

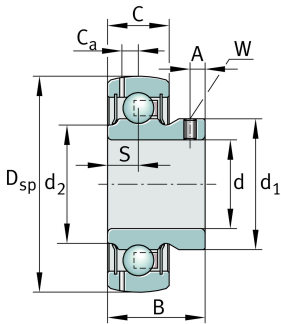
**GAY12-XL-NPP-B-FA164**

## Radial insert ball bearing

Radial insert ball bearings GAY..-NPP-B-FA164, spherical outer ring, location by grub screws, P seals on both sides, for temperatures up to +250°C

X-life

## Technical information



## Your current product variant

Manufacturing instruction	FA164	High temperature design up to +250°C
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## Main Dimensions &amp; 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>	10.100 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>	23,9 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



### Calculation factors

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$f_0$	13	Calculation factor
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### Characteristics

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-  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