

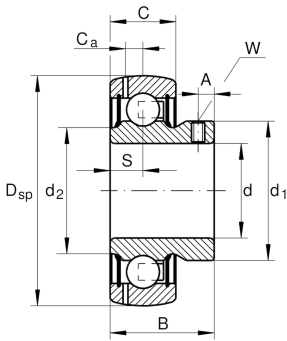
**AY12-XL-NPP-B**

Radial insert ball bearing

Radial insert ball bearings AY..-NPP-B,
spherical outer ring, location by grub screws,
P seals on both sides

X-life

Technical information

**Main Dimensions & Performance Data**

d	12 mm	Bore diameter
D _{SP}	40 mm	Outside diameter
B	22 mm	Width
C _{0r}	4.750 N	Basic static load rating, radial
C _{ur}	202 N	Fatigue load limit, radial
C _r	9.800 N	Basic dynamic load rating, radial
≈m	0,1 kg	Weight

Dimensions

C	12 mm	Width, outer ring
S	6 mm	Distance raceway
d ₁	23,9 mm	Rib diameter inner ring
d ₂	22,9 mm	Rib diameter sealing inner ring
A	4 mm	Distance thread
W	2,5 mm	Width of flats

Calculation factors

f ₀	13	Calculation factor
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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