
**PE40-XL**

Radial insert ball bearing

Radial insert ball bearings PE, cylindrical outer ring, with steel aligning ring, location by eccentric locking collar, P seals on both sides

X-life

Technical information

**Main Dimensions & Performance Data**

d	40 mm	Bore diameter
D	90 mm	Outside diameter
U	45,2 mm	Width
C _r	32.500 N	Basic dynamic load rating, radial
C _{0r}	19.800 N	Basic static load rating, radial
C _{ur}	1.030 N	Fatigue load limit, radial
m	0,9 kg	Weight

Dimensions

A	25 mm	Width, outer ring
C ₁	15,4 mm	Distance ring grooves
	0,2 mm	Upper distance ring groove tolerance
b	2,7 mm	Width retaining slot
	0,3 mm	Nut width upper tolerance
D ₁	86,8 mm	Diameter of groove
	-0,5 mm	Nut diameter lower tolerance

Calculation factors

f ₀	13,6	Calculation factor
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Additional information

RAE40-XL-NPP-B

Bearing designation

Characteristics



Radial load



Axial load in one direction



Axial load in two directions



Lifetime lubrication, freedom from maintenance



Grease Lubrication



Sealed on both sides



Static angular error and misalignment