

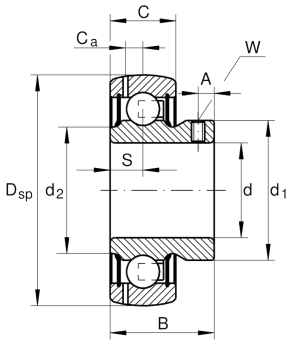
**GAY50-XL-NPP-B**

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	50 mm	Bore diameter
D _{SP}	90 mm	Outside diameter
B	43 mm	Width
C _{0r}	23.200 N	Basic static load rating, radial
C _{ur}	990 N	Fatigue load limit, radial
C _r	35.000 N	Basic dynamic load rating, radial
≈m	0,64 kg	Weight

Dimensions

C	22 mm	Width, outer ring
S	11 mm	Distance raceway
d ₁	62 mm	Rib diameter inner ring
d ₂	59,3 mm	Rib diameter sealing inner ring
C _a	6,9 mm	Distance to lubrication hole
A	9 mm	Distance thread
W	4 mm	Width of flats

Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.



Calculation factors

f_0	14,4	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