

**GYE80-XL-KRR-B**

Radial insert ball bearing

Radial insert ball bearings GYE...-KRR-B,
spherical outer ring, location by grub screws,
R seals on both sides

X-life

Technical information

**Main Dimensions & Performance Data**

d	80 mm	Bore diameter
D _{SP}	140 mm	Outside diameter
B	82,6 mm	Width
C _{0r}	54.000 N	Basic static load rating, radial
C _{ur}	2.190 N	Fatigue load limit, radial
C _r	72.000 N	Basic dynamic load rating, radial
≈m	2,584 kg	Weight

Dimensions

C	30 mm	Width, outer ring
C ₂	38 mm	Sealing total width
S	33,3 mm	Distance raceway
d ₁	97 mm	Rib diameter inner ring
D ₁	120 mm	Outside diameter seal
C _a	8,8 mm	Distance to lubrication hole
A	12 mm	Distance thread
W	5 mm	Width of flats

Calculation factors

f ₀	14,7	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