

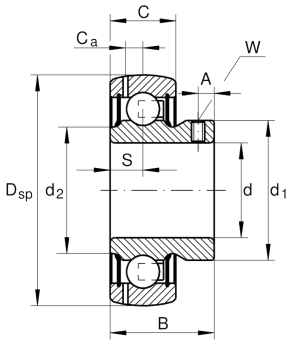
**GAY12-XL-NPP-B**

## Radial insert ball bearing

Radial insert ball bearings GAY..-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 <sub>SP</sub>	40 mm	Outside diameter
B	22 mm	Width
C <sub>0r</sub>	4.750 N	Basic static load rating, radial
C <sub>ur</sub>	202 N	Fatigue load limit, radial
C <sub>r</sub>	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 <sub>1</sub>	24,2 mm	Rib diameter inner ring
d <sub>2</sub>	22,9 mm	Rib diameter sealing inner ring
C <sub>a</sub>	3,4 mm	Distance to lubrication hole
A	4 mm	Distance thread
W	2,5 mm	Width of flats

**Temperature range**

T <sub>min</sub>	-20 °C	Operating temperature min.
T <sub>max</sub>	120 °C	Operating temperature max.



### 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