

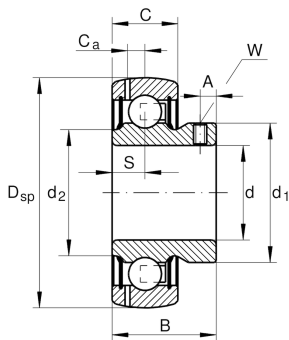
**AY12-XL-NPP-B**

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
----------------	----	--------------------



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